Health and Social Care Information Centre

NHS Data Model and Dictionary Service

Type:	Data Dictionary Change Notice
Reference:	1407
Version No:	1.0
Subject:	Clinical Investigations
Effective Date:	Immediate
Reason for Change:	Change to Modelling
Publication Date:	7 November 2013

Background:

It has been identified that the modelling in the NHS Data Model and Dictionary is not clear in relation to results of Clinical Investigations.

The modelling has been reviewed and this Data Dictionary Change Notice (DDCN) makes the following changes to the NHS Data Model and Dictionary:

- Retires the Classes:
  - MEASURED PERSON OBSERVATION
  - MEASURED PERSON OBSERVATION TYPE
  - MEASUREMENT VALUE TYPE
  - OBSERVATION MEASUREMENT VALIDATION
- Retires the Attributes:
  - MEASURED OBSERVATION VALUE
  - MEASURED PERSON OBSERVATION TYPE CODE
  - MEASUREMENT VALUE TYPE CODE
  - PERSON PROPERTY QUALIFIER TYPE
  - PERSON PROPERTY QUALIFIER VALUE
  - PERSON PROPERTY RELATIONSHIP TYPE
- Renames the Attributes:
  - CLINICAL INVESTIGATION RESULT ITEM UNIT OF MEASURE to UNIT OF MEASUREMENT
- Creates new Attributes:
  - CLINICAL INVESTIGATION RESULT ITEM TYPE
  - CLINICAL INVESTIGATION RESULT VALUE
- Creates new NHS Business Definitions:
  - Clinical Intervention Date
  - Clinical Intervention Date and Time
- Moves the items from MEASURED PERSON OBSERVATION TYPE CODE to CLINICAL INVESTIGATION RESULT ITEM TYPE
- Moves the items from MEASUREMENT VALUE TYPE CODE to UNIT OF MEASUREMENT
- Associates the 'Clinical Investigation' Data Elements with the Attribute CLINICAL INVESTIGATION RESULT VALUE
- Associates the 'Observation Date and Time' Data Elements with the:
  - NHS Business Definitions
    - Clinical Intervention Date
    - Clinical Intervention Date and Time
  - Attributes:
    - Activity Date
    - Activity Time.

To view a demonstration on "How to Read an NHS Data Model and Dictionary Change Request", visit the NHS

Data Model and Dictionary help pages at: http://www.datadictionary.nhs.uk/Flash_Files/changerequest.htm.

Note: if the web page does not open, please copy the link and paste into the web browser.

Summary of changes:

Diagrams	
ACTIVITY DIAGRAM	Changed Diagram
CANCER OUTCOMES AND SERVICES DIAGRAM	Changed Diagram
CHILD AND ADOLESCENT MENTAL HEALTH SERVICES SECONDARY USES DIAGRAM	Changed Diagram
CHILDREN AND YOUNG PEOPLE'S HEALTH SERVICE SECONDARY USES DIAGRAM	Changed Diagram
DIAGNOSTIC IMAGING DIAGRAM	Changed Diagram
HIV AND AIDS DIAGRAM	Changed Diagram
IMPROVING ACCESS TO PSYCHOLOGICAL THERAPIES DIAGRAM	Changed Diagram
MATERNITY SERVICES SECONDARY USES DIAGRAM	Changed Diagram
NATIONAL JOINT REGISTRY DIAGRAM	Changed Diagram
NATIONAL RENAL DIAGRAM	Changed Diagram
PERSON AND PERSON PROPERTY DIAGRAM	Changed Diagram
SYSTEMIC ANTI-CANCER THERAPY DIAGRAM	Changed Diagram

Supporting Information	
ABO SYSTEM	Changed Description
ANAESTHETIC SERVICE	Changed Description
BIRTH LENGTH	Changed Description
BIRTH WEIGHT	Changed Description
BLOOD PRESSURE	Changed Description
BLOOD TRANSFUSION	Changed Description
BODY MASS INDEX	Changed Description
BONE AGE	Changed Description
CERVICAL GLANDULAR INTRA-EPITHELIAL NEOPLASIA renamed from CERVICAL GLANDULAR INTRAEPITHELIAL NEOPLASIA	Changed Name, Description
CERVICAL INTRA-EPITHELIAL NEOPLASIA renamed from CERVICAL INTRAEPITHELIAL NEOPLASIA	Changed Name, Description
CLINICAL INTERVENTION DATE AND TIME	New Supporting Information
CLINICAL INTERVENTION TIME	New Supporting Information
CLINICAL INVESTIGATION	Changed Description
CONTRACEPTIVE SERVICE	Changed Description
DENTAL HAEMORRHAGE SERVICE	Changed Description
DENTAL TREATMENT	Changed Description
DIASTOLIC BLOOD PRESSURE	Changed Description
DOMINANT ARM (RETIRED) renamed from DOMINANT ARM	Changed Name, status to Retired, Description
DRY WEIGHT	Changed Description
EMERGENCY TREATMENT SERVICE	Changed Description
FACE TO FACE CONTACT COMMUNITY CARE	Changed Description
FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT)	Changed Description
FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE)	Changed Description
GESTATION LENGTH IN DAYS (RETIRED) renamed from GESTATION LENGTH IN DAYS	Changed Name, status to Retired, Description
HAND GRIP STRENGTH	Changed Description
HBA1C	Changed Description
HEAD CIRCUMFERENCE	Changed Description
HEART RATE	Changed Description
HEIGHT	Changed Description
HIP MEASUREMENT	Changed Description

MANTOUX TEST	Changed Description
MATERNITY MEDICAL SERVICE	Changed Description
MID ARM CIRCUMFERENCE	Changed Description
MINOR SURGERY PROCEDURE	Changed Description
PATIENT PROCEDURE	Changed Description
PERCENTAGE WEIGHT LOSS	Changed Description
POST MORTEM	Changed Description
RH SYSTEM	Changed Description
SCREENING TEST	Changed Description
SERUM CHOLESTEROL LEVEL	Changed Description
SERUM CREATININE LEVEL	Changed Description
SYSTOLIC BLOOD PRESSURE	Changed Description
TEMPERATURE	Changed Description
TEST OF IMMUNITY renamed from TEST OF IMMUNITY	Changed Name, Description
URINARY ALBUMIN LEVEL	Changed Description
URINE OUTPUT	Changed Description
VACCINATION SERVICE	Changed Description
VASECTOMY PERFORMED (RETIRED) renamed from VASECTOMY PERFORMED	Changed Name, status to Retired, Description
WAIST MEASUREMENT	Changed Description
WEIGHT	Changed Description

Class Definitions

CATEGORY VALUED PERSON OBSERVATION	Changed Description
CLINICAL INVESTIGATION RESULT ITEM	Changed Attributes, Description
MEASURED PERSON OBSERVATION (RETIRED) renamed from MEASURED PERSON OBSERVATION	Changed Supertype, Attributes, Name, status to Retired, Description
MEASURED PERSON OBSERVATION TYPE (RETIRED) renamed from MEASURED PERSON OBSERVATION TYPE	Changed Relationships, Attributes, Name, status to Retired, Description
MEASUREMENT VALUE TYPE (RETIRED) renamed from MEASUREMENT VALUE TYPE	Changed Relationships, Attributes, Name, status to Retired, Description
OBSERVATION MEASUREMENT VALIDATION (RETIRED) renamed from OBSERVATION MEASUREMENT VALIDATION	Changed Name, status to Retired, Description
OTHER PERSON OBSERVATION	Changed Description
PERSON PROPERTY	Changed Attributes, Description
PERSON PROPERTY QUALIFIER	Changed Attributes
REGISTRABLE BIRTH	Changed Attributes
UNIT OF MEASUREMENT	New Class

Attribute Definitions

ACTIVITY DATE AND TIME TYPE	Changed Description
ACTIVITY TIME TYPE	Changed Description
CLINICAL INTERVENTION TYPE	Changed Description
CLINICAL INVESTIGATION RESULT ITEM TYPE	New Attribute
CLINICAL INVESTIGATION RESULT VALUE	New Attribute
DOMINANT ARM CODE	Changed Description
GESTATION LENGTH IN DAYS	New Attribute
GESTATION LENGTH IN WEEKS renamed from GESTATION LENGTH	Changed Name
LARGEST METASTASIS	Changed Description
MAXIMUM DEPTH OF INVASION	Changed Description
MEASURED OBSERVATION VALUE (RETIRED) renamed from MEASURED OBSERVATION VALUE	Changed Name, status to Retired, Description
MEASURED PERSON OBSERVATION TYPE CODE (RETIRED) renamed from MEASURED PERSON OBSERVATION TYPE CODE	Changed Name, status to Retired, Description
MEASUREMENT VALUE TYPE CODE (RETIRED) renamed from MEASUREMENT VALUE TYPE CODE	Changed Name, status to Retired, Description
PERSON PROPERTY QUALIFIER TYPE (RETIRED) renamed from PERSON	Changed Name, status to Retired,

PROPERTY QUALIFIER TYPE	Description
PERSON PROPERTY QUALIFIER VALUE (RETIRED) renamed from PERSON PROPERTY QUALIFIER VALUE	Changed Name, status to Retired, Description
PERSON PROPERTY RELATIONSHIP TYPE (RETIRED) renamed from PERSON PROPERTY RELATIONSHIP TYPE	Changed Name, status to Retired, Description
SERVICE TYPE	Changed Description
SERVICE TYPE FOR CHLAMYDIA TESTING	Changed Description
TUMOUR PROXIMITY TO CARINA	Changed Description
TUMOUR SIZE	Changed Description
UNIT OF MEASUREMENT renamed from CLINICAL INVESTIGATION RESULT ITEM UNIT OF MEASURE	Changed Name, Description

Data Elements

ALANINE AMINOTRANSFERASE CONCENTRATION	Changed linked Attribute, Description
ALBUMIN LEVEL	Changed linked Attribute, Description
ALKALINE PHOSPHATASE CONCENTRATION	Changed linked Attribute, Description
ALPHA FETOPROTEIN	Changed linked Attribute, Description
ALPHA FETOPROTEIN (CEREBROSPINAL FLUID)	Changed linked Attribute
ALPHA FETOPROTEIN (MAXIMUM AT DIAGNOSIS)	Changed linked Attribute
ANTENATAL OBSERVATION (MATERNAL HEIGHT)	Changed linked Attribute, Description
ANTENATAL OBSERVATION (MATERNAL WEIGHT)	Changed linked Attribute, Description
ASPARTATE AMINOTRANSFERASE CONCENTRATION	Changed linked Attribute, Description
BASE EXCESS CONCENTRATION	Changed linked Attribute, Description
BETA2 MICROGLOBULIN LEVEL	Changed linked Attribute, Description
BETA HUMAN CHORIONIC GONADOTROPIN	Changed linked Attribute, Description
BETA HUMAN CHORIONIC GONADOTROPIN (CEREBROSPINAL FLUID)	Changed linked Attribute
BETA HUMAN CHORIONIC GONADOTROPIN (MAXIMUM AT DIAGNOSIS)	Changed linked Attribute
BICARBONATE CONCENTRATION	Changed linked Attribute, Description
BILIRUBIN CONCENTRATION	Changed linked Attribute, Description
BIRTH WEIGHT	Changed linked Attribute, Description
BLOOD BASOPHILS PERCENTAGE	Changed linked Attribute, Description
BLOOD EOSINOPHILS PERCENTAGE	Changed linked Attribute, Description
BLOOD FLOW RATE (DIALYSIS)	Changed Description
BLOOD MYELOBLASTS PERCENTAGE	Changed linked Attribute, Description
BLOOD PRESSURE AVERAGED	Changed linked Attribute, Description
BLOOD PRESSURE HIGHEST	Changed linked Attribute, Description
BLOOD PRESSURE LOWEST	Changed linked Attribute, Description
BLOOD PRESSURE SITTING	Changed linked Attribute, Description
BLOOD UREA CONCENTRATION	Changed linked Attribute, Description

BLOOD UREA CONCENTRATION (DONOR ON ADMISSION)	Changed linked Attribute, Description
BLOOD UREA CONCENTRATION (DONOR ON RETRIEVAL)	Changed linked Attribute, Description
BONE AGE (RENAL PAEDIATRIC)	Changed linked Attribute, Description
BONE MARROW BLAST CELLS PERCENTAGE	Changed linked Attribute, Description
BRESLOW THICKNESS	Changed linked Attribute, Description
CALCULATED CREATININE CLEARANCE	Changed linked Attribute, Description
CD4 CELL COUNT	Changed linked Attribute, Description
CHOLESTEROL HIGH DENSITY LIPOPROTEIN CONCENTRATION	Changed linked Attribute, Description
CHOLESTEROL LOW DENSITY LIPOPROTEIN CONCENTRATION	Changed linked Attribute, Description
CHOLESTEROL TOTAL CONCENTRATION	Changed linked Attribute, Description
CYCLOSPORINE A 12 HOUR TROUGH LEVEL (RECIPIENT)	Changed linked Attribute, Description
CYCLOSPORINE A 2 HOUR TROUGH LEVEL C2 (RECIPIENT)	Changed linked Attribute, Description
DIALYSATE 24 HOUR CREATININE CONCENTRATION	Changed linked Attribute, Description
DIALYSATE 24 HOUR PROTEIN LOSS	Changed linked Attribute, Description
DIALYSATE 24 HOUR UREA CONCENTRATION	Changed linked Attribute, Description
DIALYSATE 24 HOUR VOLUME	Changed linked Attribute, Description
DIALYSATE EFFLUENT VOLUME (4 HOUR)	Changed linked Attribute, Description
DIALYSATE GLUCOSE END OF DWELL (4 HOUR)	Changed linked Attribute, Description
DIALYSATE GLUCOSE START OF DWELL (4 HOUR)	Changed linked Attribute, Description
DIASTOLIC BLOOD PRESSURE	Changed linked Attribute, Description
DIASTOLIC BLOOD PRESSURE (POST HAEMODIALYSIS)	Changed linked Attribute
DIASTOLIC BLOOD PRESSURE (PRE-HAEMODIALYSIS)	Changed linked Attribute
DISTANCE BEYOND MUSCULARIS PROPRIA	Changed linked Attribute, Description
DISTANCE FROM DENTATE LINE	Changed linked Attribute, Description
DISTANCE TO CIRCUMFERENTIAL EXCISION MARGIN	Changed linked Attribute, Description
DISTANCE TO CLOSEST NON PERITONEALISED RESECTION MARGIN	Changed linked Attribute, Description
DISTANCE TO DISTAL RESECTION MARGIN	Changed linked Attribute, Description
DISTANCE TO MARGIN	Changed linked Attribute, Description
DISTANCE TO SEROSA	Changed linked Attribute, Description
ESTIMATED ENERGY INTAKE	Changed Description
ESTIMATED GLOMERULAR FILTRATION RATE	Changed linked Attribute, Description
ESTIMATED POTASSIUM INTAKE	Changed Description
ESTIMATED PROTEIN INTAKE	Changed Description

FINAL EXCISION MARGIN AFTER WIDE LOCAL EXCISION	Changed Description
FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT)	Changed linked Attribute, Description
FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE)	Changed linked Attribute, Description
GAMMA GLUTAMYL TRANSFERASE CONCENTRATION	Changed linked Attribute, Description
GESTATION (DATING ULTRASOUND SCAN)	Changed linked Attribute, Description
GESTATION LENGTH (AT 6 - 8 WEEK PHYSICAL EXAMINATION)	Changed linked Attribute, Description
GESTATION LENGTH (AT BIRTH)	Changed linked Attribute, Description
GESTATION LENGTH (PREGNANCY FIRST CONTACT)	Changed linked Attribute, Description
HAEMOGLOBIN CONCENTRATION	Changed linked Attribute, Description
HAEMOGLOBIN CONCENTRATION (PRE-DIALYSIS)	Changed linked Attribute
HAEMOGLOBIN CONCENTRATION (PRIOR END STAGE RENAL FAILURE)	Changed linked Attribute
HAND GRIP STRENGTH	Changed linked Attribute, Description
HBA1C CONCENTRATION (DCCT)	Changed linked Attribute, Description
HBA1C CONCENTRATION (IFCC)	Changed linked Attribute, Description
HEAD CIRCUMFERENCE (RENAL PAEDIATRIC)	Changed linked Attribute, Description
HEART RATE	Changed linked Attribute, Description
HEIGHT IN CENTIMETRES FIRST VISIT	Changed linked Attribute
HIP MEASUREMENT	Changed linked Attribute, Description
HYPOCHROMIC RED CELLS PERCENTAGE	Changed linked Attribute, Description
INVASIVE THICKNESS	Changed linked Attribute, Description
INVASIVE TUMOUR SIZE	Changed Description
ISOTOPIC GLOMERULAR FILTRATION RATE (LIVING DONOR)	Changed linked Attribute, Description
LACTATE DEHYDROGENASE CONCENTRATION	Changed linked Attribute, Description
LESION SIZE (PATHOLOGICAL)	Changed Description
LESION SIZE (RADIOLOGICAL)	Changed Description
MEASURED 24HR CREATININE CLEARANCE	Changed linked Attribute, Description
MEASURED CREATININE CLEARANCE	Changed linked Attribute, Description
MEASURED GLOMERULAR FILTRATION RATE	Changed linked Attribute, Description
MID ARM CIRCUMFERENCE	Changed linked Attribute, Description
MITOTIC RATE	Changed linked Attribute, Description
MYCOPHENOLIC ACID TROUGH LEVEL (RECIPIENT)	Changed linked Attribute, Description
NEUTROPHIL COUNT	Changed linked Attribute, Description
NON INVASIVE TUMOUR SIZE	Changed Description
NORMALISED PROTEIN CATABOLIC RATE (DIALYSIS)	Changed linked Attribute, Description
NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE	Changed linked Attribute,

	Description
OBSERVATION DATE (ALANINE AMINOTRANSFERASE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (ALKALINE PHOSPHATASE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (ANTENATAL)	Changed Description
OBSERVATION DATE (ASPARTATE AMINOTRANSFERASE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (BILIRUBIN CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (BLOOD GASES TEST)	Changed linked Attribute, Description
OBSERVATION DATE (BLOOD PRESSURE)	Changed linked Attribute, Description
OBSERVATION DATE (BLOOD PRESSURE PRE-HAEMODIALYSIS)	Changed linked Attribute, Description
OBSERVATION DATE (BLOOD TEST)	Changed linked Attribute, Description
OBSERVATION DATE (BLOOD UREA CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (BMI)	Changed linked Attribute, Description
OBSERVATION DATE (BONE AGE)	Changed linked Attribute, Description
OBSERVATION DATE (CALCULATED CREATININE CLEARANCE)	Changed linked Attribute, Description
OBSERVATION DATE (CHEST X-RAY)	Changed linked Attribute, Description
OBSERVATION DATE (COMBINED KTV)	Changed linked Attribute, Description
OBSERVATION DATE (CORE ANTIBODY)	Changed linked Attribute, Description
OBSERVATION DATE (CYCLOSPORINE A 12 HOUR TROUGH LEVEL)	Changed linked Attribute, Description
OBSERVATION DATE (CYCLOSPORINE A 2 HOUR LEVEL C2)	Changed linked Attribute, Description
OBSERVATION DATE (CYTOMEGALOVIRUS)	Changed linked Attribute, Description
OBSERVATION DATE (CYTOMEGALOVIRUS POLYMERASE CHAIN REACTION VIRAL LOAD)	Changed linked Attribute, Description
OBSERVATION DATE (DIALYSATE 24 HOUR CREATININE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (DIALYSATE 24 HOUR PROTEIN LOSS)	Changed linked Attribute, Description
OBSERVATION DATE (DIALYSATE 24 HOUR UREA CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (DIALYSATE 24 HOUR VOLUME)	Changed linked Attribute, Description
OBSERVATION DATE (DIALYSATE KTV)	Changed linked Attribute, Description
OBSERVATION DATE (ELECTROCARDIOGRAM)	Changed linked Attribute, Description
OBSERVATION DATE (EPSTEIN-BARR VIRUS)	Changed linked Attribute, Description
OBSERVATION DATE (ESTIMATED GLOMERULAR FILTRATION RATE)	Changed linked Attribute, Description
OBSERVATION DATE (EYE EXAMINATION)	Changed linked Attribute, Description
OBSERVATION DATE (FOOT EXAMINATION)	Changed linked Attribute, Description
OBSERVATION DATE (FULL BLOOD COUNT TEST)	Changed linked Attribute, Description

OBSERVATION DATE (GAMMA GLUTAMYL TRANSFERASE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (GRAFT CLINICAL ASSESSMENT)	Changed linked Attribute, Description
OBSERVATION DATE (HAEMOGLOBIN CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (HBA1C LEVEL)	Changed linked Attribute, Description
OBSERVATION DATE (HEAD CIRCUMFERENCE)	Changed linked Attribute, Description
OBSERVATION DATE (HEIGHT)	Changed linked Attribute, Description
OBSERVATION DATE (HEPATITIS B ANTIBODY)	Changed linked Attribute, Description
OBSERVATION DATE (HEPATITIS B ANTIGEN)	Changed linked Attribute, Description
OBSERVATION DATE (HEPATITIS B E ANTIBODY)	Changed linked Attribute, Description
OBSERVATION DATE (HEPATITIS C ANTIBODY)	Changed linked Attribute, Description
OBSERVATION DATE (HIGH DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (HUMAN IMMUNODEFICIENCY VIRUS)	Changed linked Attribute, Description
OBSERVATION DATE (HYPOCHROMIC RED CELLS PERCENTAGE)	Changed linked Attribute, Description
OBSERVATION DATE (LACTATE DEHYDROGENASE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (LOW DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (MEASURED 24 HOUR CREATININE CLEARANCE)	Changed linked Attribute, Description
OBSERVATION DATE (MEASURED CREATININE CLEARANCE)	Changed linked Attribute, Description
OBSERVATION DATE (MEASURED GLOMERULAR FILTRATION RATE)	Changed linked Attribute, Description
OBSERVATION DATE (MYCOPHENOLIC ACID TROUGH LEVEL)	Changed linked Attribute, Description
OBSERVATION DATE (NET DAILY ULTRAFILTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (NORMALISED PROTEIN CATABOLIC RATE)	Changed linked Attribute, Description
OBSERVATION DATE (NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE)	Changed linked Attribute, Description
OBSERVATION DATE (PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME)	Changed linked Attribute, Description
OBSERVATION DATE (PERITONEAL EQUILIBRATION TEST)	Changed linked Attribute, Description
OBSERVATION DATE (PHOSPHATE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (PLATELETS COUNT)	Changed linked Attribute, Description
OBSERVATION DATE (PROTEIN CREATININE RATIO)	Changed linked Attribute, Description
OBSERVATION DATE (RED CELL FOLATE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (RESIDUAL RENAL CREATININE CLEARANCE)	Changed linked Attribute, Description
OBSERVATION DATE (RESIDUAL URINE OUTPUT)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM ALBUMIN CONCENTRATION)	Changed linked Attribute, Description

OBSERVATION DATE (SERUM ALUMINIUM CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM B12 CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM BICARBONATE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM CALCIUM CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM CHOLESTEROL LEVEL)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM C-REACTIVE PROTEIN CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM CREATININE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM CREATININE KTV)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM CREATININE LEVEL)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM FERRITIN CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM INTACT PARATHYROID HORMONE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM MAGNESIUM CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SERUM POTASSIUM CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (SIROLIMUS TROUGH LEVEL)	Changed linked Attribute, Description
OBSERVATION DATE (SODIUM CONCENTRATION)	Changed linked Attribute
OBSERVATION DATE (TACROLIMUS 12 HOUR TROUGH LEVEL)	Changed linked Attribute, Description
OBSERVATION DATE (TISSUE TYPING DONOR)	Changed linked Attribute, Description
OBSERVATION DATE (TISSUE TYPING RECIPIENT)	Changed linked Attribute, Description
OBSERVATION DATE (TOTAL CHOLESTEROL CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (TRANSFERRIN SATURATION)	Changed linked Attribute, Description
OBSERVATION DATE (TRIGLYCERIDES CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (URIC ACID CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (URINARY ALBUMIN LEVEL)	Changed linked Attribute, Description
OBSERVATION DATE (URINE CREATININE CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (URINE DIPSTICK TEST BLOOD)	Changed linked Attribute, Description
OBSERVATION DATE (URINE DIPSTICK TEST PROTEIN)	Changed linked Attribute, Description
OBSERVATION DATE (URINE KTV)	Changed linked Attribute, Description
OBSERVATION DATE (URINE UREA CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (URINE VOLUME)	Changed linked Attribute, Description
OBSERVATION DATE (VARICELLA-ZOSTER)	Changed linked Attribute, Description
OBSERVATION DATE (VITAMIN D CONCENTRATION)	Changed linked Attribute, Description
OBSERVATION DATE (WAIST MEASUREMENT)	Changed linked Attribute,

	Description
OBSERVATION DATE (WEIGHT)	Changed linked Attribute, Description
OBSERVATION DATE (WHITE BLOOD CELL COUNT)	Changed linked Attribute, Description
OBSERVATION DATE (WHOLE BLOOD MEAN CELL VOLUME)	Changed linked Attribute, Description
OBSERVATION DATE (WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (BLOOD PRESSURE)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (BLOOD PRESSURE AVERAGED)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (BLOOD PRESSURE HIGHEST)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (BLOOD PRESSURE LOWEST)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (FIRST BRAINSTEM DEATH TEST)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (HEART RATE)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (ISOTOPIC GLOMERULAR FILTRATION RATE)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (SECOND BRAINSTEM DEATH TEST)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (TEMPERATURE)	Changed linked Attribute, Description
OBSERVATION DATE AND TIME (URINE OUTPUT)	Changed linked Attribute, Description
PARTIAL PRESSURE CARBON DIOXIDE	Changed linked Attribute, Description
PARTIAL PRESSURE OXYGEN	Changed linked Attribute, Description
PERCENTAGE WEIGHT LOSS	Changed linked Attribute, Description
PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME	Changed linked Attribute, Description
PERSON HEIGHT IN CENTIMETRES	Changed linked Attribute, Description
PERSON HEIGHT IN METRES	Changed linked Attribute, Description
PERSON OBSERVATION (HBA1C LEVEL)	Changed linked Attribute, Description
PERSON OBSERVATION (SERUM CHOLESTEROL LEVEL)	Changed linked Attribute, Description
PERSON OBSERVATION (SERUM CREATININE LEVEL)	Changed linked Attribute, Description
PERSON OBSERVATION (URINARY ALBUMIN LEVEL)	Changed linked Attribute, Description
PERSON WEIGHT	Changed linked Attribute, Description
PERSON WEIGHT (POST DIALYSIS)	Changed linked Attribute, Description
PERSON WEIGHT (PRE-DIALYSIS)	Changed linked Attribute, Description
PERSON WEIGHT (RENAL CARE)	Changed linked Attribute, Description
PHOSPHATE CONCENTRATION	Changed linked Attribute, Description
PHOSPHATE CONCENTRATION (DONOR)	Changed linked Attribute
PLATELETS COUNT	Changed linked Attribute, Description

POSITIVE END-EXPIRATORY PRESSURE	Changed linked Attribute, Description
POTASSIUM CONCENTRATION (DONOR ON ADMISSION)	Changed linked Attribute, Description
POTASSIUM CONCENTRATION (DONOR ON RETRIEVAL)	Changed linked Attribute, Description
PRESCRIBED DOSE	Changed Description
PRESCRIBED DOSE (ALEMTUZUMAB)	Changed Description
PRESCRIBED DOSE (ANTI-HUMAN T-LYMPHOCYTE GLOBULIN)	Changed Description
PRESCRIBED DOSE (ANTITHYMOCYTE GLOBULIN)	Changed Description
PRESCRIBED DOSE (AZATHIOPRINE)	Changed Description
PRESCRIBED DOSE (BASILIXIMAB)	Changed Description
PRESCRIBED DOSE (CICLOSPORIN)	Changed Description
PRESCRIBED DOSE (DACLIZUMAB)	Changed Description
PRESCRIBED DOSE (GROWTH HORMONE)	Changed Description
PRESCRIBED DOSE (MUROMONAB-CD3)	Changed Description
PRESCRIBED DOSE (MYCOPHENOLATE MOFETIL)	Changed Description
PRESCRIBED DOSE (MYCOPHENOLATE SODIUM)	Changed Description
PRESCRIBED DOSE (PREDNISOLONE OR PREDNISONE)	Changed Description
PRESCRIBED ITEM (VOLUME OF 136 GLUCOSE FLUID)	Changed Description
PRESCRIBED ITEM (VOLUME OF 227 GLUCOSE FLUID)	Changed Description
PRESCRIBED ITEM (VOLUME OF 386 GLUCOSE FLUID)	Changed Description
PRESCRIBED ITEM (VOLUME OF AMINO ACID DIALYSIS FLUID)	Changed Description
PRESCRIBED ITEM (VOLUME OF ICODEXTRIN DIALYSIS FLUID)	Changed Description
PRESCRIBED ITEM SIZE (PERITONEAL BAG)	Changed linked Attribute, Description
PRESCRIBED ITEM VOLUME USAGE PER OVERNIGHT (PERITONEAL DIALYSIS FLUID ON AUTOMATED PERITONEAL DIALYSIS)	Changed Description
PRESCRIBED TOTAL DAILY DOSE (ALEMTUZUMAB)	Changed Description
PRESCRIBED TOTAL DAILY DOSE (AZATHIOPRINE)	Changed Description
PRESCRIBED TOTAL DAILY DOSE (CICLOSPORIN)	Changed Description
PRESCRIBED TOTAL DAILY DOSE (DACLIZUMAB)	Changed Description
PRESCRIBED TOTAL DAILY DOSE (MYCOPHENOLATE SODIUM)	Changed Description
PRESCRIBED TOTAL DAILY DOSE (TACROLIMUS)	Changed Description
PRIMARY TUMOUR SIZE (RADIOLOGICAL)	Changed Description
PROSTATE SPECIFIC ANTIGEN (DIAGNOSIS)	Changed linked Attribute, Description
PROSTATE SPECIFIC ANTIGEN (PRE-TREATMENT)	Changed linked Attribute, Description
PROTEIN CREATININE RATIO	Changed linked Attribute, Description
RADIOTHERAPY ACTUAL DOSE	Changed Description
RADIOTHERAPY PRESCRIBED DOSE	Changed Description
RADIOTHERAPY TOTAL DOSE	Changed Description
RED CELL FOLATE CONCENTRATION	Changed linked Attribute, Description
RESIDUAL RENAL CREATININE CLEARANCE	Changed linked Attribute, Description
SATURATION PERCENTAGE	Changed linked Attribute, Description
SERUM ALBUMIN CONCENTRATION	Changed linked Attribute, Description
SERUM ALBUMIN CONCENTRATION (DONOR)	Changed linked Attribute
SERUM ALUMINIUM CONCENTRATION	Changed linked Attribute, Description
SERUM B12 CONCENTRATION	Changed linked Attribute, Description
SERUM BICARBONATE CONCENTRATION	Changed linked Attribute,

	Description
SERUM CALCIUM CONCENTRATION	Changed linked Attribute, Description
SERUM CALCIUM CONCENTRATION (DONOR)	Changed linked Attribute
SERUM C-REACTIVE PROTEIN CONCENTRATION	Changed linked Attribute, Description
SERUM CREATININE CONCENTRATION	Changed linked Attribute, Description
SERUM CREATININE CONCENTRATION (DONOR)	Changed linked Attribute
SERUM CREATININE CONCENTRATION (DONOR ON ADMISSION)	Changed linked Attribute
SERUM CREATININE CONCENTRATION (DONOR ON RETRIEVAL)	Changed linked Attribute
SERUM CREATININE CONCENTRATION (PRE-DIALYSIS)	Changed linked Attribute
SERUM CREATININE CONCENTRATION (PRIOR END STAGE RENAL FAILURE)	Changed linked Attribute
SERUM CREATININE KTV	Changed linked Attribute
SERUM FERRITIN CONCENTRATION	Changed linked Attribute, Description
SERUM INTACT PARATHYROID HORMOME CONCENTRATION	Changed linked Attribute, Description
SERUM MAGNESIUM CONCENTRATION	Changed linked Attribute, Description
SERUM POTASSIUM CONCENTRATION	Changed linked Attribute, Description
SERUM UREA CONCENTRATION (POST DIALYSIS)	Changed linked Attribute, Description
SERUM UREA CONCENTRATION (PRE-DIALYSIS)	Changed linked Attribute, Description
SIROLIMUS TROUGH LEVEL (RECIPIENT)	Changed linked Attribute, Description
SPLEEN BELOW COSTAL MARGIN	Changed Description
SYSTOLIC BLOOD PRESSURE	Changed linked Attribute, Description
SYSTOLIC BLOOD PRESSURE (POST HAEMODIALYSIS)	Changed linked Attribute
SYSTOLIC BLOOD PRESSURE (PRE-HAEMODIALYSIS)	Changed linked Attribute
TACROLIMUS 12 HOUR TROUGH LEVEL (RECIPIENT)	Changed linked Attribute, Description
TEMPERATURE	Changed linked Attribute, Description
TRANSFERRIN SATURATION	Changed linked Attribute, Description
TRIGLYCERIDES CONCENTRATION	Changed linked Attribute, Description
TUMOUR HEIGHT ABOVE ANAL VERGE	Changed linked Attribute, Description
URIC ACID CONCENTRATION	Changed linked Attribute, Description
URINARY ALBUMIN LEVEL TESTING METHOD	Changed Description
URINE CREATININE CONCENTRATION	Changed linked Attribute, Description
URINE KTV	Changed linked Attribute
URINE OUTPUT LAST 24 HOURS	Changed linked Attribute, Description
URINE OUTPUT LAST HOUR	Changed linked Attribute, Description
URINE UREA CONCENTRATION	Changed linked Attribute, Description
URINE VOLUME	Changed linked Attribute, Description
VIRAL LOAD COUNT	Changed linked Attribute, Description

VITAMIN D CONCENTRATION	Changed linked Attribute, Description
WAIST MEASUREMENT	Changed linked Attribute, Description
WHITE BLOOD CELL COUNT	Changed linked Attribute, Description
WHITE BLOOD CELL COUNT (HIGHEST PRETREATMENT)	Changed linked Attribute
WHITE BLOOD CELL COUNT (PERITONEAL FLUID)	Changed linked Attribute, Description
WHOLE BLOOD MEAN CELL VOLUME (DIALYSIS)	Changed linked Attribute, Description
WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN (DIALYSIS)	Changed linked Attribute, Description
WHOLE TUMOUR SIZE	Changed Description

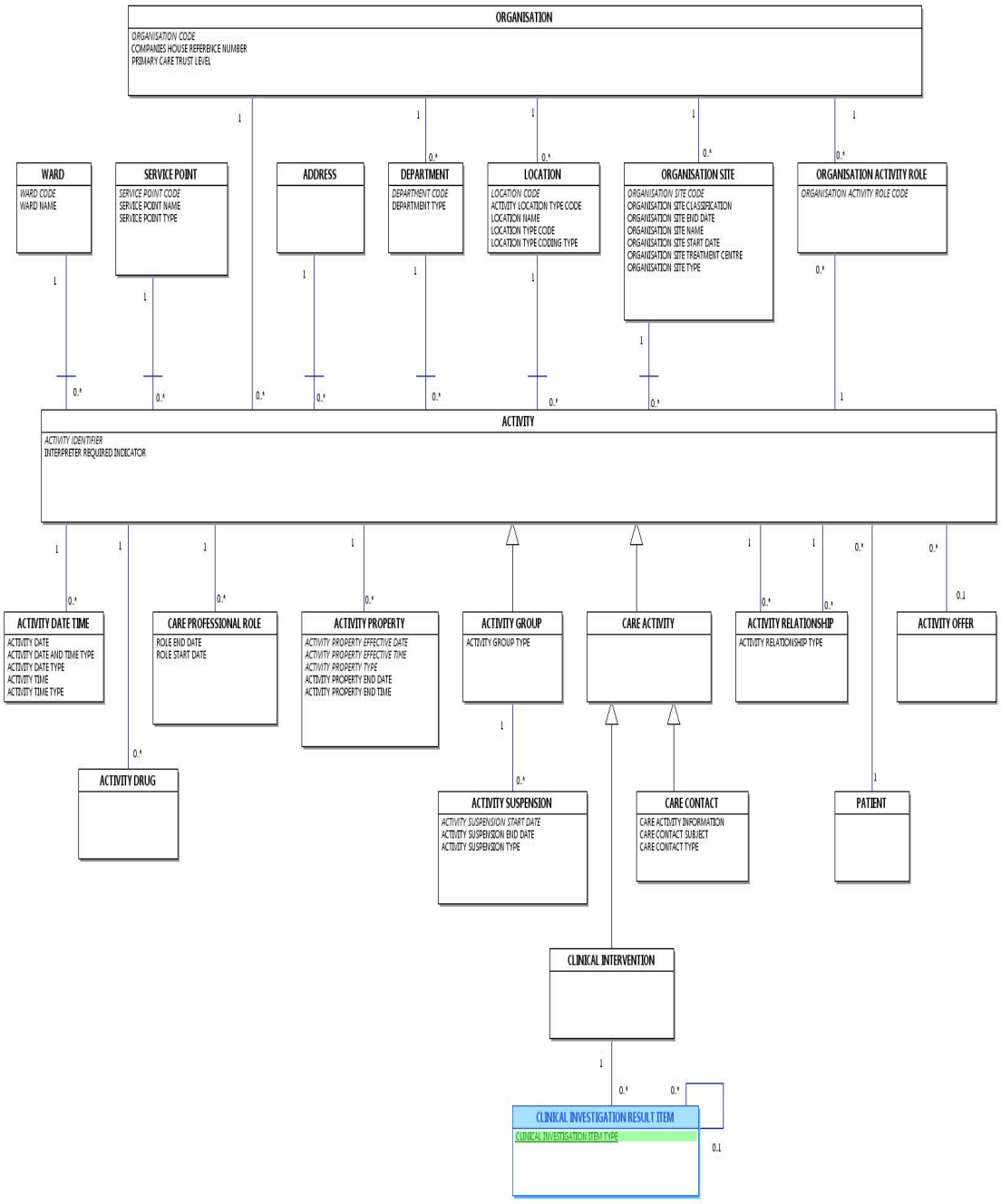
Date: 7 November 2013

Sponsor: Ken Lunn, Head of Information Standards Delivery, Health and Social Care Information Centre

Note: New text is shown with a blue background. Deleted text is crossed out. Retired text is shown in grey. Within the Diagrams deleted classes and relationships are red, changed items are blue and new items are green.

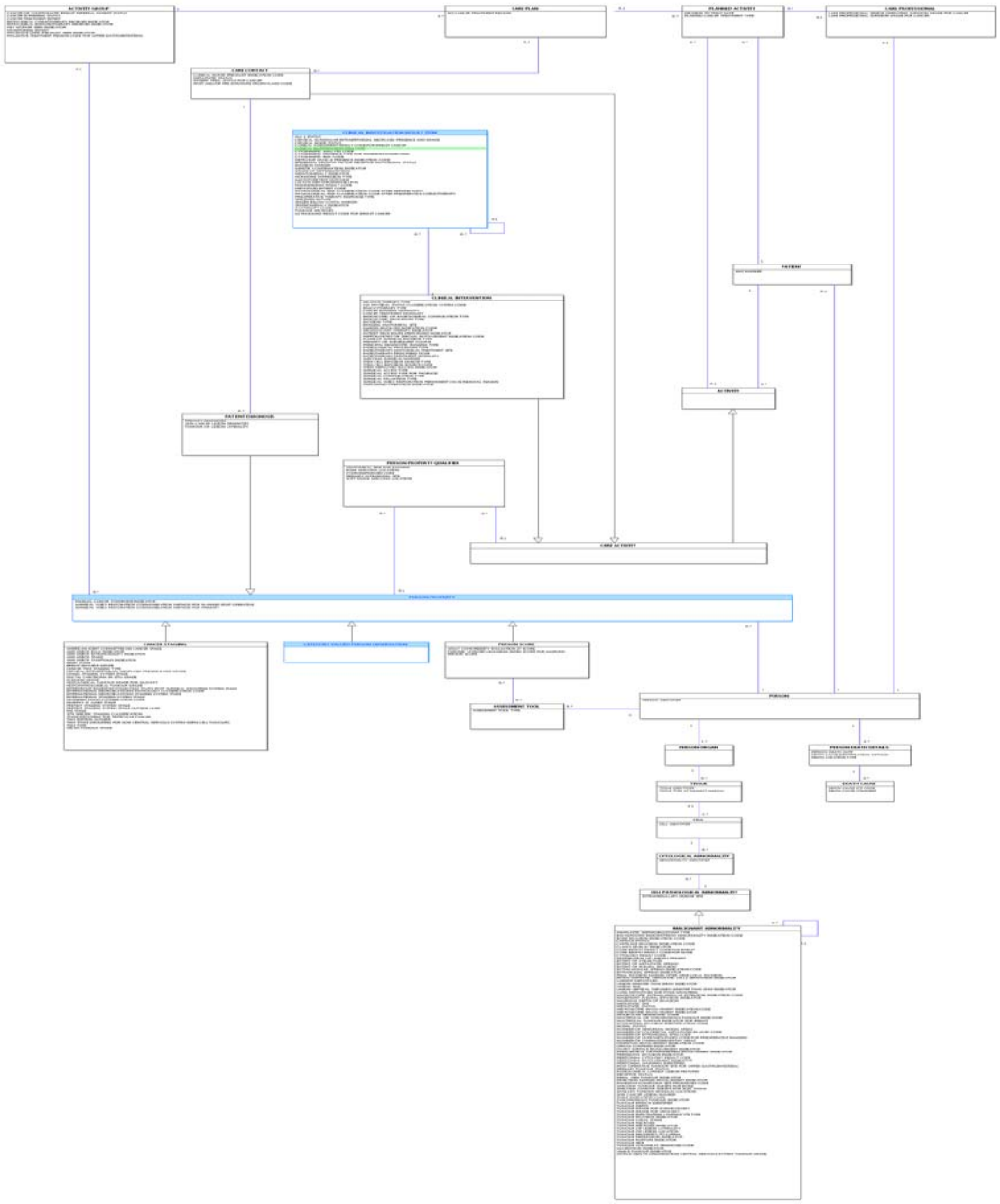
ACTIVITY DIAGRAM

Change to Diagram: Changed Diagram



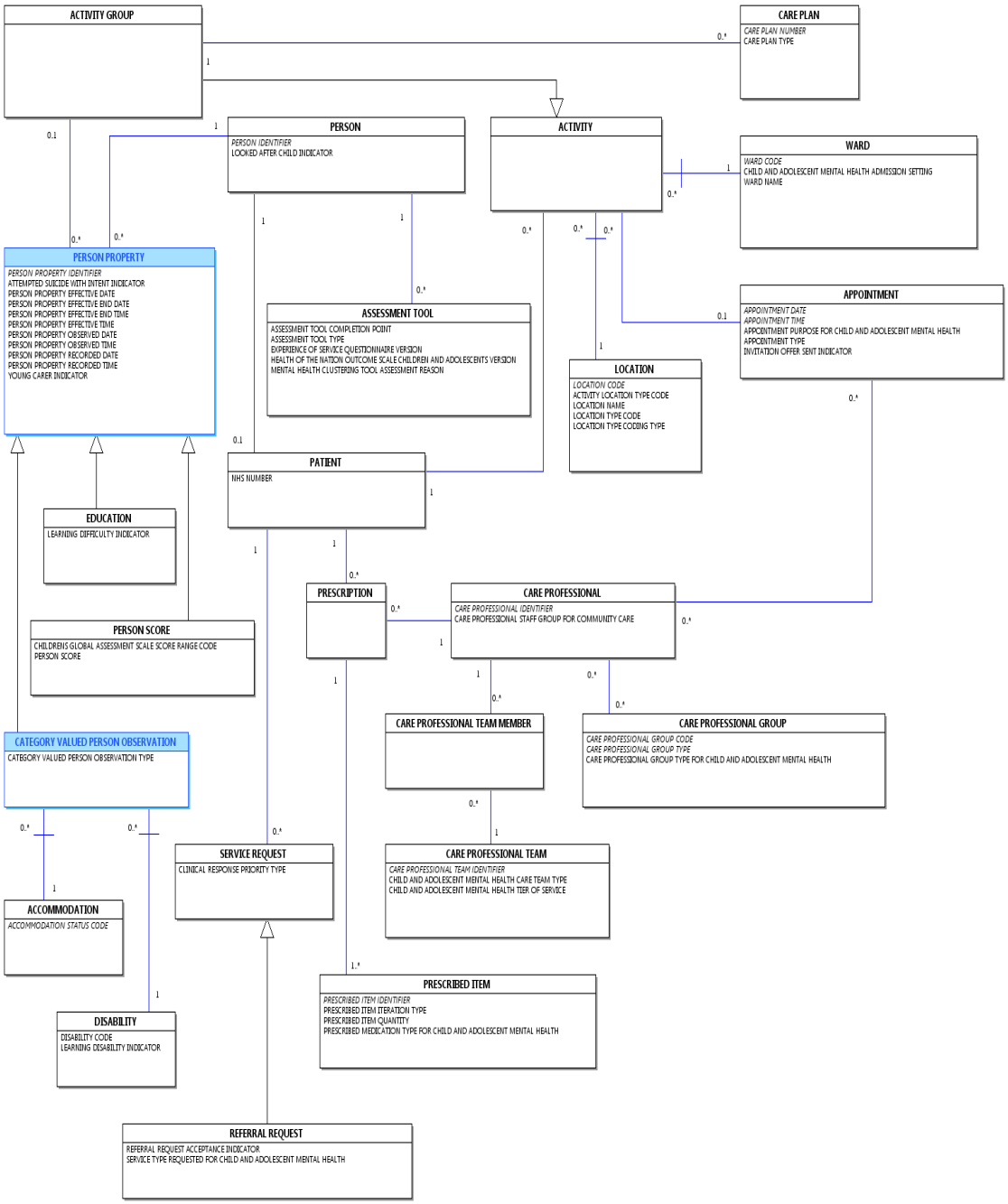
CANCER OUTCOMES AND SERVICES DIAGRAM

Change to Diagram: Changed Diagram



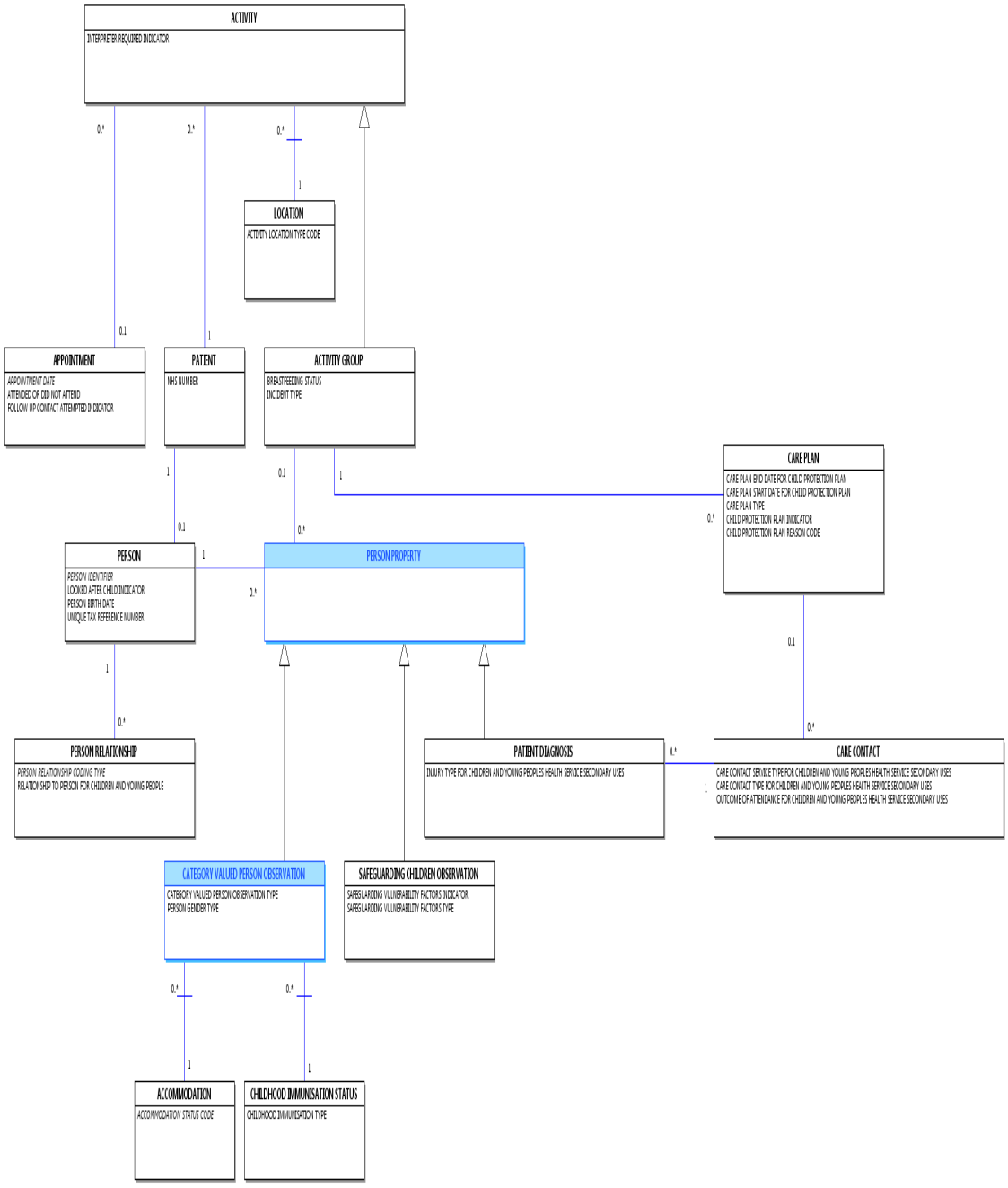
CHILD AND ADOLESCENT MENTAL HEALTH SERVICES SECONDARY USES DIAGRAM

Change to Diagram: Changed Diagram



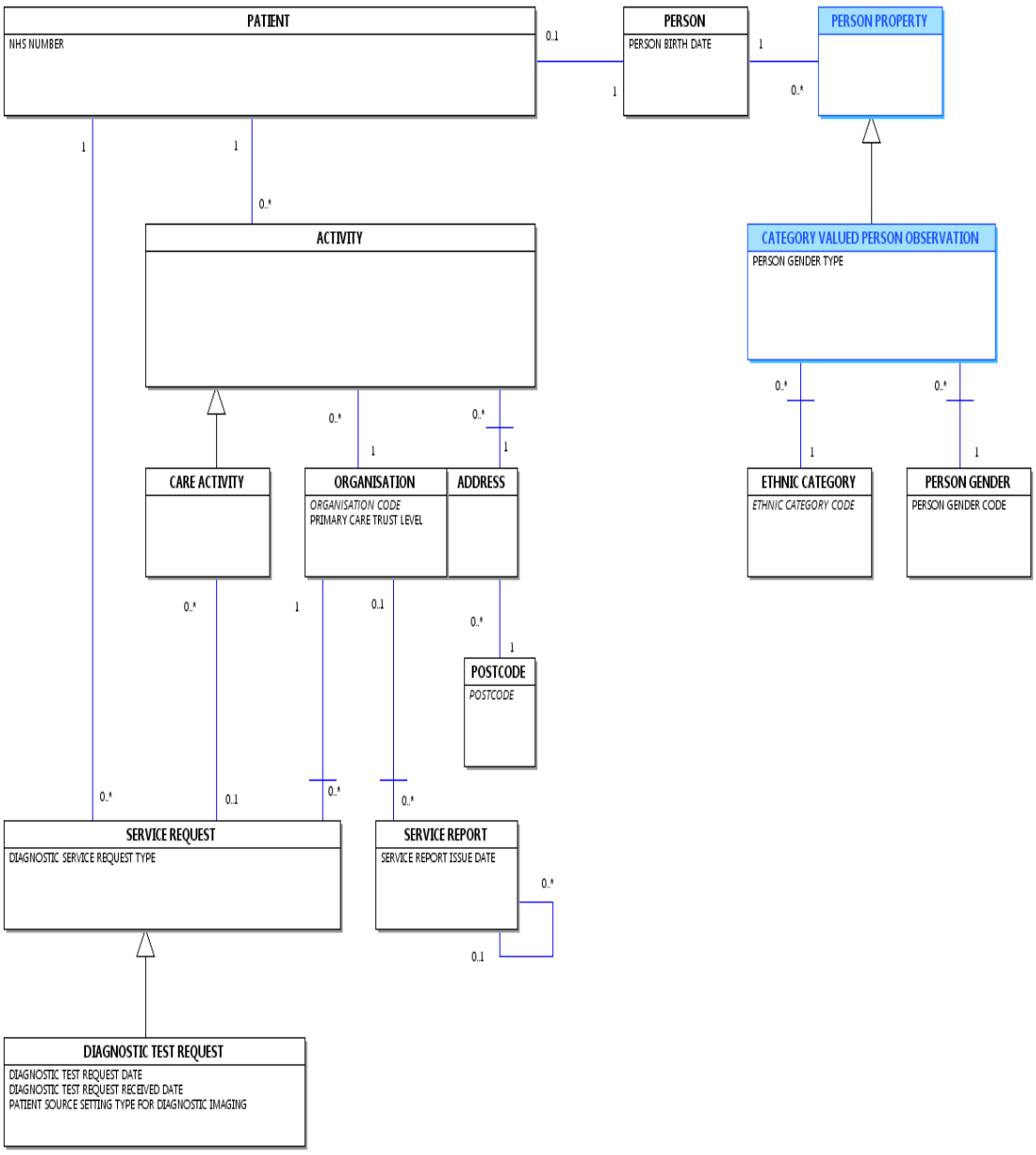
CHILDREN AND YOUNG PEOPLE'S HEALTH SERVICE SECONDARY USES DIAGRAM

Change to Diagram: Changed Diagram



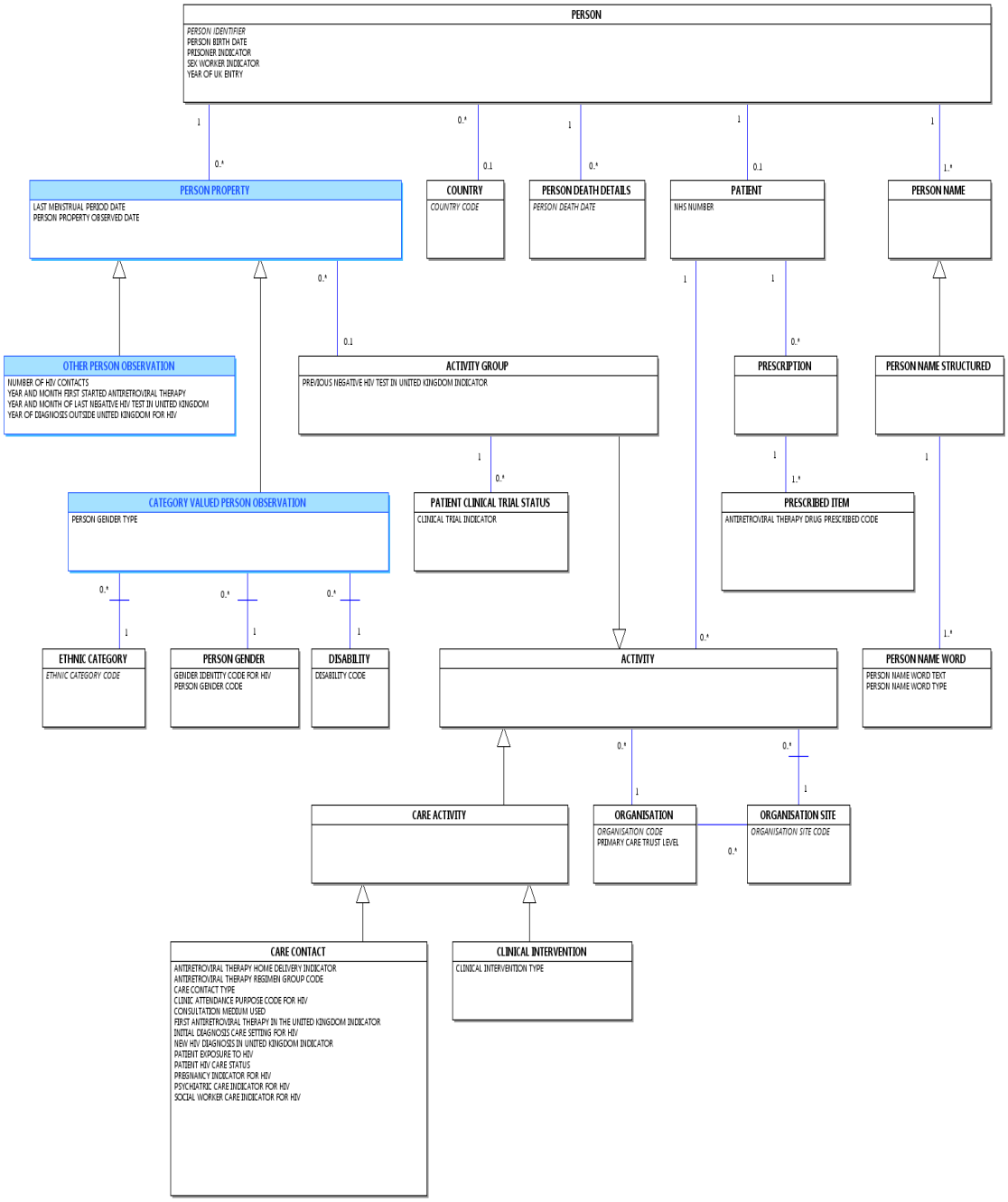
DIAGNOSTIC IMAGING DIAGRAM

Change to Diagram: Changed Diagram



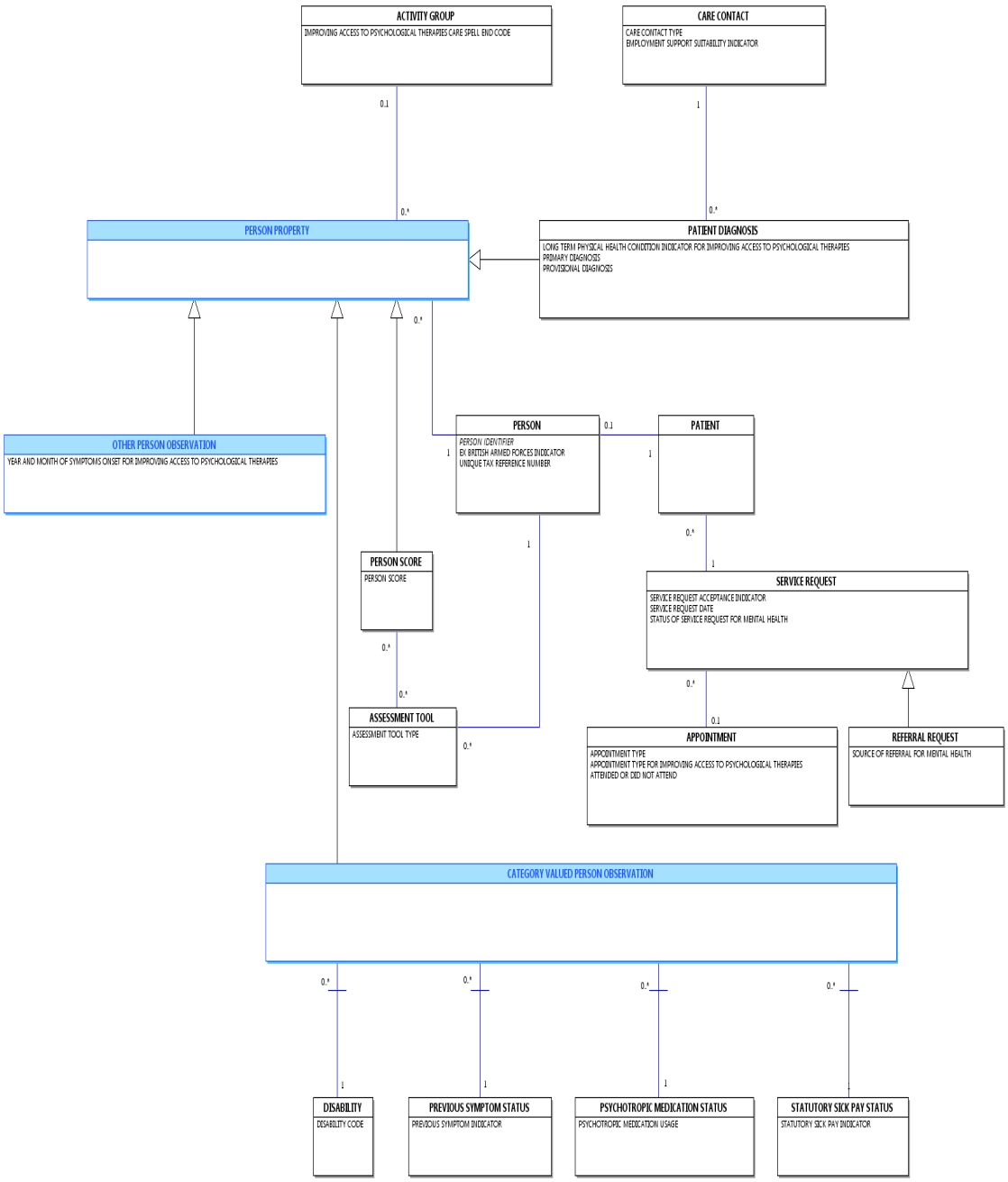
HIV AND AIDS DIAGRAM

Change to Diagram: Changed Diagram



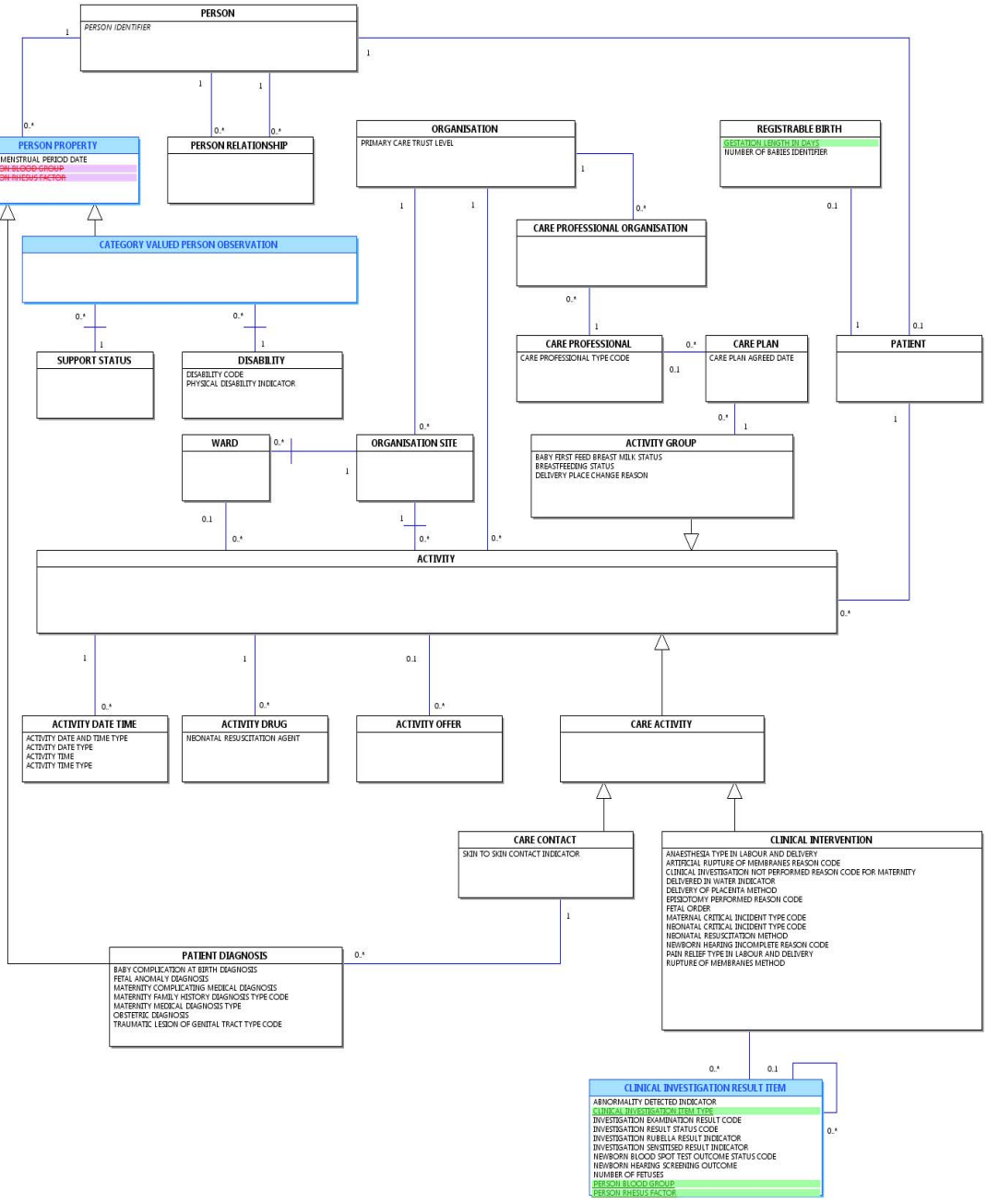
IMPROVING ACCESS TO PSYCHOLOGICAL THERAPIES DIAGRAM

Change to Diagram: Changed Diagram



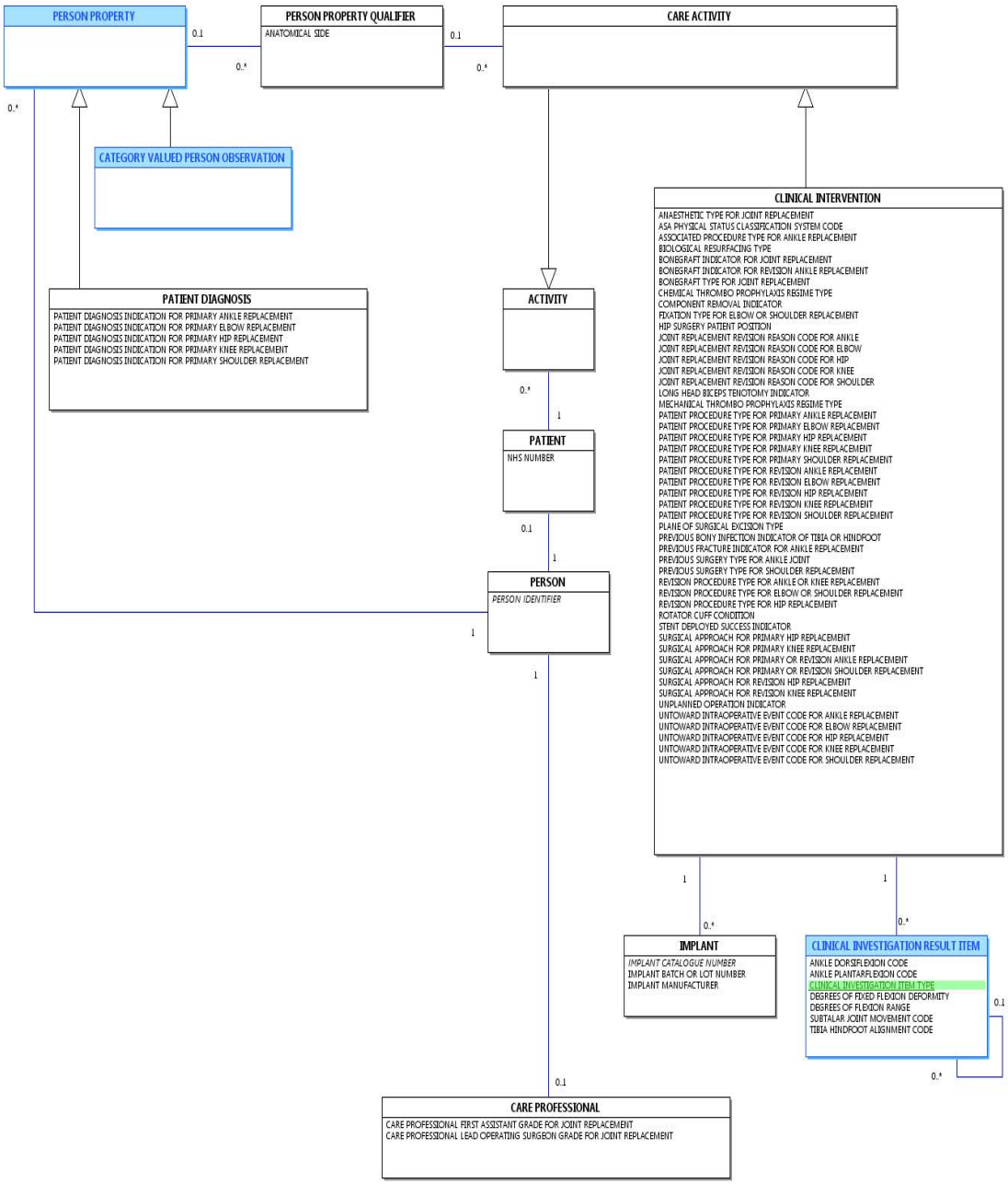
MATERNITY SERVICES SECONDARY USES DIAGRAM

Change to Diagram: Changed Diagram



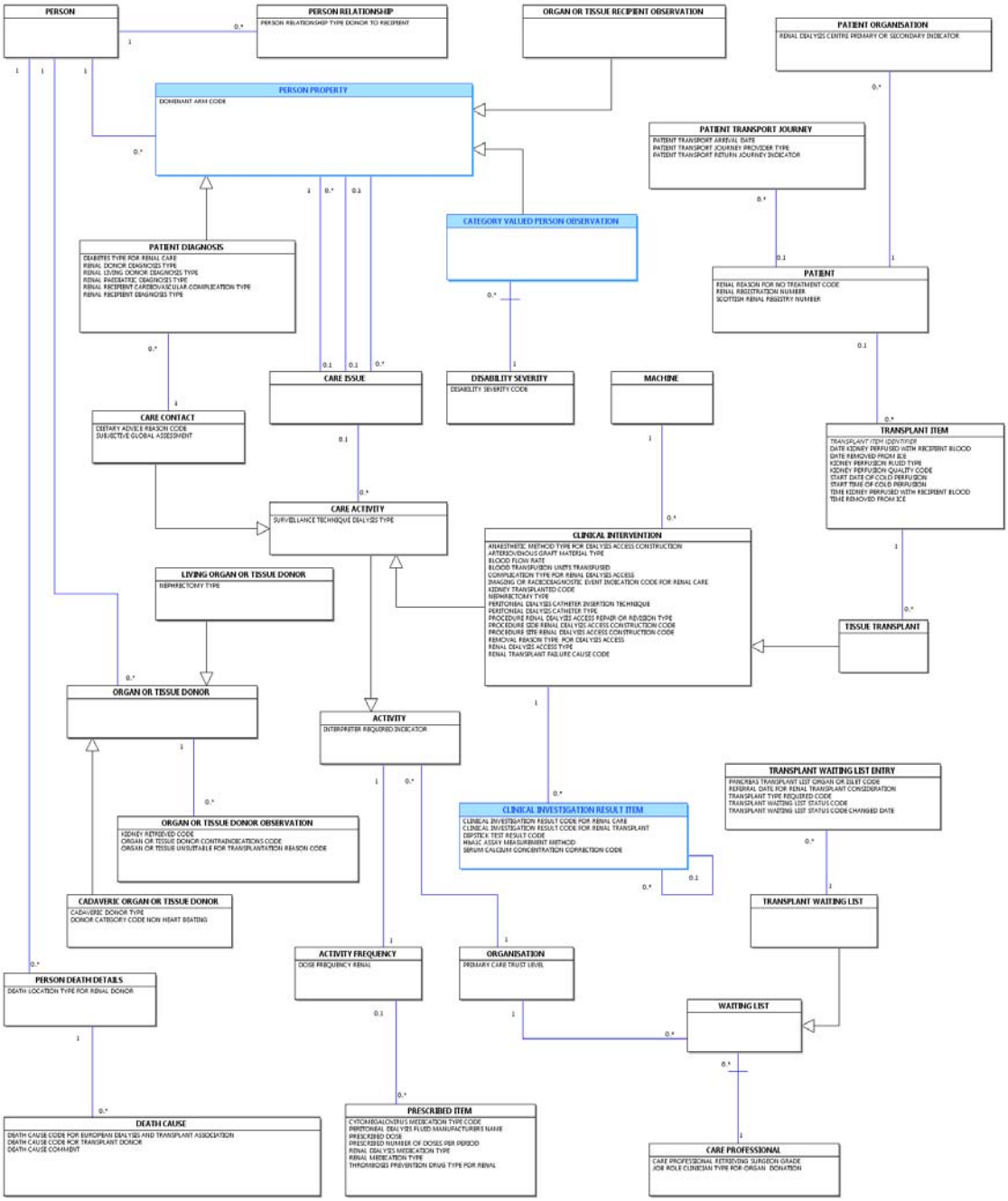
NATIONAL JOINT REGISTRY DIAGRAM

Change to Diagram: Changed Diagram



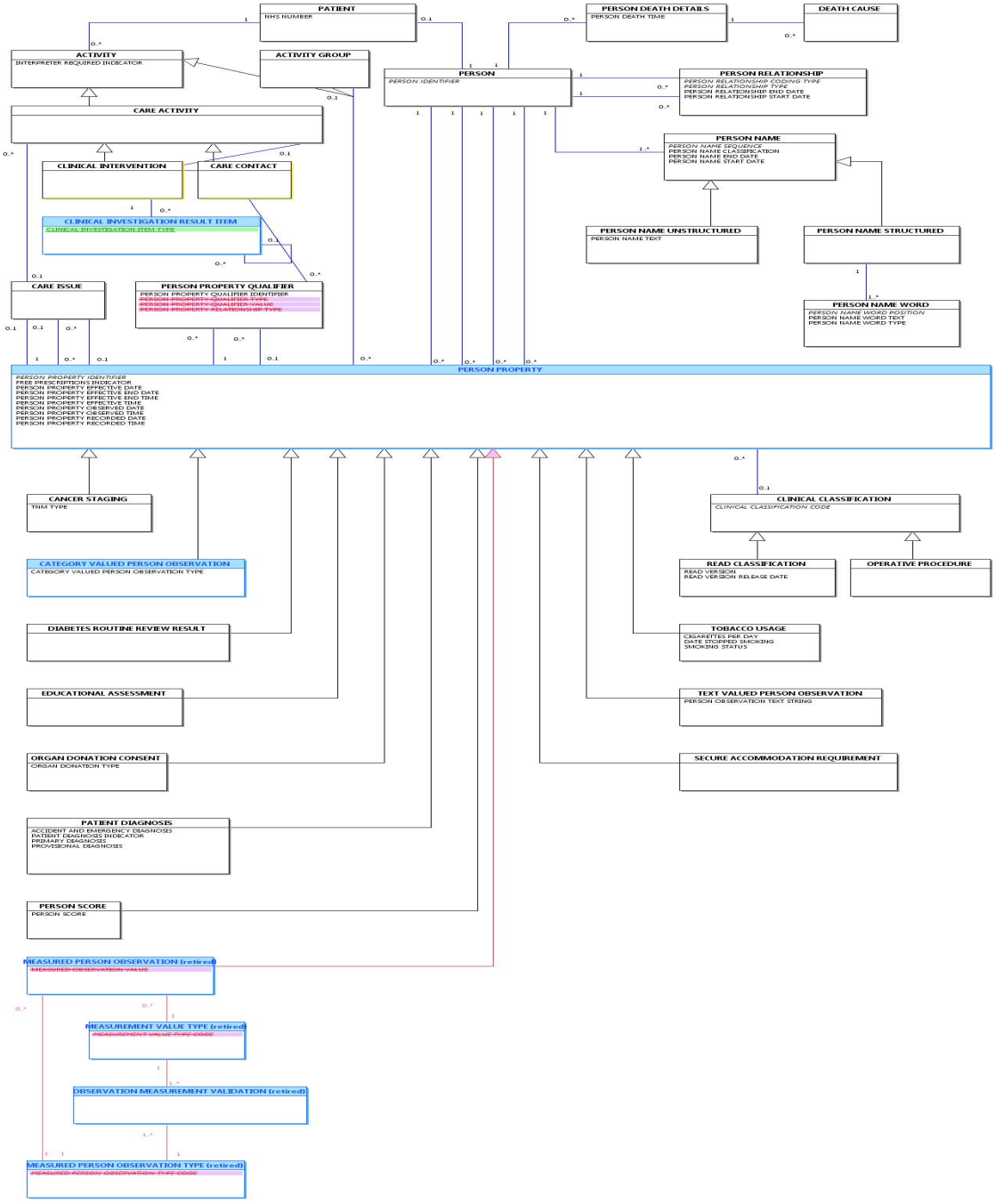
NATIONAL RENAL DIAGRAM

Change to Diagram: Changed Diagram



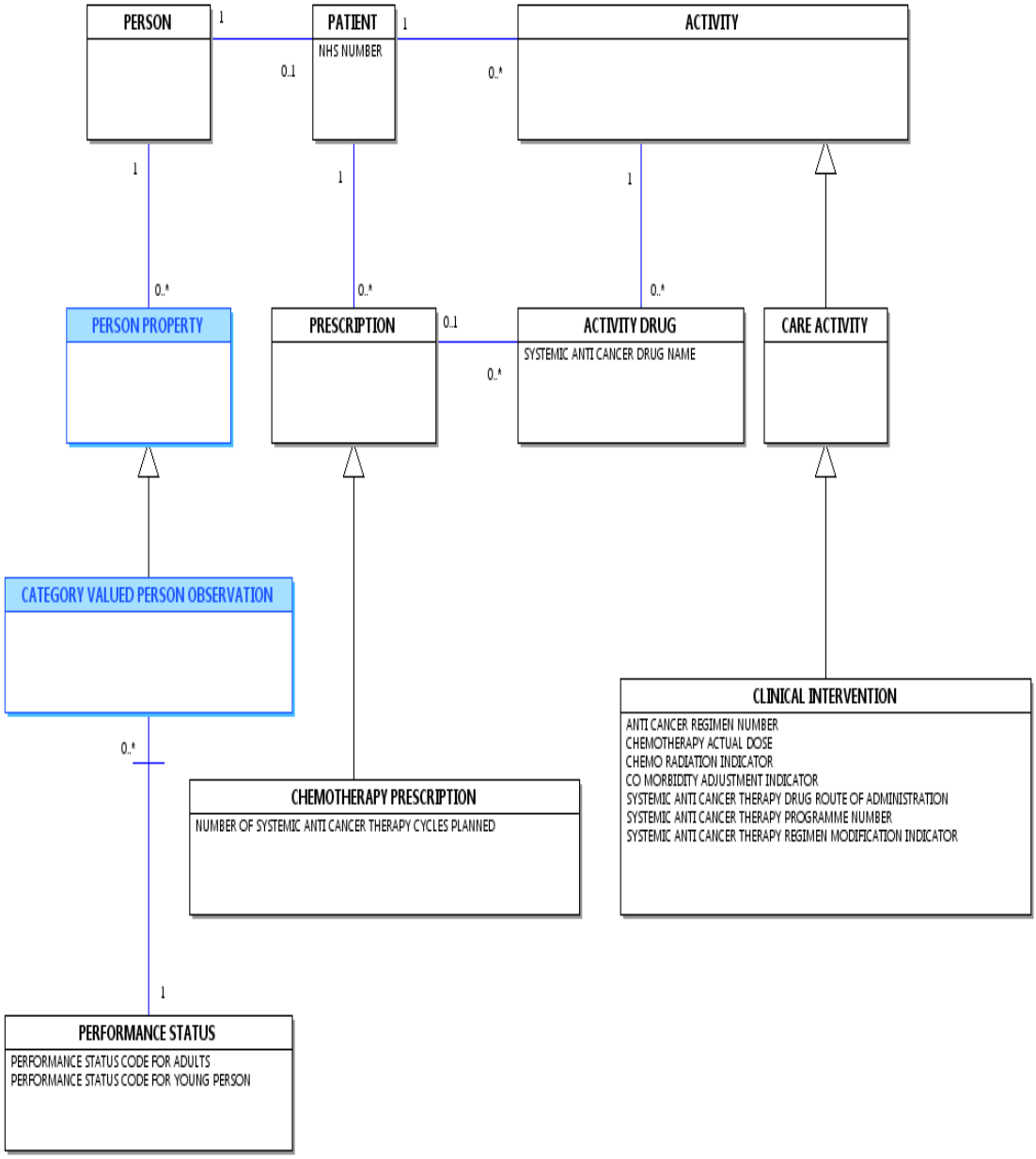
PERSON AND PERSON PROPERTY DIAGRAM

Change to Diagram: Changed Diagram



SYSTEMIC ANTI-CANCER THERAPY DIAGRAM

Change to Diagram: Changed Diagram



ABO SYSTEM

Change to Supporting Information: Changed Description

~~The ABO System is a classification for CLINICAL INVESTIGATION RESULT ITEM.~~The ABO System is a CLINICAL CLASSIFICATION.

The ABO System is a system of 4 basic types into which human blood may be classified according to the presence or absence of particular antigens:

- A - Blood group A has A antigens in its red blood cells and anti-B antibodies in its plasma;
- B - Blood group B has B antigens and anti-A antibodies in its plasma;
- O - Blood group O blood has no antigens but both anti-A and anti-B antibodies
- AB - Blood group AB has both A and B antigens but no antibodies, as it would destroy itself.

For further information on the ABO System, see the NHS Choices website.

ABO SYSTEM

Change to Supporting Information: Changed Description

- Changed Description

ANAESTHETIC SERVICE

Change to Supporting Information: Changed Description

~~Anaesthetic Service is a CLINICAL INTERVENTION.~~An Anaesthetic Service is an Item Of Service Delivery.

~~An item of Service Delivery.~~

~~The administration of a general anaesthetic, other than in connection with a Maternity Medical Service, which requires the services of a second GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.~~An Anaesthetic Service is the administration of a general anaesthetic, other than in connection with a Maternity Medical Service, which requires the services of a second GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed. The fee is payable whether the anaesthetic is administered by the GENERAL MEDICAL PRACTITIONER requesting the services of a second GENERAL MEDICAL PRACTITIONER, or by the second GENERAL MEDICAL PRACTITIONER.

~~Note that Items of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.~~Note that Items Of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.

References:
Statement of Fees and Allowances Payable to General Medical Practitioners in England and Wales.

BIRTH LENGTH

Change to Supporting Information: Changed Description

~~Birth Length is a MEASURED PERSON OBSERVATION.~~Birth Length is a CLINICAL INVESTIGATION RESULT ITEM.

Birth Length is the length of a baby at birth.

BIRTH WEIGHT

Change to Supporting Information: Changed Description

~~Birth Weight~~ ~~is a~~ ~~MEASURED PERSON OBSERVATION~~.Birth Weight is a CLINICAL INVESTIGATION RESULT ITEM.

Birth Weight is the Weight of a baby at birth.

BLOOD PRESSURE

Change to Supporting Information: Changed Description

~~Blood Pressure~~ ~~is a~~ ~~PERSON PROPERTY~~.Blood Pressure is a CLINICAL INVESTIGATION RESULT ITEM.

~~Blood Pressure~~ ~~is the the pressure of the blood within the arteries and is comprised of:~~Blood Pressure is the pressure of the blood within the arteries and is comprised of:

- Systolic Blood Pressure and
- Diastolic Blood Pressure.

BLOOD TRANSFUSION

Change to Supporting Information: Changed Description

~~A Blood Transfusion~~ ~~is a~~ ~~CLINICAL INTERVENTION~~.A Blood Transfusion is a CLINICAL INTERVENTION.

~~A Blood Transfusion is a procedure which is undertaken to replace blood that might be lost for example, during surgery or due to a serious injury. It is also performed when the PATIENT is unable to produce blood properly because of an illness.~~A Blood Transfusion is a procedure which is undertaken to replace blood that might be lost for example, during surgery or due to a serious injury.

A Blood Transfusion is also performed when the PATIENT is unable to produce blood properly because of an illness.

For further information on Blood Transfusions, see the NHS Choices website.

BODY MASS INDEX

Change to Supporting Information: Changed Description

~~Body Mass Index~~ ~~(~~BMI~~)~~ ~~is a~~ ~~PERSON PROPERTY~~.Body Mass Index (BMI) is a CLINICAL INVESTIGATION RESULT ITEM.

Body Mass Index is a measure of body fat based on Height and Weight.

For further information on Body Mass Index, see the NHS Choices website.

BONE AGE

Change to Supporting Information: Changed Description

~~Bone Age is a MEASURED PERSON OBSERVATION~~Bone Age is a CLINICAL INVESTIGATION RESULT ITEM.

Bone Age is the radiological bone age, following an assessment by a radiologist viewing X-rays of the PATIENT's hand and wrist.

CERVICAL GLANDULAR INTRA-EPITHELIAL NEOPLASIA renamed from CERVICAL GLANDULAR INTRAEPITHELIAL NEOPLASIA

Change to Supporting Information: Changed Name, Description

~~Cervical Glandular Intraepithelial Neoplasia is a CLINICAL INVESTIGATION RESULT ITEM.~~Cervical Glandular Intra-epithelial Neoplasia is a PATIENT DIAGNOSIS.

~~Cervical Glandular Intraepithelial Neoplasia is used for PATIENTS with cervical cancer to identify the inner glandular CELLS of the cervix.~~Cervical Glandular Intra-epithelial Neoplasia is used for PATIENTS with cervical cancer to identify the inner glandular CELLS of the cervix.

CERVICAL INTRA-EPITHELIAL NEOPLASIA renamed from CERVICAL INTRAEPITHELIAL NEOPLASIA

Change to Supporting Information: Changed Name, Description

~~Cervical Intraepithelial Neoplasia is a CANCER STAGING.~~Cervical Intra-epithelial Neoplasia is a CANCER STAGING.

~~A Cervical Intraepithelial Neoplasia is divided into grades and is used for PATIENTS with cervical cancer and may be used to describe how abnormal the CELLS are and how much of the cervical TISSUE is involved.~~A Cervical Intra-epithelial Neoplasia is divided into grades and is used for PATIENTS with cervical cancer and may be used to describe how abnormal the CELLS are and how much of the cervical TISSUE is involved.

~~For further information on Cervical Intraepithelial Neoplasia, see the National Cancer Institute website.~~For further information on Cervical Intra-epithelial Neoplasia, see the National Cancer Institute website.

CLINICAL INTERVENTION DATE AND TIME

Change to Supporting Information: New Supporting Information

A Clinical Intervention Date and Time is an ACTIVITY DATE TIME.

A Clinical Intervention Date and Time is the Clinical Intervention Date and Clinical Intervention Time of the occurrence of the CLINICAL INTERVENTION.

This supporting information is also known by these names:

Context	Alias
plural	Clinical Intervention Dates

CLINICAL INTERVENTION TIME

Change to Supporting Information: New Supporting Information

A Clinical Intervention Time is an ACTIVITY DATE TIME.

A Clinical Intervention Time is the time of the occurrence of the CLINICAL INTERVENTION.

This supporting information is also known by these names:

Context	Alias
plural	Clinical Intervention Times

CLINICAL INVESTIGATION

Change to Supporting Information: Changed Description

A Clinical Investigation is a CLINICAL INTERVENTION.

A Clinical Investigation is a clinical test or investigation offered to or carried out on a PERSON.

Clinical Investigations may include blood tests for specific antibodies, scans or physical examinations for specific diseases.

A Clinical Investigation may include a Patient Procedure, where it is both diagnostic and therapeutic, for example, certain endoscopic procedures.

CONTRACEPTIVE SERVICE

Change to Supporting Information: Changed Description

~~Contraceptive Service is a CLINICAL INTERVENTION.~~A Contraceptive Service is a SERVICE.

~~An Item of Service Delivery.~~A Contraceptive Service is the delivery of Contraceptive Services to a PERSON by a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.

~~The delivery of Contraceptive Services to a PERSON by a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.~~

~~Note that Items of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.~~

~~References:~~
~~Statement of Fees and Allowances Payable to General Medical Practitioners in England and Wales.~~

DENTAL HAEMORRHAGE SERVICE

Change to Supporting Information: Changed Description

~~Dental Haemorrhage Service~~ ~~is a~~ ~~CLINICAL INTERVENTION~~.A Dental Haemorrhage Service is an Item Of Service Delivery.

~~An Item of Service Delivery.~~A Dental Haemorrhage Service is the arresting of a dental haemorrhage or provision of aftercare treatment associated with the dental haemorrhage, delivered by a GENERAL MEDICAL PRACTITIONER to a PATIENT, for which a fee may be claimed.

~~The arresting of a dental haemorrhage or provision of after care treatment associated with the dental haemorrhage, delivered by a GENERAL MEDICAL PRACTITIONER to a PATIENT, for which a fee may be claimed.~~Note that Items Of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.

~~Note that Items of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.~~

References:
Statement of Fees and Allowances Payable to General Medical Practitioners in England and Wales.

DENTAL TREATMENT

Change to Supporting Information: Changed Description

Dental Treatment is a CLINICAL INTERVENTION.

~~A delivery of dental care of a single~~ ~~DENTAL TREATMENT CLASSIFICATIONS~~ ~~given during a~~ ~~Dental Treatment Contact~~. ~~This includes all treatment given by community dental services outside~~ ~~Oral Health Programme~~.Dental Treatment is the delivery of dental care of a single DENTAL TREATMENT CLASSIFICATION given during a Dental Treatment Contact. This includes all treatment given by community dental services outside an Oral Health Programme.

DIASTOLIC BLOOD PRESSURE

Change to Supporting Information: Changed Description

~~Diastolic Blood Pressure~~ ~~is a~~ ~~MEASURED PERSON OBSERVATION~~.Diastolic Blood Pressure is part of a Blood Pressure reading, which is a CLINICAL INVESTIGATION RESULT ITEM.

Diastolic Blood Pressure is the reading of a PATIENT's Blood Pressure relaxing between heart beats.

DOMINANT ARM (RETIRED)_ renamed from DOMINANT ARM

Change to Supporting Information: Changed Name, status to Retired, Description

~~Dominant Arm~~ ~~is a~~ ~~PERSON PROPERTY~~ **This item has been retired from the NHS Data Model and Dictionary.**

~~Dominant Arm~~ ~~is recorded for the purposes of measuring a~~ ~~PATIENT~~'s ~~Blood Pressure~~.**The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.**

~~Blood Pressure differences are common between readings when taken from both PATIENT's arms, and may be slightly higher in the PERSON's Dominant Arm. For example, if the PERSON is left-handed, the left arm may have a slightly higher reading than the right arm.~~**Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.**

DOMINANT ARM (RETIRED)_ renamed from DOMINANT ARM

Change to Supporting Information: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.NHS_Business_Definitions.D.Dominant_Arm to Retired.Data_Dictionary.NHS_Business_Definitions.D.Dominant_Arm
- Retired Dominant Arm
- Changed Description

DRY WEIGHT

Change to Supporting Information: Changed Description

~~Dry Weight is a MEASURED PERSON OBSERVATION.~~Dry Weight is a CLINICAL INVESTIGATION RESULT ITEM.

Dry Weight is a PATIENT's Weight after a Renal Dialysis session when the extra fluid has been removed.

EMERGENCY TREATMENT SERVICE

Change to Supporting Information: Changed Description

~~An Item Of Service Delivery.~~Emergency Treatment Service is an Item Of Service Delivery.

~~The delivery of an Emergency Treatment Service by a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.~~Emergency Treatment Service is the delivery of an Emergency Treatment Service by a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.

~~Note that Items of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.~~Note that Items Of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.

References:
Statement of Fees and Allowances Payable to General Medical Practitioners in England and Wales.

FACE TO FACE CONTACT COMMUNITY CARE

Change to Supporting Information: Changed Description

Face To Face Contact Community Care is a CARE CONTACT.

A contact which is made by one or more nurses or community support workers (nursing) with a PATIENT or

his/her proxy during a Community Episode. The contact occurs when a PATIENT or their proxy attends a clinic or when the nurse or community support worker (nursing) makes a domiciliary visit to see the PATIENT.

A proxy contact is a single occasion involving contact between a proxy and one or more members of a community nurse staff group within a Nursing In The Community Programme. Contacts with proxies only count if the contact is in lieu of the contact with the PATIENT, and the proxy is able more effectively than the PATIENT to ensure that the specified advice/treatment devised for the PATIENT is followed. This is most likely to be the case where the PATIENT is unable to communicate effectively say for an infant, or for a PERSON who is mentally ill or has learning disabilities.

One or more nurses or community support workers (nursing) in the same or different Nursing In The Community Programmes may be in contact with a PATIENT at the same time.

Contacts should be recorded as follows:

a. If one or more NURSES or community support workers (nursing) from the same programme are in contact with one PATIENT at the same time, this should be recorded as one face-to-face contact
b. If one or more NURSES or community support workers (nursing) from different programmes are in contact with one PATIENT at the same time, this should be recorded as one contact for each programme involved
c. For contacts at a Day Care Facility, where repeated contacts may occur during the course of a day, this should be recorded as one contact for each programme involved
d. If two NURSES of different disciplines but both classed in the community nurse staff group other community nurses, such as stomatherapist and a continuing care nurse, are in contact with one PATIENT at the same time, this should be recorded as two face-to-face contacts, one for each discipline

Group activity, where, for example, general advice is given to several PATIENTS at the same time should not be recorded as Nurse or Midwife Contacts.

A Face To Face Contact Community Care may involve activities attributable to a structured programme, such as the following:

a. Screening Test
b. Group Session
c. Health Promotion Other Activity
d. EDUCATIONAL ASSESSMENT
~~e. Test Of Immunity~~
e. Test of Immunity
f. Immunisation Dose Given
g. Face To Face Contact Surveillance

For such activities they must be recorded as part of the respective structured programmes as well as attributed to the Nursing In The Community Programmes.

If the PATIENT is currently subject to a Mental Health Care Spell and the contact NURSE is also their allocated care programme approach care coordinator then a Face To Face Contact CPA Care Coordinator should also be recorded.

For domiciliary visits, an indication of whether the Face To Face Contact Community Care is the first occasion on which a PATIENT is seen should be recorded as an initial contact. A LOCATION type should also be recorded.

Information recorded for a Face To Face Contact Community Care includes:

Contact Date
First Contact In Financial Year
Initial Contact (applies to domiciliary visits only)
LOCATION (applies to domiciliary visits only)

FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT)

Change to Supporting Information: Changed Description

~~Forced Expiratory Volume in 1 second (Absolute Amount) is a MEASURED PERSON OBSERVATION.~~Forced Expiratory Volume in 1 second (Absolute Amount) is a CLINICAL INVESTIGATION RESULT ITEM.

Forced Expiratory Volume in 1 second (Absolute Amount) is the volume of air that can forcibly be blown out in one second, after full inspiration.

FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE)

Change to Supporting Information: Changed Description

~~Forced Expiratory Volume in 1 second (Percentage) is a MEASURED PERSON OBSERVATION.~~Forced Expiratory Volume in 1 second (Percentage) is a CLINICAL INVESTIGATION RESULT ITEM.

~~Forced Expiratory Volume in 1 second (Percentage) is the volume of air that can forcibly be blown out in one second, after full inspiration, as a percentage of the predicted value.~~Forced Expiratory Volume in 1 second (Percentage) is the volume of air that can forcibly be blown out in one second, after full inspiration, as a *'Percentage (%)'* of the predicted value.

GESTATION LENGTH IN DAYS (RETIRED)_ renamed from GESTATION LENGTH IN DAYS

Change to Supporting Information: Changed Name, status to Retired, Description

~~Gestation Length In Days is the gestation length of a Fetus Episode recorded as the total number of days.~~**This item has been retired from the NHS Data Model and Dictionary.**

~~The calculation may be:~~**The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.**

- ~~a) calculated by ultrasound scan measurements according to the trimester of the scan~~
- ~~b) estimated from the LAST MENSTRUAL PERIOD DATE~~
- ~~c) estimated by clinical assessment (in the absence of a or b)~~

~~The number of completed whole weeks of gestation and the remaining number of days of an uncompleted whole week should be calculated from the Gestation Length In Days for input and reporting purposes. Where there is no uncompleted whole week, the number of additional days should be recorded as zero.~~**Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.**

~~For example:~~

- ~~a Gestation Length In Days of 84 is input and reported as 12 weeks 0 days gestation length;~~
- ~~a Gestation Length In Days of 72 is input and reported as 10 weeks 2 days gestation length;~~
- ~~a Gestation Length In Days of 284 is input and reported as 40 weeks 4 days gestation length.~~

GESTATION LENGTH IN DAYS (RETIRED)_ renamed from GESTATION LENGTH IN DAYS

Change to Supporting Information: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.NHS_Business_Definitions.G.Gestation_Length_In_Days to Retired.Data_Dictionary.NHS_Business_Definitions.G.Gestation_Length_In_Days
- Retired Gestation Length In Days
- Changed Description

HAND GRIP STRENGTH

Change to Supporting Information: Changed Description

~~Hand Grip Strength is a MEASURED PERSON OBSERVATION.~~Hand Grip Strength is a CLINICAL INVESTIGATION RESULT ITEM.

~~Hand Grip Strength is the PATIENT's hand grip strength.~~Hand Grip Strength is the strength of the PATIENT's hand grip.

HBA1C

Change to Supporting Information: Changed Description

~~HbA1c (Hemoglobin A1c), also known as Glycated Hemoglobin, is a MEASURED PERSON OBSERVATION.~~HbA1c (Hemoglobin A1c), also known as Glycated Hemoglobin, is a CLINICAL INVESTIGATION RESULT ITEM.

~~The HbA1c test measures the amount of glucose that is being carried by the red blood cells in the body.~~The HbA1c test measures the amount of plasma glucose concentration that is being carried by the red blood cells in the body, over a prolonged period of time.

HEAD CIRCUMFERENCE

Change to Supporting Information: Changed Description

~~Head Circumference is a MEASURED PERSON OBSERVATION.~~Head Circumference is a CLINICAL INVESTIGATION RESULT ITEM.

Head Circumference is the circumference of the PATIENT's head.

HEART RATE

Change to Supporting Information: Changed Description

~~Heart Rate is a MEASURED PERSON OBSERVATION.~~Heart Rate is a CLINICAL INVESTIGATION RESULT ITEM.

Heart Rate is the number of heart beats per unit of time.

HEIGHT

Change to Supporting Information: Changed Description

~~Height is a MEASURED PERSON OBSERVATION.~~Height is a CLINICAL INVESTIGATION RESULT ITEM.

~~Height is the height of a PATIENT on a given date, where the MEASUREMENT VALUE TYPE CODE is *'Metres (m)'* or *'Centimetres (cm)'*.~~Height is the height of a PATIENT on a given date, where the UNIT OF MEASUREMENT is *'Metres (m)'* or *'Centimetres (cm)'*.

HIP MEASUREMENT

Change to Supporting Information: Changed Description

~~Hip Measurement is a MEASURED PERSON OBSERVATION~~Hip Measurement is a CLINICAL INVESTIGATION RESULT ITEM.

Hip Measurement is the measurement of the PATIENT's hips.

MANTOUX TEST

Change to Supporting Information: Changed Description

~~A Mantoux Test is a Test Of Immunity.~~A Mantoux Test is a Screening Test.

The Mantoux Test is used as a Screening Test for tuberculosis infection or disease and as an aid to diagnosis.

~~Further information about Mantoux Tests can be found on the NHS Immunisation Information website.~~For further information on Mantoux Tests, see the NHS Choices website.

MATERNITY MEDICAL SERVICE

Change to Supporting Information: Changed Description

~~An Item Of Service Delivery.~~A Maternity Medical Service is an Item Of Service Delivery.

~~The delivery of maternity medical services to a PATIENT by a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.~~A Maternity Medical Service is the delivery of maternity medical services to a PATIENT by a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.

~~Note that Items of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.~~Note that Items Of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.

References:
Statement of Fees and Allowances Payable to General Medical Practitioners in England and Wales.

MID ARM CIRCUMFERENCE

Change to Supporting Information: Changed Description

~~Mid Arm Circumference is a MEASURED PERSON OBSERVATION.~~Mid Arm Circumference is a CLINICAL INVESTIGATION RESULT ITEM.

Mid Arm Circumference is the circumference of the PATIENT's mid arm.

MINOR SURGERY PROCEDURE

Change to Supporting Information: Changed Description

~~An Item Of Service Delivery.~~A Minor Surgery Procedure is an Item Of Service Delivery.

~~A minor surgical procedure performed on a PATIENT by a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.~~A Minor Surgery Procedure is a surgical procedure performed on a PATIENT by a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.

~~Note that Items of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.~~Note that Items Of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.

References:
Statement of Fees and Allowances Payable to General Medical Practitioners in England and Wales.

PATIENT PROCEDURE

Change to Supporting Information: Changed Description

~~Patient Procedure is a CLINICAL INTERVENTION.~~A Patient Procedure is a CLINICAL INTERVENTION.

~~This is the actual procedure performed on an individual PATIENT at a particular time. A PATIENT may undergo a procedure under the direct personal supervision of a medical or dental practitioner, in pregnancy or childbirth or for the prevention, cure, relief or diagnosis of disease. It should be possible to record at least four procedures for each Consultant Episode (Hospital Provider).~~A Patient Procedure is a procedure performed on a PATIENT by a CARE PROFESSIONAL.

~~In the case of an electro-convulsive therapy (ECT) treatment procedure, it comprises the PATIENT being given an anaesthetic for the purpose of electro-convulsive therapy and being administered one or more electric stimuli to the head and should be recorded regardless of whether or not the PATIENT has a convulsion.~~A Patient Procedure may be carried out:

- for the prevention, cure, relief or diagnosis of disease
- during pregnancy
- during childbirth.

A Patient Procedure may be carried out as part of a Clinical Investigation, where it is both diagnostic and therapeutic, for example, certain endoscopic procedures.

PERCENTAGE WEIGHT LOSS

Change to Supporting Information: Changed Description

~~Percentage Weight Loss is a MEASURED PERSON OBSERVATION.~~

Percentage Weight Loss is a CLINICAL INVESTIGATION RESULT ITEM.

Percentage Weight Loss is the percentage of Weight lost by a PATIENT over a specified period.

~~Percentage Weight Loss is used as an indicator of malnutrition.~~Percentage Weight Loss may be used as an indicator of malnutrition.

POST MORTEM

Change to Supporting Information: Changed Description

~~Post Mortem is a CLINICAL INTERVENTION.~~A Post Mortem is a CLINICAL INTERVENTION.

~~A pathology procedure carried out on NHS premises. This should include post-mortem examinations of the viable new-born fetus but exclude dissection of the pre-viable fetus.~~A Post Mortem is the pathological examination of a dead body to determine the cause of death.

A Post Mortem may include post-mortem examination of a viable new born fetus but excludes dissection of a pre-viable fetus.

RH SYSTEM

Change to Supporting Information: Changed Description

~~The Rh System is a classification for a CLINICAL INVESTIGATION RESULT ITEM.~~The Rh System is a CLINICAL CLASSIFICATION.

In addition to the antigens present in the ABO System, red blood cells sometimes have another antigen, a protein called the Rh factor.

- If the Rh factor is present, the PERSON's blood group is RhD positive;
- If the Rh factor is absent, the PERSON is RhD negative.

This means that a PERSON can be one of eight blood groups:

- A RhD positive (A+)
- A RhD negative (A-)
- B RhD positive (B+)
- B RhD negative (B-)
- O RhD positive (O+)
- O RhD negative (O-)
- AB RhD positive (AB+)
- AB RhD negative (AB-).

For further information on the Rh System, see the NHS Choices website.

RH SYSTEM

Change to Supporting Information: Changed Description

- Changed Description

SCREENING TEST

Change to Supporting Information: Changed Description

~~Screening Test is a CLINICAL INTERVENTION.~~A Screening Test is a Clinical Investigation.

~~A test performed on a PERSON to detect a specific disease or impairment, which may be carried out as part of a Screening Programme. It should be noted that individuals may have to be re-tested shortly after an initial test for technical reasons such as the loss of sample, an unsatisfactory test procedure, or an inconclusive result. The Screening Test is not complete until such re-tests have been satisfactorily completed.~~A Screening Test is a test performed on a PATIENT to detect a specific disease or impairment, which may be carried out as part of a Screening Programme.

It should be noted that individuals may have to be re-tested shortly after an initial test for technical reasons such as the loss of sample, an unsatisfactory test procedure, or an inconclusive result.

The Screening Test is not complete until such re-tests have been satisfactorily completed.

SERUM CHOLESTEROL LEVEL

Change to Supporting Information: Changed Description

~~Serum Cholesterol Level is a MEASURED PERSON OBSERVATION.~~Serum Cholesterol Level is a CLINICAL INVESTIGATION RESULT ITEM.

Serum Cholesterol Level is the cholesterol level in a PATIENT's blood.

SERUM CREATININE LEVEL

Change to Supporting Information: Changed Description

~~Serum Creatinine Level is a MEASURED PERSON OBSERVATION.~~Serum Creatinine Level is a CLINICAL INVESTIGATION RESULT ITEM.

Serum Creatinine Level is the concentration of creatinine in serum (used as an indicator of renal function).

SYSTOLIC BLOOD PRESSURE

Change to Supporting Information: Changed Description

~~Systolic Blood Pressure is a MEASURED PERSON OBSERVATION.~~Systolic Blood Pressure is part of a Blood Pressure reading, which is a CLINICAL INVESTIGATION RESULT ITEM.

Systolic Blood Pressure is the reading of a PATIENT's Blood Pressure at each heart beat.

TEMPERATURE

Change to Supporting Information: Changed Description

~~Temperature is a MEASURED PERSON OBSERVATION.~~Temperature is a CLINICAL INVESTIGATION RESULT ITEM.

Temperature is the degree of internal heat of a PATIENT's body.

TEST OF IMMUNITY renamed from TEST OF IMMUNITY

Change to Supporting Information: Changed Name, Description

~~Test Of Immunity is a CLINICAL INTERVENTION.~~Test of Immunity is a Screening Test.

~~A Test Of Immunity performed as part of an Immunisation Programme for an VACCINE PREVENTABLE DISEASE.~~A Test of Immunity performed as part of an Immunisation Programme for a VACCINE PREVENTABLE DISEASE.

URINARY ALBUMIN LEVEL

Change to Supporting Information: Changed Description

~~Urinary Albumin Level is a MEASURED PERSON OBSERVATION.~~Urinary Albumin Level is a CLINICAL INVESTIGATION RESULT ITEM.

Urinary Albumin Level is the level of albumin in a urine sample.

URINE OUTPUT

Change to Supporting Information: Changed Description

~~Urine Output is a MEASURED PERSON OBSERVATION~~Urine Output is a CLINICAL INVESTIGATION RESULT ITEM.

Urine Output is the output of urine of a PATIENT over a specified period of time (i.e. last hour, last 24 hours).

VACCINATION SERVICE

Change to Supporting Information: Changed Description

~~An Item Of Service Delivery.~~A Vaccination Service is an Item Of Service Delivery.

~~A vaccination or immunisation given to a PERSON in accordance with public policy by or on behalf of a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.~~A Vaccination Service is a vaccination or immunisation given to a PERSON in accordance with public policy, by or on behalf of a GENERAL MEDICAL PRACTITIONER, for which a fee may be claimed.

The applicable payment rate for the Vaccination Service delivered is determined by the combination of VACCINE PREVENTABLE DISEASE and IMMUNISATION COURSE TYPE.

~~Note that Items of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.~~Note that Items Of Service Delivery reimbursement cannot be claimed by those GENERAL MEDICAL PRACTITIONERS who hold a Personal Medical Services, as opposed to a General Medical Services, contract.

References:
Statement of Fees and Allowances Payable to General Medical Practitioners in England and Wales.

VASECTOMY PERFORMED (RETIRED)_ renamed from VASECTOMY PERFORMED

Change to Supporting Information: Changed Name, status to Retired, Description

~~Vasectomy Performed is a CLINICAL INTERVENTION.~~**This item has been retired from the NHS Data Model and Dictionary.**

~~A vasectomy operative procedure performed, excluding those vasectomies performed on NHS PATIENTS using a Hospital Bed.~~**The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.**

Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

VASECTOMY PERFORMED (RETIRED)_ renamed from VASECTOMY PERFORMED

Change to Supporting Information: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.NHS_Business_Definitions.V.Vasectomy_Performed to Retired.Data_Dictionary.NHS_Business_Definitions.V.Vasectomy_Performed
- Retired Vasectomy Performed
- Changed Description

WAIST MEASUREMENT

Change to Supporting Information: Changed Description

~~Waist Measurement is a MEASURED PERSON OBSERVATION.~~Waist Measurement is a CLINICAL INVESTIGATION RESULT ITEM.

Waist Measurement is the measurement of a PATIENT's waist.

WEIGHT

Change to Supporting Information: Changed Description

~~Weight is a MEASURED PERSON OBSERVATION.~~Weight is a CLINICAL INVESTIGATION RESULT ITEM.

~~Weight is the weight of a PATIENT on a given date, where the MEASUREMENT VALUE TYPE CODE is *'Kilograms (kg)'* or *'Grams (g)'*.~~Weight is the weight of a PATIENT on a given date, where the UNIT OF MEASUREMENT is *'Kilograms (kg)'* or *'Grams (g)'*.

CATEGORY VALUED PERSON OBSERVATION

Change to Class: Changed Description

A subtype of PERSON PROPERTY.

Observations made regarding a PERSON. ~~These observations do not include information about a treatment or intervention.~~ CATEGORY VALUED PERSON OBSERVATIONS do not include information about a treatment or intervention.

CATEGORY VALUED PERSON OBSERVATION TYPE provides coded classifications of observations about a PERSON.

~~*Note: MEASURED PERSON OBSERVATION allows for recording of measurements about a PERSON and OTHER PERSON OBSERVATION is where the PERSON states, for example, when they first experienced symptoms, the number of days on which alcohol has been consumed etc.*~~*Note: CLINICAL INVESTIGATION RESULT ITEM captures measurements about a PERSON and OTHER PERSON OBSERVATION is where the PERSON states, for example, when they first experienced symptoms, the number of days on which alcohol has been consumed etc.*

CLINICAL INVESTIGATION RESULT ITEM

Change to Class: Changed Attributes, Description

~~A result of a single Clinical Investigation including all essential or useful relevant data.~~The result of a Clinical Investigation.

~~Note: A CLINICAL INVESTIGATION RESULT ITEM includes all useful information in connection with an investigation result (e.g. numerical value, date and time of Clinical Investigation etc.); this corresponds to what is normally called a 'line' on a paper report.~~CLINICAL INVESTIGATION RESULT ITEM TYPE provides a list of CLINICAL INVESTIGATION RESULT ITEMS.

References:
The Version 1.0 Trial NHS Standard EDIFACT Messages for Radiology Requests and Reports, 14.3.95
The Version 1.0 Trial NHS Standard EDIFACT Messages for GP-Hospital Communications - 17.5.95

CLINICAL INVESTIGATION RESULT ITEM

Change to Class: Changed Attributes, Description

Attributes of this Class are:

K	INVESTIGATION RESULT DATE
K	INVESTIGATION RESULT TIME
	ABNORMALITY DETECTED INDICATOR
	ALBUMINURIA STAGE
	ALK 1 STATUS
	ANKLE DORSIFLEXION CODE
	ANKLE PLANTARFLEXION CODE
	ARITHMETIC COMPARATOR
	BIOPSY REFERRAL OUTCOME
	BREAST BIOPSY REFERRAL OUTCOME
	BREAST CANCER HISTOLOGICAL TYPE
	BREAST SCREENING MAMMOGRAPHY OUTCOME CODE
	CANCER VASCULAR OR LYMPHATIC INVASION
	CERVICAL GLANDULAR INTRAEPITHELIAL NEOPLASIA PRESENCE AND GRADE
	CERVICAL NODE STATUS
	CERVICAL SMEAR EXAMINED DATE
	CHLAMYDIA TEST RESULT
	CLINICAL ASSESSMENT RESULT CODE FOR BREAST CANCER
	CLINICAL INVESTIGATION ITEM TYPE
	CLINICAL INVESTIGATION ITEM UNIT OF MEASURE
	CLINICAL INVESTIGATION RESULT CODE FOR RENAL CARE
	CLINICAL INVESTIGATION RESULT CODE FOR RENAL TRANSPLANT
	CLINICAL INVESTIGATION RESULT VALUE
	CYTOGENETIC ANALYSIS CODE
	CYTOGENETIC PRESENCE TYPE FOR RHABDOMYOSARCOMA
	CYTOGENETIC RISK CODE
	CYTOLOGY RESULT TYPE
	CYTOLOGY SMEAR REASON
	DEGREES OF FIXED FLEXION DEFORMITY
	DEGREES OF FLEXION RANGE
	DETRUSOR MUSCLE PRESENCE INDICATION CODE
	DEVIATING RESULT INDICATOR
	DIPSTICK TEST RESULT CODE
	EPIDERMAL GROWTH FACTOR RECEPTOR MUTATIONAL STATUS
	EXCISION MARGIN
	GENETIC CONFIRMATION INDICATOR
	GRADE OF DIFFERENTIATION
	HbA1C ASSAY MEASUREMENT METHOD
	HEPATOMEGALY INDICATOR
	HORMONE EXPRESSION TYPE
	INVASIVE CANCER SPECIAL TYPE INDICATOR
	INVESTIGATION EXAMINATION RESULT CODE
	INVESTIGATION HAEMOGLOBINOPATHY RESULT CODE
	INVESTIGATION RESULT STATUS CODE
	INVESTIGATION RESULT TEXT
	INVESTIGATION RISK RATIO RESULT CODE
	INVESTIGATION RUBELLA RESULT INDICATOR
	INVESTIGATION SENSITISED RESULT INDICATOR
	KARYOTYPE TEST OUTCOME
	LACTATE DEHYDROGENASE LEVEL
	LYMPH NODE STATUS
	MAMMOGRAM RESULT CODE
	METASTASIS EXTENT CODE

NEWBORN BLOOD SPOT TEST OUTCOME STATUS CODE
NEWBORN HEARING SCREENING OUTCOME
NUMBER OF FETUSES
NUMERICAL VALUE
PATHOLOGICAL RISK CLASSIFICATION CODE AFTER NEPHRECTOMY
PATHOLOGICAL RISK CLASSIFICATION CODE AFTER PREOPERATIVE CHEMOTHERAPY
PERSON BLOOD GROUP
PERSON RHESUS FACTOR
PREOPERATIVE THERAPY RESPONSE TYPE
RADIOLOGICAL RESULT VERIFIED DATE
RADIOLOGICAL RESULT VERIFIED TIME
RESULT ITEM STATUS
S CATEGORY CODE
SCREENING TEST RESULT
SERUM CALCIUM CONCENTRATION CORRECTION CODE
SMEAR INFECTION TYPE
SPECIMEN NATURE
SPLEEN BELOW COSTAL MARGIN
SPLENOMEGALY INDICATOR
SUBTALAR JOINT MOVEMENT CODE
TIBIA HINDFOOT ALIGNMENT CODE
TUMOUR NECROSIS
ULTRASOUND RESULT CODE FOR BREAST CANCER

MEASURED PERSON OBSERVATION (RETIRED)_ renamed from MEASURED PERSON OBSERVATION

Change to Class: Changed Supertype, Attributes, Name, status to Retired, Description

~~A subtype of PERSON PROPERTY.~~**This item has been retired from the NHS Data Model and Dictionary.**

~~MEASURED PERSON OBSERVATION allows for recording of measurements about a PERSON.~~**The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.**

~~MEASURED PERSON OBSERVATION TYPE CODE provides a list of MEASURED PERSON OBSERVATIONS.~~**Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.**

~~*Note: CATEGORY VALUED PERSON OBSERVATION allows coded classifications of observations about a PERSON and OTHER PERSON OBSERVATION is where the PERSON states, for example, when they first experienced symptoms, the number of days on which alcohol has been consumed etc.*~~

MEASURED PERSON OBSERVATION (RETIRED)_ renamed from MEASURED PERSON OBSERVATION

Change to Class: Changed Supertype, Attributes, Name, status to Retired, Description

~~*Attributes of this Class are:*~~

~~ALBUMINURIA STAGE~~
~~MEASURED OBSERVATION VALUE~~

This class has no attributes.

MEASURED PERSON OBSERVATION (RETIRED)_ renamed from MEASURED PERSON

OBSERVATION

Change to Class: Changed Supertype, Attributes, Name, status to Retired, Description

- Changed Supertype from Data_Dictionary.Classes.P.PERSON_PROPERTY to null
- Changed Attributes
- Changed Name from Data_Dictionary.Classes.M.MEASURED_PERSON_OBSERVATION to Retired.Data_Dictionary.Classes.M.MEASURED_PERSON_OBSERVATION
- Retired MEASURED PERSON OBSERVATION
- Changed Description

MEASURED PERSON OBSERVATION TYPE (RETIRED)__ renamed from MEASURED PERSON OBSERVATION TYPE

Change to Class: Changed Relationships, Attributes, Name, status to Retired, Description

~~Identifies the type of MEASURED PERSON OBSERVATION being recorded, for example Height and Weight.~~**This item has been retired from the NHS Data Model and Dictionary.**

The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

MEASURED PERSON OBSERVATION TYPE (RETIRED)__ renamed from MEASURED PERSON OBSERVATION TYPE

Change to Class: Changed Relationships, Attributes, Name, status to Retired, Description

~~*Attributes of this Class are:*~~

~~K MEASURED PERSON OBSERVATION TYPE CODE~~

This class has no attributes.

MEASURED PERSON OBSERVATION TYPE (RETIRED)__ renamed from MEASURED PERSON OBSERVATION TYPE

Change to Class: Changed Relationships, Attributes, Name, status to Retired, Description

~~*Each MEASURED PERSON OBSERVATION TYPE*~~

~~must be validated by one or more OBSERVATION MEASUREMENT VALIDATION~~

~~may be the type for one or more MEASURED PERSON OBSERVATION~~

MEASURED PERSON OBSERVATION TYPE (RETIRED)__ renamed from MEASURED PERSON OBSERVATION TYPE

Change to Class: Changed Relationships, Attributes, Name, status to Retired, Description

- Changed Relationships
- Changed Attributes
- Changed Name from Data_Dictionary.Classes.M.MEASURED_PERSON_OBSERVATION_TYPE to Retired.Data_Dictionary.Classes.M.MEASURED_PERSON_OBSERVATION_TYPE
- Retired MEASURED PERSON OBSERVATION TYPE
- Changed Description

MEASUREMENT VALUE TYPE (RETIRED)_ renamed from MEASUREMENT VALUE TYPE

Change to Class: Changed Relationships, Attributes, Name, status to Retired, Description

~~Identifies the unit of measurement used to record a MEASURED PERSON OBSERVATION, for example Metres, kilograms etc.~~**This item has been retired from the NHS Data Model and Dictionary.**

The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

MEASUREMENT VALUE TYPE (RETIRED)_ renamed from MEASUREMENT VALUE TYPE

Change to Class: Changed Relationships, Attributes, Name, status to Retired, Description

~~*Attributes of this Class are:*~~

~~K MEASUREMENT VALUE TYPE CODE~~

This class has no attributes.

MEASUREMENT VALUE TYPE (RETIRED)_ renamed from MEASUREMENT VALUE TYPE

Change to Class: Changed Relationships, Attributes, Name, status to Retired, Description

~~*Each MEASUREMENT VALUE TYPE*~~

~~must be validated by one or more OBSERVATION MEASUREMENT VALIDATION~~

~~may be the type for one or more MEASURED PERSON OBSERVATION~~

MEASUREMENT VALUE TYPE (RETIRED)_ renamed from MEASUREMENT VALUE TYPE

Change to Class: Changed Relationships, Attributes, Name, status to Retired, Description

- Changed Relationships
- Changed Attributes
- Changed Name from Data_Dictionary.Classes.M.MEASUREMENT_VALUE_TYPE to Retired.Data_Dictionary.Classes.M.MEASUREMENT_VALUE_TYPE
- Retired MEASUREMENT VALUE TYPE
- Changed Description

OBSERVATION MEASUREMENT VALIDATION (RETIRED)_ renamed from OBSERVATION MEASUREMENT VALIDATION

Change to Class: Changed Name, status to Retired, Description

~~Identifies the valid MEASUREMENT VALUE TYPE that is used for a particular MEASURED PERSON OBSERVATION TYPE. Examples would be Height measured in metres or Weight measured in kilograms.~~**This item has been retired from the NHS Data Model and Dictionary.**

The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

OBSERVATION MEASUREMENT VALIDATION (RETIRED)_ renamed from OBSERVATION MEASUREMENT VALIDATION

Change to Class: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.Classes.O.OBSERVATION_MEASUREMENT_VALIDATION to Retired.Data_Dictionary.Classes.O.OBSERVATION_MEASUREMENT_VALIDATION
- Retired OBSERVATION MEASUREMENT VALIDATION
- Changed Description

OTHER PERSON OBSERVATION

Change to Class: Changed Description

A subtype of PERSON PROPERTY.

Observations made by a PERSON which are not coded or measured.

These observations do not include information about a treatment or intervention. These observations may be where the PERSON states, for example, when they first experienced symptoms, the number of days on which alcohol has been consumed etc.

~~*Note: CATEGORY VALUED PERSON OBSERVATION allows coded classifications of observations about a PERSON and MEASURED PERSON OBSERVATION allows for the recording of measurements about a PERSON.*~~*Note: CATEGORY VALUED PERSON OBSERVATION allows coded classifications of observations about a PERSON and CLINICAL INVESTIGATION RESULT ITEM captures measurements about a PERSON.*

PERSON PROPERTY

Change to Class: Changed Attributes, Description

A PERSON PROPERTY is a condition or state associated with a PERSON.

PERSON PROPERTIES are collected as a result of an ACTIVITY.

PERSON PROPERTIES for a PATIENT do not include information about a treatment or intervention.

- The PERSON PROPERTY may be a clinical diagnosis
- The observer of a PERSON PROPERTY may be a related PERSON or a CARE PROFESSIONAL PERSON PROPERTIES may be recorded during, or as a result of, a course of treatment.

Subtypes of PERSON PROPERTY include:

- CANCER STAGING
- CATEGORY VALUED PERSON OBSERVATION
- DIABETES ROUTINE REVIEW RESULT
- EDUCATION
- EDUCATIONAL ASSESSMENT
- EMPLOYMENT
- ~~MEASURED PERSON OBSERVATION~~
- ~~NHS CONTINUING HEALTHCARE~~

- NHS CONTINUING HEALTHCARE
- NHS FUNDED NURSING CARE
- ORGAN DONATION CONSENT
- ORGAN OR TISSUE DONOR OBSERVATION
- OTHER PERSON OBSERVATION
- PATIENT DIAGNOSIS
- PERSON SCORE
- SECURE ACCOMMODATION REQUIREMENT
- SAFEGUARDING CHILDREN OBSERVATION
- TEXT VALUED PERSON OBSERVATION
- TOBACCO USAGE

PERSON PROPERTY

Change to Class: Changed Attributes, Description

Attributes of this Class are:

K	PERSON PROPERTY IDENTIFIER
	ATTEMPTED SUICIDE WITH INTENT INDICATOR
	DOMINANT ARM CODE
	FAMILIAL CANCER SYNDROME INDICATOR
	FREE PRESCRIPTIONS INDICATOR
	LAST MENSTRUAL PERIOD DATE
	~~PERSON BLOOD GROUP~~
	PERSON PROPERTY EFFECTIVE DATE
	PERSON PROPERTY EFFECTIVE END DATE
	PERSON PROPERTY EFFECTIVE END TIME
	PERSON PROPERTY EFFECTIVE TIME
	PERSON PROPERTY OBSERVED DATE
	PERSON PROPERTY OBSERVED TIME
	PERSON PROPERTY RECORDED DATE
	PERSON PROPERTY RECORDED TIME
	~~PERSON RHESUS FACTOR~~
	PREGNANCY STATUS
	SURGICAL VOICE RESTORATION COMMUNICATION METHOD FOR PLANNED POST OPERATIVE
	SURGICAL VOICE RESTORATION COMMUNICATION METHOD FOR PRIMARY
	YOUNG CARER INDICATOR

PERSON PROPERTY QUALIFIER

Change to Class: Changed Attributes

Attributes of this Class are:

	ANATOMICAL AREA
	ANATOMICAL SIDE
	ANATOMICAL SIDE FOR IMAGING
	ANATOMICAL SITE
	BONE SARCOMA LOCATION
	HYDRONEPHROSIS CODE
	PERSON PROPERTY QUALIFIER IDENTIFIER
	~~PERSON PROPERTY QUALIFIER TYPE~~
	~~PERSON PROPERTY QUALIFIER VALUE~~
	~~PERSON PROPERTY RELATIONSHIP TYPE~~

PRIMARY EXTRANODAL SITE
RADIOTHERAPY TREATMENT REGION
SOFT TISSUE SARCOMA LOCATION

REGISTRABLE BIRTH

Change to Class: Changed Attributes

Attributes of this Class are:

APGAR SCORE 1 MINUTE
APGAR SCORE 5 MINUTE
BCG ADMINISTERED
BIRTH HEAD CIRCUMFERENCE
BIRTH ORDER
DELIVERY METHOD
DELIVERY PLACE TYPE
DELIVERY TIME
EXAMINATION OF HIPS
FOLLOW UP CARE
~~GESTATION LENGTH~~
GESTATION LENGTH IN DAYS
GESTATION LENGTH IN WEEKS
LIVE OR STILL BIRTH
METABOLIC SCREENING
NUMBER OF BABIES IDENTIFIER
PRESENCE OF JAUNDICE
PRESENTATION AT ONSET OF LABOUR
RESUSCITATION METHOD DRUGS
RESUSCITATION METHOD POSITIVE PRESSURE
STATUS OF PERSON CONDUCTING DELIVERY

UNIT OF MEASUREMENT

Change to Class: New Class

The unit of measurement.

This could be, for example, for a CLINICAL INVESTIGATION RESULT ITEM, PRESCRIBED ITEM, PERSON PROPERTY.

This class is also known by these names:

Context	Alias
plural	UNITS OF MEASUREMENT

UNIT OF MEASUREMENT

Change to Class: New Class

Attributes of this Class are:

UNIT OF MEASUREMENT

UNIT OF MEASUREMENT

Change to Class: New Class

Each UNIT OF MEASUREMENT
- may be recorded for one or more CLINICAL INVESTIGATION RESULT ITEM
- may be recorded for one or more MALIGNANT ABNORMALITY
- may be recorded for one or more PERSON PROPERTY
- may be recorded for one or more PRESCRIBED ITEM

ACTIVITY DATE AND TIME TYPE

Change to Attribute: Changed Description

The type of DATE AND TIME that defines the usage with regard to the ACTIVITY.

An ACTIVITY may have many DATES AND TIMES associated with it but may only have one DATE AND TIME of a particular type.

National Codes:

300	Maternal Critical Incident Date and Time
301	Procedure Date and Time
302	Baby First Feed Date and Time
303	Date and Time of Decision to Deliver
304	Discharge Date and Time (Mother Post Delivery Hospital Provider Spell)
305	Oxytocin Administered Date and Time
306	Rupture of Membranes Date and Time
307	Transfer Start Date and Time (Neonatal Unit)
308	Urgent Care Service Accessed Date and Time
309	Clinical Intervention Date and Time

Note: This list is not in alphabetical order.

ACTIVITY TIME TYPE

Change to Attribute: Changed Description

The type of TIME that defines the usage with regard to the ACTIVITY.

An ACTIVITY may have many TIMES associated with it but may only have one TIME of a particular type.

National Codes:

50	Accident and Emergency Attendance Conclusion Time
51	Accident and Emergency Departure Time
52	Accident and Emergency Initial Assessment Time
53	Accident and Emergency Time Seen For Treatment
54	Arrival At Hospital Time (Retired April 2012)
55	ARRIVAL TIME (Retired April 2012)
56	End Time
57	Event Time (Retired July 2012)
58	Initial Patient Contact Time (Retired July 2012)
59	Last Dosage Time
60	Pathology Result Due Time
61	Start Time

62 Theatre Case Time In To Theatre Suite (Retired September 2012)
63 Theatre Case Time Out Of Theatre (Retired September 2012)
64 Theatre Case Time Out Of Theatre Suite (Retired September 2012)
65 Time Seen
66 Discharge Ready Time (Retired April 2012)
67 Arrival Time At Accident and Emergency Department
68 Arrival Time For Transport Requests
69 Discharge Time
70 Clinical Intervention Time

Note: This list is not in alphabetical order.

CLINICAL INTERVENTION TYPE

Change to Attribute: Changed Description

The type of CLINICAL INTERVENTION.

National Codes:

~~01~~ ~~Anaesthetic Service~~
01 Anaesthetic Service (Retired November 2013)
02 Anti-Cancer Drug Cycle
03 Anti-Cancer Drug Fraction (Retired 1 January 2013)
04 Anti-Cancer Drug Programme
05 Anti-Cancer Drug Regimen
06 Brachytherapy Treatment Course
~~07~~ ~~Contraceptive Service~~
~~08~~ ~~Dental Haemorrhage Service~~
07 Contraceptive Service (Retired November 2013)
08 Dental Haemorrhage Service (Retired November 2013)
09 Dental Treatment
10 Drug Dosage and Administration (Retired 1 January 2013)
11 Drug Treatment
~~12~~ ~~Emergency Treatment Service~~
12 Emergency Treatment Service (Retired November 2013)
13 Endocrine Therapy (Retired 1 January 2013)
14 Fraction
15 Primary Hip Replacement Surgery
16 Imaging or Radiodiagnostic Event
17 Immunisation Dose Given
18 Joint Replacement Surgery
19 Primary Knee Replacement Surgery
20 Labour and Delivery
21 Lithotripsy Course Attendance
~~22~~ ~~Maternity Medical Service~~
~~23~~ ~~Minor Surgery Procedure~~
22 Maternity Medical Service (Retired November 2013)
23 Minor Surgery Procedure (Retired November 2013)
24 Pathology Laboratory Investigation
25 Patient Procedure
26 Post Mortem
27 Radiotherapy Treatment Course
~~28~~ ~~Screening Test~~
28 Screening Test (Retired November 2013)

29 Teletherapy Treatment Course
~~30~~ ~~Test Of Immunity~~
30 Test Of Immunity (Retired November 2013)
31 Therapy After Discharge (Retired July 2012)
32 Thrombo Prophylaxis Regime
33 Unsealed Source Treatment Course
~~34~~ ~~Vaccination Service~~
~~35~~ ~~Vasectomy Performed~~
34 Vaccination Service (Retired November 2013)
35 Vasectomy Performed (Retired November 2013)
36 Clinical Investigation
37 Systemic Anti-Cancer Drug Cycle
38 Systemic Anti-Cancer Drug Programme
39 Systemic Anti-Cancer Drug Regimen
40 Chemotherapy
41 Cytotoxic Chemotherapy
42 Hormone Therapy
43 Immunotherapy
44 Diagnostic Imaging
45 6 - 8 Week Physical Examination
46 Ultrasound Scan In Pregnancy
47 Newborn Physical Examination
48 Biological Therapy
49 Brachytherapy
50 Chemoradiotherapy
51 Cryotherapy
52 High Intensity Focused Ultrasound
53 Hyperbaric Oxygen Therapy
54 Laser Treatment
55 Light Therapy
56 Photodynamic Therapy
57 Proton Therapy
58 Psoralen and Ultraviolet A Therapy
59 Radiofrequency Ablation
60 Radioisotope Therapy
61 Radiosurgery
62 Radiotherapy
63 Teletherapy
64 Tissue Typing
~~65~~ ~~Blood Transfusion~~
65 Blood Transfusion
66 Renal Dialysis
67 Antiretroviral Therapy
68 Drug Regimen
69 Ablative Therapy
70 Laparoscopy
71 Primary Ankle Replacement Surgery
72 Revision Ankle Replacement Surgery
73 Primary Elbow Replacement Surgery
74 Revision Elbow Replacement Surgery
75 Revision Hip Replacement Surgery
76 Revision Knee Replacement Surgery
77 Primary Shoulder Replacement Surgery
78 Revision Shoulder Replacement Surgery

CLINICAL INVESTIGATION RESULT ITEM TYPE

Change to Attribute: New Attribute

The type of CLINICAL INVESTIGATION RESULT ITEM.

National Codes:

01	Birth Length
02	Birth Weight
03	Blood Pressure
04	Body Mass Index
05	Bone Age
06	Breslow Thickness
07	Diastolic Blood Pressure
08	Dry Weight
09	Forced Expiratory Volume in 1 second (Absolute Amount)
10	Forced Expiratory Volume in 1 second (Percentage)
11	Hand Grip Strength
12	HbA1c
13	Head Circumference
14	Heart Rate
15	Height
16	Hip Measurement
17	Mid Arm Circumference
18	Percentage Weight Loss
19	Serum Cholesterol Level
20	Serum Creatinine Level
21	Systolic Blood Pressure
22	Temperature
23	Urinary Albumin Level
24	Urine Output
25	Waist Measurement
26	Weight

This attribute is also known by these names:

Context	Alias
plural	CLINICAL INVESTIGATION RESULT ITEM TYPES

CLINICAL INVESTIGATION RESULT VALUE

Change to Attribute: New Attribute

The recorded value for a CLINICAL INVESTIGATION RESULT ITEM.

A UNIT OF MEASUREMENT may be recorded for a CLINICAL INVESTIGATION RESULT VALUE.

This attribute is also known by these names:

Context	Alias
plural	CLINICAL INVESTIGATION RESULT VALUES

CLINICAL INVESTIGATION RESULT VALUE

Change to Attribute: New Attribute

CLINICAL INVESTIGATION RESULT VALUE

Data Elements:

ALANINE AMINOTRANSFERASE CONCENTRATION
ALBUMIN LEVEL
ALKALINE PHOSPHATASE CONCENTRATION
ALPHA FETOPROTEIN
ALPHA FETOPROTEIN (CEREBROSPINAL FLUID)
ALPHA FETOPROTEIN (MAXIMUM AT DIAGNOSIS)
ANTENATAL OBSERVATION (MATERNAL HEIGHT)
ANTENATAL OBSERVATION (MATERNAL WEIGHT)
ASPARTATE AMINOTRANSFERASE CONCENTRATION
BASE EXCESS CONCENTRATION
BETA2 MICROGLOBULIN LEVEL
BETA HUMAN CHORIONIC GONADOTROPIN
BETA HUMAN CHORIONIC GONADOTROPIN (CEREBROSPINAL FLUID)
BETA HUMAN CHORIONIC GONADOTROPIN (MAXIMUM AT DIAGNOSIS)
BICARBONATE CONCENTRATION
BILIRUBIN CONCENTRATION
BIRTH WEIGHT
BLOOD BASOPHILS PERCENTAGE
BLOOD EOSINOPHILS PERCENTAGE
BLOOD MYELOBLASTS PERCENTAGE
BLOOD PRESSURE AVERAGED
BLOOD PRESSURE HIGHEST
BLOOD PRESSURE LOWEST
BLOOD PRESSURE SITTING
BLOOD UREA CONCENTRATION
BLOOD UREA CONCENTRATION (DONOR ON ADMISSION)
BLOOD UREA CONCENTRATION (DONOR ON RETRIEVAL)
BONE AGE (RENAL PAEDIATRIC)
BONE MARROW BLAST CELLS PERCENTAGE
BRESLOW THICKNESS
CALCULATED CREATININE CLEARANCE
CD4 CELL COUNT
CHOLESTEROL HIGH DENSITY LIPOPROTEIN CONCENTRATION
CHOLESTEROL LOW DENSITY LIPOPROTEIN CONCENTRATION
CHOLESTEROL TOTAL CONCENTRATION
CYCLOSPORINE A 12 HOUR TROUGH LEVEL (RECIPIENT)
CYCLOSPORINE A 2 HOUR TROUGH LEVEL C2 (RECIPIENT)
DIALYSATE 24 HOUR CREATININE CONCENTRATION
DIALYSATE 24 HOUR PROTEIN LOSS
DIALYSATE 24 HOUR UREA CONCENTRATION
DIALYSATE 24 HOUR VOLUME
DIALYSATE EFFLUENT VOLUME (4 HOUR)
DIALYSATE GLUCOSE END OF DWELL (4 HOUR)
DIALYSATE GLUCOSE START OF DWELL (4 HOUR)

DIASTOLIC BLOOD PRESSURE
DIASTOLIC BLOOD PRESSURE (POST HAEMODIALYSIS)
DIASTOLIC BLOOD PRESSURE (PRE-HAEMODIALYSIS)
DISTANCE BEYOND MUSCULARIS PROPRIA
DISTANCE FROM DENTATE LINE
DISTANCE TO CIRCUMFERENTIAL EXCISION MARGIN
DISTANCE TO CLOSEST NON PERITONEALISED RESECTION MARGIN
DISTANCE TO DISTAL RESECTION MARGIN
DISTANCE TO MARGIN
DISTANCE TO SEROSA
ESTIMATED GLOMERULAR FILTRATION RATE
FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT)
FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE)
GAMMA GLUTAMYL TRANSFERASE CONCENTRATION
HAEMOGLOBIN CONCENTRATION
HAEMOGLOBIN CONCENTRATION (PRE-DIALYSIS)
HAEMOGLOBIN CONCENTRATION (PRIOR END STAGE RENAL FAILURE)
HAND GRIP STRENGTH
HbA1c CONCENTRATION (DCCT)
HbA1c CONCENTRATION (IFCC)
HEAD CIRCUMFERENCE (RENAL PAEDIATRIC)
HEART RATE
HEIGHT IN CENTIMETRES FIRST VISIT
HIP MEASUREMENT
HYPOCHROMIC RED CELLS PERCENTAGE
INVASIVE THICKNESS
ISOTOPIC GLOMERULAR FILTRATION RATE (LIVING DONOR)
LACTATE DEHYDROGENASE CONCENTRATION
MEASURED 24HR CREATININE CLEARANCE
MEASURED CREATININE CLEARANCE
MEASURED GLOMERULAR FILTRATION RATE
MID ARM CIRCUMFERENCE
MITOTIC RATE
MYCOPHENOLIC ACID TROUGH LEVEL (RECIPIENT)
NEUTROPHIL COUNT
NORMALISED PROTEIN CATABOLIC RATE (DIALYSIS)
NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE
PARTIAL PRESSURE CARBON DIOXIDE
PARTIAL PRESSURE OXYGEN
PERCENTAGE WEIGHT LOSS
PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME
PERSON HEIGHT IN CENTIMETRES
PERSON HEIGHT IN METRES
PERSON OBSERVATION (HbA1c LEVEL)
PERSON OBSERVATION (SERUM CHOLESTEROL LEVEL)
PERSON OBSERVATION (SERUM CREATININE LEVEL)
PERSON OBSERVATION (URINARY ALBUMIN LEVEL)
PERSON WEIGHT
PERSON WEIGHT (POST DIALYSIS)

PERSON WEIGHT (PRE-DIALYSIS)
PERSON WEIGHT (RENAL CARE)
PHOSPHATE CONCENTRATION
PHOSPHATE CONCENTRATION (DONOR)
PLATELETS COUNT
POSITIVE END-EXPIRATORY PRESSURE
POTASSIUM CONCENTRATION (DONOR ON ADMISSION)
POTASSIUM CONCENTRATION (DONOR ON RETRIEVAL)
PROSTATE SPECIFIC ANTIGEN (DIAGNOSIS)
PROSTATE SPECIFIC ANTIGEN (PRE-TREATMENT)
PROTEIN CREATININE RATIO
RED CELL FOLATE CONCENTRATION
RESIDUAL RENAL CREATININE CLEARANCE
SATURATION PERCENTAGE
SERUM ALBUMIN CONCENTRATION
SERUM ALBUMIN CONCENTRATION (DONOR)
SERUM ALUMINIUM CONCENTRATION
SERUM B12 CONCENTRATION
SERUM BICARBONATE CONCENTRATION
SERUM CALCIUM CONCENTRATION
SERUM CALCIUM CONCENTRATION (DONOR)
SERUM C-REACTIVE PROTEIN CONCENTRATION
SERUM CREATININE CONCENTRATION
SERUM CREATININE CONCENTRATION (DONOR)
SERUM CREATININE CONCENTRATION (DONOR ON ADMISSION)
SERUM CREATININE CONCENTRATION (DONOR ON RETRIEVAL)
SERUM CREATININE CONCENTRATION (PRE-DIALYSIS)
SERUM CREATININE CONCENTRATION (PRIOR END STAGE RENAL FAILURE)
SERUM CREATININE KtV
SERUM FERRITIN CONCENTRATION
SERUM INTACT PARATHYROID HORMOME CONCENTRATION
SERUM MAGNESIUM CONCENTRATION
SERUM POTASSIUM CONCENTRATION
SERUM UREA CONCENTRATION (POST DIALYSIS)
SERUM UREA CONCENTRATION (PRE-DIALYSIS)
SIROLIMUS TROUGH LEVEL (RECIPIENT)
SYSTOLIC BLOOD PRESSURE
SYSTOLIC BLOOD PRESSURE (POST HAEMODIALYSIS)
SYSTOLIC BLOOD PRESSURE (PRE-HAEMODIALYSIS)
TACROLIMUS 12 HOUR TROUGH LEVEL (RECIPIENT)
TEMPERATURE
TRANSFERRIN SATURATION
TRIGLYCERIDES CONCENTRATION
TUMOUR HEIGHT ABOVE ANAL VERGE
URIC ACID CONCENTRATION
URINE CREATININE CONCENTRATION
URINE KtV
URINE OUTPUT LAST 24 HOURS
URINE OUTPUT LAST HOUR

URINE UREA CONCENTRATION
URINE VOLUME
VIRAL LOAD COUNT
VITAMIN D CONCENTRATION
WAIST MEASUREMENT
WHITE BLOOD CELL COUNT
WHITE BLOOD CELL COUNT (HIGHEST PRETREATMENT)
WHITE BLOOD CELL COUNT (PERITONEAL FLUID)
WHOLE BLOOD MEAN CELL VOLUME (DIALYSIS)
WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN (DIALYSIS)

DOMINANT ARM CODE

Change to Attribute: Changed Description

~~The~~ PERSON~~'s Dominant Arm.~~The PERSON's dominant arm.

National Codes:

01 Right
02 Left

GESTATION LENGTH IN DAYS

Change to Attribute: New Attribute

The gestation length of a Fetus Episode recorded as the total number of days.

The calculation may be:

a) calculated by ultrasound scan measurements according to the trimester of the scan
b) estimated from the LAST MENSTRUAL PERIOD DATE
c) estimated by clinical assessment (in the absence of a or b)

The number of completed whole weeks of gestation and the remaining number of days of an uncompleted whole week should be calculated from the GESTATION LENGTH IN DAYS for input and reporting purposes. Where there is no uncompleted whole week, the number of additional days should be recorded as zero.

For example:

- a GESTATION LENGTH IN DAYS of 84 is input and reported as 12 weeks 0 days gestation length,
- a GESTATION LENGTH IN DAYS of 72 is input and reported as 10 weeks 2 days gestation length,
- a GESTATION LENGTH IN DAYS of 284 is input and reported as 40 weeks 4 days gestation length.

This attribute is also known by these names:

Context	Alias
plural	GESTATION LENGTHS IN DAYS

GESTATION LENGTH IN DAYS

Change to Attribute: New Attribute

GESTATION LENGTH IN DAYS

Data Elements:

GESTATION (DATING ULTRASOUND SCAN)
GESTATION LENGTH (AT 6 - 8 WEEK PHYSICAL EXAMINATION)
GESTATION LENGTH (AT BIRTH)
GESTATION LENGTH (PREGNANCY FIRST CONTACT)

GESTATION LENGTH IN WEEKS renamed from GESTATION LENGTH

Change to Attribute: Changed Name

- Changed Name from Data_Dictionary.Attributes.G.GESTATION_LENGTH to Data_Dictionary.Attributes.G.GESTATION_LENGTH_IN_WEEKS

LARGEST METASTASIS

Change to Attribute: Changed Description

~~Where the neck has been dissected during a Head and Neck Cancer Care Spell, the size of the largest metastasis, in *'Millimetres (mm)'*.~~Where the neck has been dissected during a Head and Neck Cancer Care Spell, the size of the largest metastasis, where the UNIT OF MEASUREMENT is *'Millimetres'*.

MAXIMUM DEPTH OF INVASION

Change to Attribute: Changed Description

~~The maximum depth of invasion of the Tumour, in *'Millimetres (mm)'*.~~The maximum depth of invasion of the Tumour, where the UNIT OF MEASUREMENT is *'Millimetres'* .

MEASURED OBSERVATION VALUE (RETIRED) renamed from MEASURED OBSERVATION VALUE

Change to Attribute: Changed Name, status to Retired, Description

~~The recorded value for the MEASURED PERSON OBSERVATION observed associated with a MEASURED PERSON OBSERVATION TYPE CODE and MEASUREMENT VALUE TYPE CODE.~~**This item has been retired from the NHS Data Model and Dictionary.**

The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

MEASURED OBSERVATION VALUE (RETIRED)_ renamed from MEASURED OBSERVATION VALUE

Change to Attribute: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.Attributes.M.MEASURED_OBSERVATION_VALUE to Retired.Data_Dictionary.Attributes.M.MEASURED_OBSERVATION_VALUE
- Retired MEASURED OBSERVATION VALUE
- Changed Description

MEASURED PERSON OBSERVATION TYPE CODE (RETIRED)_ renamed from MEASURED PERSON OBSERVATION TYPE CODE

Change to Attribute: Changed Name, status to Retired, Description

~~The type of MEASURED PERSON OBSERVATION.~~**This item has been retired from the NHS Data Model and Dictionary.**

~~Each MEASURED PERSON OBSERVATION TYPE CODE must have an associated MEASUREMENT VALUE TYPE.~~**The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.**

~~*National Codes:*~~**Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.**

~~01 Weight~~
~~02 Height~~
~~03 Body Surface Area (Retired 1 January 2013)~~
~~04 Diastolic Blood Pressure~~
~~05 Systolic Blood Pressure~~
~~06 Forced Expiratory Volume in 1 second (Percentage)~~
~~07 Forced Expiratory Volume in 1 second (Absolute Amount)~~
~~08 HbA1c~~
~~09 Serum Cholesterol Level~~
~~10 Serum Creatinine Level~~
~~11 Urinary Albumin Level~~
~~12 Heart Rate~~
~~13 Gestation Length In Days~~
~~14 Percentage Weight Loss~~
~~15 Mid Arm Circumference~~
~~16 Waist Measurement~~
~~17 Hip Measurement~~
~~18 Bone Age~~
~~19 Head Circumference~~
~~20 Hand Grip Strength~~
~~21 Temperature~~
~~22 Urine Output~~
~~23 Dry Weight~~

MEASURED PERSON OBSERVATION TYPE CODE (RETIRED)_ renamed from MEASURED PERSON OBSERVATION TYPE CODE

Change to Attribute: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.Attributes.M.MEASURED_PERSON_OBSERVATION_TYPE_CODE to

Retired.Data_Dictionary.Attributes.M.MEASURED_PERSON_OBSERVATION_TYPE_CODE

- Retired MEASURED PERSON OBSERVATION TYPE CODE
- Changed Description

MEASUREMENT VALUE TYPE CODE (RETIRED)_ renamed from MEASUREMENT VALUE TYPE CODE

Change to Attribute: Changed Name, status to Retired, Description

~~The type of measurement used for the MEASURED PERSON OBSERVATION being recorded.~~**This item has been retired from the NHS Data Model and Dictionary.**

~~*National Codes:*~~**The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.**

~~01 Millimoles per litre (mmol/L)~~
~~02 Micromoles per litre (µmol/L)~~
~~03 Micrograms per litre (µg/Ll)~~
~~04 Micrograms per millimole (µg/mmol)~~
~~05 Microgram albumin per hour (µg/ml/hr)~~
~~06 Microgram albumin per minute (µg/min)~~
~~07 Microgram albumin per 24 hours (µg/24hr)~~
~~08 Number (Retired September 2013)~~
~~09 Percentage (%)~~
~~10 Kilograms (kg)~~
~~11 Metres (m)~~
~~13 Square Metres (m^2)~~
~~14 Millilitres per Minute (ml/min)~~
~~15 Millimetres of mercury (mmHg)~~
~~16 Litres (l)~~
~~17 Beats per minute (bpm)~~
~~18 Centimetres (cm)~~
~~19 Milligrams (mg)~~
~~20 Millilitres (ml)~~
~~21 Minutes~~
~~22 Celsius (ºC)~~
~~23 Millimetres (mm)~~
~~24 Grams per decilitre (g/dl)~~
~~25 Grams per litre (g/l)~~
~~26 Milligrams per litre (mg/l)~~
~~27 Nanograms per millilitre (ng/ml)~~
~~28 International Units per litre (IU/L)~~
~~29 Decilitres (d/l)~~
~~30 Square Millimetres (mm^2)~~
~~31 Millilitres (ml) (Retired September 2013)~~
~~32 Grays (Gy)~~
~~33 International Units per kilogram (IU/kg)~~
~~34 Grams (g)~~
~~35 Kilocalories (kcal)~~
~~36 Millimoles (mmol)~~
~~37 Millimoles per mole (mmol/mol)~~
~~38 Picomoles per litre (pmol/L)~~
~~39 Milligrams per millimole (mg/mmol)~~
~~40 Nanograms per litre (ng/l)~~
~~41 Micrograms per millilitre (µg/ml)~~
~~42 Millimetres of water (mmH^2O)~~

Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS

Data Model and Dictionary - Archive Request" in the email subject line.

MEASUREMENT VALUE TYPE CODE (RETIRED)_ renamed from MEASUREMENT VALUE TYPE CODE

Change to Attribute: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.Attributes.M.MEASUREMENT_VALUE_TYPE_CODE to Retired.Data_Dictionary.Attributes.M.MEASUREMENT_VALUE_TYPE_CODE
- Retired MEASUREMENT VALUE TYPE CODE
- Changed Description

PERSON PROPERTY QUALIFIER TYPE (RETIRED)_ renamed from PERSON PROPERTY QUALIFIER TYPE

Change to Attribute: Changed Name, status to Retired, Description

~~Identifies the type of qualifier intrinsic to the PERSON PROPERTY.~~**This item has been retired from the NHS Data Model and Dictionary.**

The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

PERSON PROPERTY QUALIFIER TYPE (RETIRED)_ renamed from PERSON PROPERTY QUALIFIER TYPE

Change to Attribute: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.Attributes.P.Person.PERSON_PROPERTY_QUALIFIER_TYPE to Retired.Data_Dictionary.Attributes.P.PERSON_PROPERTY_QUALIFIER_TYPE
- Retired PERSON PROPERTY QUALIFIER TYPE
- Changed Description

PERSON PROPERTY QUALIFIER VALUE (RETIRED)_ renamed from PERSON PROPERTY QUALIFIER VALUE

Change to Attribute: Changed Name, status to Retired, Description

~~The value of the qualifier intrinsic to the PERSON PROPERTY. The appropriate value is determined by the PERSON PROPERTY QUALIFIER TYPE.~~**This item has been retired from the NHS Data Model and Dictionary.**

The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

PERSON PROPERTY QUALIFIER VALUE (RETIRED)_ renamed from PERSON PROPERTY QUALIFIER VALUE

Change to Attribute: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.Attributes.P.Person.PERSON_PROPERTY_QUALIFIER_VALUE to Retired.Data_Dictionary.Attributes.P.PERSON_PROPERTY_QUALIFIER_VALUE
- Retired PERSON PROPERTY QUALIFIER VALUE
- Changed Description

PERSON PROPERTY RELATIONSHIP TYPE (RETIRED)__ renamed from PERSON PROPERTY RELATIONSHIP TYPE

Change to Attribute: Changed Name, status to Retired, Description

~~Identifies the type of association from one PERSON PROPERTY to another.~~**This item has been retired from the NHS Data Model and Dictionary.**

The last live version of this item is available in the September 2013 release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

PERSON PROPERTY RELATIONSHIP TYPE (RETIRED)__ renamed from PERSON PROPERTY RELATIONSHIP TYPE

Change to Attribute: Changed Name, status to Retired, Description

- Changed Name from Data_Dictionary.Attributes.P.Person.PERSON_PROPERTY_RELATIONSHIP_TYPE to Retired.Data_Dictionary.Attributes.P.PERSON_PROPERTY_RELATIONSHIP_TYPE
- Retired PERSON PROPERTY RELATIONSHIP TYPE
- Changed Description

SERVICE TYPE

Change to Attribute: Changed Description

The type of SERVICE.

National Codes:

01 Ambulance Service
02 Cancer Service
03 Community Health Service
04 Consultant Led Service
05 Direct Access Service
06 Enhanced Sexual Health Service
07 HIV Service
08 Hospital At Home Service
09 Improving Access to Psychological Therapies Service
10 Interface Service
11 Non-Consultant Led Service
12 Professional Staff Group Service
13 Sexual and Reproductive Health Service

14 Stop Smoking Service
15 Contraceptive Service

SERVICE TYPE FOR CHLAMYDIA TESTING

Change to Attribute: Changed Description

The type of SERVICE providing chlamydia testing.

National Codes:

01	Genitourinary Medicine Services	Includes testing done in Genitourinary Medicine clinics reported to Genitourinary Medicine Clinic Activity Data Set (GUMCAD).
~~02~~	~~Community Sexual Health Services~~	~~Includes testing carried out in Sexual and Reproductive Health Services/Contraception and Sexual Health (CASH) services/Community Contraceptive Services excludes Contraceptive Services within GP Practices. Includes young PERSON's sexual health services e.g. Brook clinics and SexSense. It also includes pre-instrumentation screening e.g. Intrauterine Devices where undertaken at CASH services and postal kits handed out at community sexual health services.~~
02	Community Sexual Health Services	Includes testing carried out in Sexual and Reproductive Health Services/Contraception and Sexual Health (CASH) services/Community Contraceptive Services excludes Contraceptive Services within GP Practices. Includes young PERSON's sexual health services e.g. Brook clinics and SexSense. It also includes pre-instrumentation screening e.g. Intrauterine Devices where undertaken at CASH services and postal kits handed out at community sexual health services.
03	GP Practice	Includes post kits handed out at the GP Practice.
04	Pharmacy	Includes testing carried out in community pharmacies, including post kits handed out at the pharmacy.
05	Termination of Pregnancy (TOP) Services	Includes testing undertaken in TOP services at all stages including medical and surgical. Includes all NHS and private providers including British Pregnancy Advice Service (BPAS), Marie Stopes and Pregnancy Crisis Centre. It also includes post kits handed out in TOP Services.
XX	Other	Any other testing service type which does not fit into categories 01 - 05 e.g. chlamydia screening offices, antenatal and obstetric services, military,education, occupational health, prison, youth services, outreach, accident and emergency, minor injuries, NHS walk-in centres and Hospitals.

TUMOUR PROXIMITY TO CARINA

Change to Attribute: Changed Description

~~The proximity of the Tumour to the carina (ridge at the base of the trachea that separates the openings of the right and left main bronchi), in *'Millimetres (mm)'*.~~ The proximity of the Tumour to the carina (ridge at the base of the trachea that separates the openings of the right and left main bronchi), where the UNIT OF MEASUREMENT is *'Millimetres'*.

National Codes:

1 Less than or equal to 20mm
2 Greater than 20mm

TUMOUR SIZE

Change to Attribute: Changed Description

~~The size of the Tumour, in *'Millimetres (mm)'.*~~The size of the Tumour.

UNIT OF MEASUREMENT_ renamed from CLINICAL INVESTIGATION RESULT ITEM UNIT OF MEASURE

Change to Attribute: Changed Name, Description

~~The identification of the unit of measurement for a CLINICAL INVESTIGATION RESULT ITEM.~~The unit of measurement.

National Codes:

01	Millimoles per litre (mmol/L)
02	Micromoles per litre (µmol/L)
03	Micrograms per litre (µg/L)
04	Micrograms per millimole (µg/mmol)
05	Microgram albumin per hour (µg/ml/hr)
06	Microgram albumin per minute (µg/min)
07	Microgram albumin per 24 hours (µg/24hr)
08	Number (Retired September 2013)
09	Percentage (%)
10	Kilograms (kg)
11	Metres (m)
12	Picograms (pg)
13	Square Metres (m^2)
14	Millilitres per Minute (ml/min)
15	Millimetres of mercury (mmHg)
16	Litres (l)
17	Beats per minute (bpm)
18	Centimetres (cm)
19	Milligrams (mg)
20	Millilitres (ml)
21	Minutes
22	Celsius (ºC)
23	Millimetres (mm)
24	Grams per decilitre (g/dl)
25	Grams per litre (g/l)
26	Milligrams per litre (mg/l)
27	Nanograms per millilitre (ng/ml)
28	International Units per litre (IU/L)
29	Decilitres (d/l)
30	Square Millimetres (mm^2)
31	Millilitres (ml) (Retired September 2013)
32	Grays (Gy)
33	International Units per kilogram (IU/kg)
34	Grams (g)
35	Kilocalories (kcal)
36	Millimoles (mmol)
37	Millimoles per mole (mmol/mol)

38	Picomoles per litre (pmol/L)
39	Milligrams per millimole (mg/mmol)
40	Nanograms per litre (ng/l)
41	Micrograms per millilitre (µg/ml)
42	Millimetres of water (mmH^2O)
43	Cubic Millimetres (mm^3)
44	Litres per week per 1.73 metres squared (l/week/1.73²)
45	Millilitres per Minute divided by 1.73 Square Metres ($ml/min/1.73m^2$)
46	number times ten raised to the power of nine per litre ($x10^9/l$)
47	5 Millimetres Squared
48	Grams per kilogram per day (g/kg/day)
49	Kilopascals (KPa)
50	Femtolitres (fl)
51	Megavolts

References:
The Version 1.1 NHS Standard EDIFACT Messages for Pathology Requests and Reports, 2001
The Version 1.0 Trial NHS Standard EDIFACT Messages for GP-Hospital Communications - 17.5.95

UNIT OF MEASUREMENT_ renamed from CLINICAL INVESTIGATION RESULT ITEM UNIT OF MEASURE

Change to Attribute: Changed Name, Description

- Changed Name from Data_Dictionary.Attributes.C.Cla.CLINICAL_INVESTIGATION_RESULT_ITEM_UNIT_OF_MEASURE to Data_Dictionary.Attributes.U.UNIT_OF_MEASUREMENT
- Changed Description

ALANINE AMINOTRANSFERASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~ALANINE AMINOTRANSFERASE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's alanine aminotransferase concentration in *'iu/L'*.~~ALANINE AMINOTRANSFERASE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's alanine aminotransferase concentration, where the UNIT OF MEASUREMENT is '*International Units per litre (IU/L)'*.

ALANINE AMINOTRANSFERASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

ALANINE AMINOTRANSFERASE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ALBUMIN LEVEL

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~ALBUMIN LEVEL is the result of the Clinical Investigation which measures the PATIENT's concentration of albumin in serum in *'Grams per litre (g/l)'*.~~ALBUMIN LEVEL is the result of the Clinical Investigation which measures the PATIENT's concentration of albumin in serum, where the UNIT OF MEASUREMENT is *'Grams per litre (g/l)'*.

The value is presented in the range 10-80.

For the Cancer Outcomes and Services Data Set, ALBUMIN LEVEL is measured pre-treatment.

ALBUMIN LEVEL

Change to Data Element: Changed linked Attribute, Description

ALBUMIN LEVEL

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ALKALINE PHOSPHATASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~ALKALINE PHOSPHATASE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's alkaline phosphatase concentration in *'iu/L'*.~~ALKALINE PHOSPHATASE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's alkaline phosphatase concentration, where the UNIT OF MEASUREMENT is '*International Units per litre (IU/L)*'.

ALKALINE PHOSPHATASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

ALKALINE PHOSPHATASE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ALPHA FETOPROTEIN

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n6
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~ALPHA FETOPROTEIN is the result of the Clinical Investigation to determine the PATIENT's serum Tumour markers for alpha fetoprotein (AFP) (a protein found in abnormal amounts in the blood of PATIENTS with cancer) in *'Nanograms per millilitre (ng/ml)'*.~~ALPHA FETOPROTEIN is the result of the Clinical Investigation to determine the PATIENT's serum Tumour markers for alpha fetoprotein (AFP) (a protein found in abnormal amounts in the blood of PATIENTS with cancer), where the UNIT OF MEASUREMENT is *'Nanograms per millilitre (ng/ml)'*.

ALPHA FETOPROTEIN

Change to Data Element: Changed linked Attribute, Description

ALPHA FETOPROTEIN

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ALPHA FETOPROTEIN (CEREBROSPINAL FLUID)

Change to Data Element: Changed linked Attribute

ALPHA FETOPROTEIN (CEREBROSPINAL FLUID)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ALPHA FETOPROTEIN (MAXIMUM AT DIAGNOSIS)

Change to Data Element: Changed linked Attribute

ALPHA FETOPROTEIN (MAXIMUM AT DIAGNOSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ANTENATAL OBSERVATION (MATERNAL HEIGHT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n1.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~ANTENATAL OBSERVATION (MATERNAL HEIGHT) is the same as data element PERSON HEIGHT IN METRES, where the MEASUREMENT VALUE TYPE CODE is *'Metres (m)'* .~~ANTENATAL OBSERVATION (MATERNAL HEIGHT) is the same as data element PERSON HEIGHT IN METRES, where the UNIT OF MEASUREMENT is *'Metres (m)'* .

ANTENATAL OBSERVATION (MATERNAL HEIGHT) is the Height of the mother measured during an

Antenatal period.

ANTENATAL OBSERVATION (MATERNAL HEIGHT)

Change to Data Element: Changed linked Attribute, Description

ANTENATAL OBSERVATION (MATERNAL HEIGHT)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ANTENATAL OBSERVATION (MATERNAL WEIGHT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~ANTENATAL OBSERVATION (MATERNAL WEIGHT) is the same as data element PERSON WEIGHT, where the MEASUREMENT VALUE TYPE CODE is *'Kilograms (kg)'*.~~ANTENATAL OBSERVATION (MATERNAL WEIGHT) is the same as data element PERSON WEIGHT, where the UNIT OF MEASUREMENT is *'Kilograms (kg)'*.

ANTENATAL OBSERVATION (MATERNAL WEIGHT) is the Weight of the mother measured during an Antenatal period.

ANTENATAL OBSERVATION (MATERNAL WEIGHT)

Change to Data Element: Changed linked Attribute, Description

ANTENATAL OBSERVATION (MATERNAL WEIGHT)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ASPARTATE AMINOTRANSFERASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~ASPARTATE AMINOTRANSFERASE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's aspartate aminotransferase concentration in *'iu/L'*.~~ASPARTATE AMINOTRANSFERASE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's aspartate aminotransferase concentration, where the UNIT OF MEASUREMENT is *'International Units per litre (IU/L)'*.

ASPARTATE AMINOTRANSFERASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

ASPARTATE AMINOTRANSFERASE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BASE EXCESS CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~BASE EXCESS CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's base excess concentration in *'Millimoles per litre (mmol/L)'*.~~BASE EXCESS CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's base excess concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

BASE EXCESS CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

BASE EXCESS CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BETA2 MICROGLOBULIN LEVEL

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~BETA2 MICROGLOBULIN LEVEL is the result of the Clinical Investigation which measures the PATIENT's beta2 microglobulin (protein found on the surface of many CELLS) in serum in *'Milligrams per litre (mg/l)'*.~~BETA2 MICROGLOBULIN LEVEL is the result of the Clinical Investigation which measures the PATIENT's beta2 microglobulin (protein found on the surface of many CELLS) in serum, where the UNIT OF MEASUREMENT is *'Milligrams per litre (mg/l)'*.

For the Cancer Outcomes and Services Data Set, BETA2 MICROGLOBULIN LEVEL is measured pre-treatment.

BETA2 MICROGLOBULIN LEVEL

Change to Data Element: Changed linked Attribute, Description

BETA2 MICROGLOBULIN LEVEL

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BETA HUMAN CHORIONIC GONADOTROPIN

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~BETA HUMAN CHORIONIC GONADOTROPIN is the result of the Clinical Investigation to determine the PATIENT's serum Tumour markers for beta human chorionic gonadotropin (bHCG) (a hormone normally found in the blood and urine during pregnancy), in *'International Units per Litre (IU/L)'*.~~BETA HUMAN CHORIONIC GONADOTROPIN is the result of the Clinical Investigation to determine the PATIENT's serum Tumour markers for beta human chorionic gonadotropin (bHCG) (a hormone normally found in the blood and urine during pregnancy), where the UNIT OF MEASUREMENT is *'International Units per Litre (IU/L)'*.

BETA HUMAN CHORIONIC GONADOTROPIN may also be produced by some Tumour CELLS. An increased level of beta-human chorionic gonadotropin may be a sign of cancer of the testis, uterus, ovary, liver, stomach, pancreas, or lungs.

BETA HUMAN CHORIONIC GONADOTROPIN

Change to Data Element: Changed linked Attribute, Description

BETA HUMAN CHORIONIC GONADOTROPIN

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BETA HUMAN CHORIONIC GONADOTROPIN (CEREBROSPINAL FLUID)

Change to Data Element: Changed linked Attribute

BETA HUMAN CHORIONIC GONADOTROPIN (CEREBROSPINAL FLUID)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BETA HUMAN CHORIONIC GONADOTROPIN (MAXIMUM AT DIAGNOSIS)

Change to Data Element: Changed linked Attribute

BETA HUMAN CHORIONIC GONADOTROPIN (MAXIMUM AT DIAGNOSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BICARBONATE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~BICARBONATE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's bicarbonate concentration (HCO3) in *'Millimoles per litre (mmol/L)'*.~~BICARBONATE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's bicarbonate concentration (HCO3), where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

BICARBONATE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

BICARBONATE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BILIRUBIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~BILIRUBIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's bilirubin concentration in *'Micromoles per litre (µmol/L)'*.~~BILIRUBIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's bilirubin concentration, where the UNIT OF MEASUREMENT is *'Micromoles per litre (µmol/L)'*.

BILIRUBIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

BILIRUBIN CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BIRTH WEIGHT

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n4
HES Item:	BIRWEIT
National Codes:	
Default Codes:	9999 - Not known

Notes:
~~BIRTH WEIGHT is the Birth Weight, where the MEASUREMENT VALUE TYPE CODE is 'Grams (g)'.~~BIRTH WEIGHT is the Birth Weight, where the UNIT OF MEASUREMENT is *'Grams (g)'.*

The range is 0001 to 9998.

BIRTH WEIGHT

Change to Data Element: Changed linked Attribute, Description

BIRTH WEIGHT

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD BASOPHILS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~BLOOD BASOPHILS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's basophils (part of the immune system that normally protects the body from infection) as a percentage of total white CELLS.~~BLOOD BASOPHILS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's basophils (part of the immune system that normally protects the body from infection) as a percentage of total white CELLS, where the UNIT OF MEASUREMENT is *'Percentage (%)'*.

BLOOD BASOPHILS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

BLOOD BASOPHILS PERCENTAGE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD EOSINOPHILS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~BLOOD EOSINOPHILS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's eosinophils (a type of white blood CELL) as a percentage of total white CELLS.~~BLOOD EOSINOPHILS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's eosinophils (a type of white

blood CELL) as a percentage of total white CELLS, where the UNIT OF MEASUREMENT is *'Percentage (%)'*.

BLOOD EOSINOPHILS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

BLOOD EOSINOPHILS PERCENTAGE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD FLOW RATE (DIALYSIS)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~BLOOD FLOW RATE (DIALYSIS) is the result of the Clinical Investigation which measures the PATIENT's blood flow rate during Haemodialysis, in *'Millilitres per Minute (ml/min)'*.~~BLOOD FLOW RATE (DIALYSIS) is the same as attribute BLOOD FLOW RATE, where the UNIT OF MEASUREMENT is *'Millilitres per Minute (ml/min)'*.

BLOOD MYELOBLASTS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~BLOOD MYELOBLASTS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's myeloblasts (immature CELL found in the bone marrow) as a percentage of total white CELLS.~~BLOOD MYELOBLASTS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's myeloblasts (immature CELLS found in the bone marrow) as a percentage of total white CELLS, where the UNIT OF MEASUREMENT is *'Percentage (%)'*.

BLOOD MYELOBLASTS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

BLOOD MYELOBLASTS PERCENTAGE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD PRESSURE AVERAGED

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3/max n3

HES Item:
National Codes:
Default Codes:

Notes:
~~BLOOD PRESSURE AVERAGED is the result of the Clinical Investigation which measures the average Blood Pressure of the PATIENT in '*Millilitres of mercury (mmHg)*'.~~BLOOD PRESSURE AVERAGED is the result of the Clinical Investigation which measures the average Blood Pressure of the PATIENT, where the UNIT OF MEASUREMENT is '*Millimetres of mercury (mmHg)*'.

BLOOD PRESSURE AVERAGED

Change to Data Element: Changed linked Attribute, Description

BLOOD PRESSURE AVERAGED

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD PRESSURE HIGHEST

Change to Data Element: Changed linked Attribute, Description

Format/Length: max n3/max n3
HES Item:
National Codes:
Default Codes:

Notes:
~~BLOOD PRESSURE HIGHEST is the result of the Clinical Investigation which measures the highest Blood Pressure of the PATIENT in '*Millilitres of mercury (mmHg)*'.~~BLOOD PRESSURE HIGHEST is the result of the Clinical Investigation which measures the highest Blood Pressure of the PATIENT, where the UNIT OF MEASUREMENT is '*Millimetres of mercury (mmHg)*'.

BLOOD PRESSURE HIGHEST

Change to Data Element: Changed linked Attribute, Description

BLOOD PRESSURE HIGHEST

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD PRESSURE LOWEST

Change to Data Element: Changed linked Attribute, Description

Format/Length: max n3/max n3
HES Item:
National Codes:
Default Codes:

Notes:
~~BLOOD PRESSURE LOWEST is the result of the Clinical Investigation which measures the lowest Blood Pressure of the PATIENT in '*Millilitres of mercury (mmHg)*'.~~BLOOD PRESSURE LOWEST is the result of the Clinical

Investigation which measures the lowest Blood Pressure of the PATIENT, where the UNIT OF MEASUREMENT is '*Millimetres of mercury (mmHg)*'.

BLOOD PRESSURE LOWEST

Change to Data Element: Changed linked Attribute, Description

BLOOD PRESSURE LOWEST

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD PRESSURE SITTING

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n3/n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~BLOOD PRESSURE SITTING is the result of the Clinical Investigation which measures the Blood Pressure of the PATIENT whilst sitting, in '*Millilitres of mercury (mmHg)*'.~~BLOOD PRESSURE SITTING is the result of the Clinical Investigation which measures the Blood Pressure of the PATIENT whilst sitting, where the UNIT OF MEASUREMENT is '*Millimetres of mercury (mmHg)*'.

BLOOD PRESSURE SITTING

Change to Data Element: Changed linked Attribute, Description

BLOOD PRESSURE SITTING

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD UREA CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~BLOOD UREA CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's blood urea concentration in '*Millimoles per litre (mmol/L)*'.~~BLOOD UREA CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's blood urea concentration, where the UNIT OF MEASUREMENT is '*Millimoles per litre (mmol/L)*'.

BLOOD UREA CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

BLOOD UREA CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD UREA CONCENTRATION (DONOR ON ADMISSION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~BLOOD UREA CONCENTRATION (DONOR ON ADMISSION) is the result of the Clinical Investigation which measures the ORGAN OR TISSUE DONOR's blood urea concentration on admission in *'Millimoles per litre (mmol/L)'*.~~BLOOD UREA CONCENTRATION (DONOR ON ADMISSION) is the result of the Clinical Investigation which measures the ORGAN OR TISSUE DONOR's blood urea concentration on admission, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

BLOOD UREA CONCENTRATION (DONOR ON ADMISSION)

Change to Data Element: Changed linked Attribute, Description

BLOOD UREA CONCENTRATION (DONOR ON ADMISSION)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BLOOD UREA CONCENTRATION (DONOR ON RETRIEVAL)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~BLOOD UREA CONCENTRATION (DONOR ON RETRIEVAL) is the result of the Clinical Investigation which measures the ORGAN OR TISSUE DONOR's blood urea concentration on retrieval in *'Millimoles per litre (mmol/L)'*.~~BLOOD UREA CONCENTRATION (DONOR ON RETRIEVAL) is the result of the Clinical Investigation which measures the ORGAN OR TISSUE DONOR's blood urea concentration on retrieval, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

BLOOD UREA CONCENTRATION (DONOR ON RETRIEVAL)

Change to Data Element: Changed linked Attribute, Description

BLOOD UREA CONCENTRATION (DONOR ON RETRIEVAL)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BONE AGE (RENAL PAEDIATRIC)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	yy.mm
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~BONE AGE (RENAL PAEDIATRIC) is the radiological Bone Age as assessed by a radiologist viewing X-rays of the PATIENT's hand and wrist.~~BONE AGE (RENAL PAEDIATRIC) is the result of the Clinical Investigation which measures the PATIENT's Bone Age.

For the National Renal Data Set, BONE AGE (RENAL PAEDIATRIC) is the radiological Bone Age as assessed by a radiologist viewing X-rays of the PATIENT's hand and wrist. The age is reported in years and months.

BONE AGE (RENAL PAEDIATRIC)

Change to Data Element: Changed linked Attribute, Description

BONE AGE (RENAL PAEDIATRIC)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BONE MARROW BLAST CELLS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~BONE MARROW BLAST CELLS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's blast CELLS in bone marrow aspirate as a percentage of all nucleated CELLS.~~BONE MARROW BLAST CELLS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's blast CELLS in bone marrow aspirate as a percentage of all nucleated CELLS, where the UNIT OF MEASUREMENT is *'Percentage (%)'*.

The value is presented in the range 0-20%.

BONE MARROW BLAST CELLS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

BONE MARROW BLAST CELLS PERCENTAGE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

BRESLOW THICKNESS

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~BRESLOW THICKNESS is the result of the Clinical Investigation which measures the PERSON's Breslow Thickness, in *'Millimetres (mm)'*, to the nearest 0.~~BRESLOW THICKNESS is the result of the Clinical Investigation which measures the PERSON's Breslow Thickness, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*, to the nearest 0.01mm.

BRESLOW THICKNESS

Change to Data Element: Changed linked Attribute, Description

BRESLOW THICKNESS

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

CALCULATED CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~CALCULATED CREATININE CLEARANCE is the result of the Clinical Investigation which measures the PATIENT's calculated creatinine clearance, in *'Millilitres per Minute (ml/min)'*.~~CALCULATED CREATININE CLEARANCE is the result of the Clinical Investigation which measures the PATIENT's calculated creatinine clearance, where the UNIT OF MEASUREMENT is *'Millilitres per Minute (ml/min)'*.

For the National Renal Data Set, CALCULATED CREATININE CLEARANCE is for PATIENTS under 18 years only.

CALCULATED CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

CALCULATED CREATININE CLEARANCE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

CD4 CELL COUNT

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n4
HES Item:	

National Codes:
Default Codes:

Notes:
~~CD4 CELL COUNT is the result of the Clinical Investigation which measures the PATIENT's CD4 cell count (an indicator of the progress of an Human Immunodeficiency Virus (HIV) infection) per *'Cubic Millimetre (mm^3)'*, as recorded at the HIV Clinic Attendance.~~CD4 CELL COUNT is the result of the Clinical Investigation which measures the PATIENT's CD4 cell count (an indicator of the progress of an Human Immunodeficiency Virus (HIV) infection), where the UNIT OF MEASUREMENT is per *'Cubic Millimetre (mm^3)'*, as recorded at the HIV Clinic Attendance.

If the PATIENT's CD4 cell count has not been recorded, the field should be omitted.

CD4 CELL COUNT

Change to Data Element: Changed linked Attribute, Description

CD4 CELL COUNT
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

CHOLESTEROL HIGH DENSITY LIPOPROTEIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length: max n3.max n1
HES Item:
National Codes:
Default Codes:

Notes:
~~CHOLESTEROL HIGH DENSITY LIPOPROTEIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's cholesterol high density lipoprotein (HDL) concentration in *'Millimoles per litre (mmol/L)'*.~~CHOLESTEROL HIGH DENSITY LIPOPROTEIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's cholesterol high density lipoprotein (HDL) concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

CHOLESTEROL HIGH DENSITY LIPOPROTEIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

CHOLESTEROL HIGH DENSITY LIPOPROTEIN CONCENTRATION
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

CHOLESTEROL LOW DENSITY LIPOPROTEIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length: max n1.max n1
HES Item:
National Codes:

Default Codes:

Notes:
~~CHOLESTEROL LOW DENSITY LIPOPROTEIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's cholesterol low density lipoprotein (LDL) concentration in *'Millimoles per litre (mmol/L)'*.~~CHOLESTEROL LOW DENSITY LIPOPROTEIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's cholesterol low density lipoprotein (LDL) concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

CHOLESTEROL LOW DENSITY LIPOPROTEIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

CHOLESTEROL LOW DENSITY LIPOPROTEIN CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

CHOLESTEROL TOTAL CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~CHOLESTEROL TOTAL CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's cholesterol total concentration in *'Millimoles per litre (mmol/L)'*.~~CHOLESTEROL TOTAL CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's cholesterol total concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

CHOLESTEROL TOTAL CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

CHOLESTEROL TOTAL CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

CYCLOSPORINE A 12 HOUR TROUGH LEVEL (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~CYCLOSPORINE A 12 HOUR TROUGH LEVEL (RECIPIENT) is the result of the Clinical Investigation which measures the PATIENT's Cyclosporine A 12 hour trough level (C2) in *'ng/ml'*.~~CYCLOSPORINE A 12 HOUR TROUGH LEVEL (RECIPIENT) is the result of the Clinical Investigation which measures the PATIENT's Cyclosporine A 12 hour

trough level (C2), where the UNIT OF MEASUREMENT is '*Nanograms per millilitre (ng/ml)*'.

CYCLOSPORINE A 12 HOUR TROUGH LEVEL (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

CYCLOSPORINE A 12 HOUR TROUGH LEVEL (RECIPIENT)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

CYCLOSPORINE A 2 HOUR TROUGH LEVEL C2 (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~CYCLOSPORINE A 2 HOUR TROUGH LEVEL C2 (RECIPIENT) is the result of the Clinical Investigation which measures the PATIENT's Cyclosporine A 2 hour trough level (C2) in *'ng/ml'*.~~CYCLOSPORINE A 2 HOUR TROUGH LEVEL C2 (RECIPIENT) is the result of the Clinical Investigation which measures the PATIENT's Cyclosporine A 2 hour trough level (C2), where the UNIT OF MEASUREMENT is '*Nanograms per millilitre (ng/ml)*'.

CYCLOSPORINE A 2 HOUR TROUGH LEVEL C2 (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

CYCLOSPORINE A 2 HOUR TROUGH LEVEL C2 (RECIPIENT)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DIALYSATE 24 HOUR CREATININE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~DIALYSATE 24 HOUR CREATININE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's dialysate 24 hour creatinine concentration in *'Litres (l)'*.~~DIALYSATE 24 HOUR CREATININE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's dialysate 24 hour creatinine concentration, where the UNIT OF MEASUREMENT is *'Litres (l)'*.

DIALYSATE 24 HOUR CREATININE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

DIALYSATE 24 HOUR CREATININE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DIALYSATE 24 HOUR PROTEIN LOSS

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~DIALYSATE 24 HOUR PROTEIN LOSS is the result of the Clinical Investigation which measures the PATIENT's 24 hour dialysate protein loss in *'Grams (g)'.*~~DIALYSATE 24 HOUR PROTEIN LOSS is the result of the Clinical Investigation which measures the PATIENT's 24 hour dialysate protein loss, where the UNIT OF MEASUREMENT is *'Grams (g)'.*

DIALYSATE 24 HOUR PROTEIN LOSS

Change to Data Element: Changed linked Attribute, Description

DIALYSATE 24 HOUR PROTEIN LOSS

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DIALYSATE 24 HOUR UREA CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~DIALYSATE 24 HOUR UREA CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's dialysate 24 hour urea concentration in *'Millimoles per litre (mmol/L)'.*~~DIALYSATE 24 HOUR UREA CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's dialysate 24 hour urea concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'.*

DIALYSATE 24 HOUR UREA CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

DIALYSATE 24 HOUR UREA CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DIALYSATE 24 HOUR VOLUME

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~DIALYSATE 24 HOUR VOLUME is the result of the Clinical Investigation which measures the PATIENT's dialysate total 24 hour volume in *'Litres (l)'*.~~DIALYSATE 24 HOUR VOLUME is the result of the Clinical Investigation which measures the PATIENT's dialysate total 24 hour volume, where the UNIT OF MEASUREMENT is *'Litres (l)'*.

DIALYSATE 24 HOUR VOLUME

Change to Data Element: Changed linked Attribute, Description

DIALYSATE 24 HOUR VOLUME

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DIALYSATE EFFLUENT VOLUME (4 HOUR)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n6
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~DIALYSATE EFFLUENT VOLUME (4 HOUR) is the result of the Clinical Investigation which measures the PATIENT's dialysate effulent volume (4 hours) in *'Litres (l)'*.~~DIALYSATE EFFLUENT VOLUME (4 HOUR) is the result of the Clinical Investigation which measures the PATIENT's dialysate effulent volume (4 hours), where the UNIT OF MEASUREMENT is *'Litres (l)'*.

DIALYSATE EFFLUENT VOLUME (4 HOUR)

Change to Data Element: Changed linked Attribute, Description

DIALYSATE EFFLUENT VOLUME (4 HOUR)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DIALYSATE GLUCOSE END OF DWELL (4 HOUR)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~DIALYSATE GLUCOSE END OF DWELL (4 HOUR) is the result of the Clinical Investigation which measures the PATIENT's dialysate glucose at the end of dwell (4 hours) in *'Millimoles per litre (mmol/L)'*.~~DIALYSATE

GLUCOSE END OF DWELL (4 HOUR) is the result of the Clinical Investigation which measures the PATIENT's dialysate glucose at the end of dwell (4 hours), where the UNIT OF MEASUREMENT is '*Millimoles per litre (mmol/L)*'.

DIALYSATE GLUCOSE END OF DWELL (4 HOUR)

Change to Data Element: Changed linked Attribute, Description

DIALYSATE GLUCOSE END OF DWELL (4 HOUR)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DIALYSATE GLUCOSE START OF DWELL (4 HOUR)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~DIALYSATE GLUCOSE START OF DWELL (4 HOUR) is the result of the Clinical Investigation which measures the PATIENT's dialysate glucose at the start of dwell (4 hours) in '*Millimoles per litre (mmol/L)*'.~~DIALYSATE GLUCOSE START OF DWELL (4 HOUR) is the result of the Clinical Investigation which measures the PATIENT's dialysate glucose at the start of dwell (4 hours), where the UNIT OF MEASUREMENT is '*Millimoles per litre (mmol/L)*'.

DIALYSATE GLUCOSE START OF DWELL (4 HOUR)

Change to Data Element: Changed linked Attribute, Description

DIALYSATE GLUCOSE START OF DWELL (4 HOUR)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DIASTOLIC BLOOD PRESSURE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~DIASTOLIC BLOOD PRESSURE is the Diastolic Blood Pressure of a PATIENT in '*Millilitres of mercury (mmHg)*'.~~DIASTOLIC BLOOD PRESSURE is the result of the Clinical Investigation which measures the PATIENT's Diastolic Blood Pressure, where the UNIT OF MEASUREMENT is '*Millimetres of mercury (mmHg)*'.

DIASTOLIC BLOOD PRESSURE

Change to Data Element: Changed linked Attribute, Description

DIASTOLIC BLOOD PRESSURE

Attribute:

~~MEASURED OBSERVATION VALUE~~

CLINICAL INVESTIGATION RESULT VALUE

DIASTOLIC BLOOD PRESSURE (POST HAEMODIALYSIS)

Change to Data Element: Changed linked Attribute

DIASTOLIC BLOOD PRESSURE (POST HAEMODIALYSIS)

Attribute:

~~MEASURED OBSERVATION VALUE~~

CLINICAL INVESTIGATION RESULT VALUE

DIASTOLIC BLOOD PRESSURE (PRE-HAEMODIALYSIS)

Change to Data Element: Changed linked Attribute

DIASTOLIC BLOOD PRESSURE (PRE-HAEMODIALYSIS)

Attribute:

~~MEASURED OBSERVATION VALUE~~

CLINICAL INVESTIGATION RESULT VALUE

DISTANCE BEYOND MUSCULARIS PROPRIA

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~DISTANCE BEYOND MUSCULARIS PROPRIA is the maximum distance of spread of the Tumour beyond muscularis propria, in *'Millimetres (mm)',* to the nearest 0.~~DISTANCE BEYOND MUSCULARIS PROPRIA is the maximum distance of spread of the Tumour beyond muscularis propria, where the UNIT OF MEASUREMENT is *'Millimetres (mm)',* to the nearest 0.1mm.

Note: if there is doubt about the sites of the muscularis propria, the distance should be estimated as accurately as possible.

DISTANCE BEYOND MUSCULARIS PROPRIA

Change to Data Element: Changed linked Attribute, Description

DISTANCE BEYOND MUSCULARIS PROPRIA

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DISTANCE FROM DENTATE LINE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~DISTANCE FROM DENTATE LINE is the distance of the Tumour from the dentate line for Abdomino-Perineal Excision of Rectum (APER) specimens, in *'Millimetres (mm)'*, to the nearest 0.~~DISTANCE FROM DENTATE LINE is the distance of the Tumour from the dentate line for Abdomino-Perineal Excision of Rectum (APER) specimens, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*, to the nearest 0.1mm.

DISTANCE FROM DENTATE LINE

Change to Data Element: Changed linked Attribute, Description

DISTANCE FROM DENTATE LINE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DISTANCE TO CIRCUMFERENTIAL EXCISION MARGIN

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~DISTANCE TO CIRCUMFERENTIAL EXCISION MARGIN is the distance from the Tumour to the circumferential margin, in *'Millimetres (mm)'*, to the nearest 0.~~DISTANCE TO CIRCUMFERENTIAL EXCISION MARGIN is the distance from the Tumour to the circumferential margin, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*, to the nearest 0.1mm.

DISTANCE TO CIRCUMFERENTIAL EXCISION MARGIN

Change to Data Element: Changed linked Attribute, Description

DISTANCE TO CIRCUMFERENTIAL EXCISION MARGIN

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DISTANCE TO CLOSEST NON PERITONEALISED RESECTION MARGIN

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	

Default Codes:

Notes:

~~DISTANCE TO CLOSEST NON PERITONEALISED RESECTION MARGIN is the distance from the outer margin of the Tumour to the closest non peritonealised resection margin, in *'Millimetres (mm)'*, to the nearest 0.~~DISTANCE TO CLOSEST NON PERITONEALISED RESECTION MARGIN is the distance from the outer margin of the Tumour to the closest non peritonealised resection margin, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*, to the nearest 0.1mm.

DISTANCE TO CLOSEST NON PERITONEALISED RESECTION MARGIN

Change to Data Element: Changed linked Attribute, Description

DISTANCE TO CLOSEST NON PERITONEALISED RESECTION MARGIN

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DISTANCE TO DISTAL RESECTION MARGIN

Change to Data Element: Changed linked Attribute, Description

Format/Length: max n2.n1
HES Item:
National Codes:
Default Codes:

Notes:

~~DISTANCE TO DISTAL RESECTION MARGIN is the distance between the lower end of the Tumour and the distal resection margin in *'Millimetres (mm)'*, to the nearest 0.~~DISTANCE TO DISTAL RESECTION MARGIN is the distance between the lower end of the Tumour and the distal resection margin, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*, to the nearest 0.1mm.

DISTANCE TO DISTAL RESECTION MARGIN

Change to Data Element: Changed linked Attribute, Description

DISTANCE TO DISTAL RESECTION MARGIN

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DISTANCE TO MARGIN

Change to Data Element: Changed linked Attribute, Description

Format/Length: max n2
HES Item:
National Codes:
Default Codes:

Notes:

~~DISTANCE TO MARGIN is the distance of the Tumour to the nearest margin (the rim of TISSUE around the Tumour or lesion which has been removed) whether the Tumour is invasive or non invasive in *'Millimetres (mm)'*.~~DISTANCE TO MARGIN is the distance of the Tumour to the nearest margin (the rim of TISSUE around the

Tumour or lesion which has been removed) whether the Tumour is invasive or non invasive, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*.

DISTANCE TO MARGIN

Change to Data Element: Changed linked Attribute, Description

DISTANCE TO MARGIN

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

DISTANCE TO SEROSA

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~DISTANCE TO SEROSA is the Tumour-free distance from the Tumour to the serosa (a smooth membrane consisting of a thin layer of CELLS which secrete serous fluid), in *'Millimetres (mm)'*.~~DISTANCE TO SEROSA is the Tumour-free distance from the Tumour to the serosa (a smooth membrane consisting of a thin layer of CELLS which secrete serous fluid), where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*.

DISTANCE TO SEROSA

Change to Data Element: Changed linked Attribute, Description

DISTANCE TO SEROSA

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ESTIMATED ENERGY INTAKE

Change to Data Element: Changed Description

Format/Length:	max n3.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~ESTIMATED ENERGY INTAKE is the same as attribute ESTIMATED ENERGY INTAKE in *'Kilocalories (kcal)'*.~~ESTIMATED ENERGY INTAKE is the same as attribute ESTIMATED ENERGY INTAKE, where the UNIT OF MEASUREMENT is *'Kilocalories (kcal)'*.

ESTIMATED GLOMERULAR FILTRATION RATE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2

HES Item:
National Codes:
Default Codes:

Notes:
ESTIMATED GLOMERULAR FILTRATION RATE is the result of the Clinical Investigation to determine the PATIENT's Estimated Glomerular Filtration Rate (eGFR), a test that is used to assess how well the kidneys are working.

~~ESTIMATED GLOMERULAR FILTRATION RATE is a measurement of how many millilitres (ml) of waste fluid the kidneys can filter from the blood in a minute, measured in *'Millilitres per Minute divided by 1.*~~ESTIMATED GLOMERULAR FILTRATION RATE is a measurement of how many millilitres (ml) of waste fluid the kidneys can filter from the blood in a minute, where the UNIT OF MEASUREMENT is *'Millilitres per Minute divided by 1.73 Square Metres (ml/min/1.73m^2)'*.

For the Cancer Outcomes and Services Data Set: Urology, ESTIMATED GLOMERULAR FILTRATION RATE is collected once at PATIENT DIAGNOSIS.

ESTIMATED GLOMERULAR FILTRATION RATE

Change to Data Element: Changed linked Attribute, Description

ESTIMATED GLOMERULAR FILTRATION RATE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

ESTIMATED POTASSIUM INTAKE

Change to Data Element: Changed Description

Format/Length: max n2.max n1
HES Item:
National Codes:
Default Codes:

Notes:
~~ESTIMATED POTASSIUM INTAKE is the same as attribute ESTIMATED POTASSIUM INTAKE in *'Millimoles (mmol)'*.~~ESTIMATED POTASSIUM INTAKE is the same as attribute ESTIMATED POTASSIUM INTAKE, where the UNIT OF MEASUREMENT is *'Millimoles (mmol)'*.

ESTIMATED PROTEIN INTAKE

Change to Data Element: Changed Description

Format/Length: max n3.max n1
HES Item:
National Codes:
Default Codes:

Notes:
~~ESTIMATED PROTEIN INTAKE is the same as attribute ESTIMATED PROTEIN INTAKE in *'Grams (g)'*.~~ESTIMATED PROTEIN INTAKE is the same as attribute ESTIMATED PROTEIN INTAKE, where the UNIT OF MEASUREMENT is *'Grams (g)'*.

FINAL EXCISION MARGIN AFTER WIDE LOCAL EXCISION

Change to Data Element: Changed Description

Format/Length:	max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~FINAL EXCISION MARGIN AFTER WIDE LOCAL EXCISION is the same as attribute FINAL EXCISION MARGIN AFTER WIDE LOCAL EXCISION, measured in *'Millimetres (mm)'*.~~FINAL EXCISION MARGIN AFTER WIDE LOCAL EXCISION is the same as attribute FINAL EXCISION MARGIN AFTER WIDE LOCAL EXCISION, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*.

FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n1.n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT) is the same as Forced Expiratory Volume in 1 second (Absolute Amount), where the MEASUREMENT VALUE TYPE CODE is *'Litres (l)'*.~~FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT) is the result of the Clinical Investigation which measures the PATIENT's Forced Expiratory Volume in 1 second (Absolute Amount), where the UNIT OF MEASUREMENT is *'Litres (l)'*.

For the Cancer Outcomes and Services Data Set, FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT) is presented in the range 0.10 to 9.99.

FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT)

Change to Data Element: Changed linked Attribute, Description

FORCED EXPIRATORY VOLUME IN 1 SECOND (ABSOLUTE AMOUNT)

Attribute:

~~MEASURED OBSERVATION VALUE~~
CLINICAL INVESTIGATION RESULT VALUE

FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE)~~ ~~is the same as~~ ~~Forced Expiratory Volume in 1 second (Percentage)~~, ~~where the~~ ~~MEASUREMENT VALUE TYPE CODE~~ ~~is *'Percentage'*.~~FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE) is the result of the Clinical Investigation which measures the PATIENT's Forced Expiratory Volume in 1 second (Percentage).

For the Cancer Outcomes and Services Data Set, FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE) is presented in the range 1 to 150.

FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE)

Change to Data Element: Changed linked Attribute, Description

FORCED EXPIRATORY VOLUME IN 1 SECOND (PERCENTAGE)

Attribute:

~~MEASURED OBSERVATION VALUE~~
CLINICAL INVESTIGATION RESULT VALUE

GAMMA GLUTAMYL TRANSFERASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~GAMMA GLUTAMYL TRANSFERASE CONCENTRATION~~ ~~is the result of the~~ ~~Clinical Investigation~~ ~~which measures the~~ ~~PATIENT~~~~'s gamma glutamyl transferase concentration in *'iu/L'*.~~GAMMA GLUTAMYL TRANSFERASE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's gamma glutamyl transferase concentration, where the UNIT OF MEASUREMENT is '*International Units per litre (IU/L)*'.

GAMMA GLUTAMYL TRANSFERASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

GAMMA GLUTAMYL TRANSFERASE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

GESTATION (DATING ULTRASOUND SCAN)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~GESTATION (DATING ULTRASOUND SCAN)~~ ~~is the~~ ~~Gestation Length In Days~~ ~~as measured at the~~ ~~Dating Ultrasound~~

Scan.GESTATION (DATING ULTRASOUND SCAN) is the same as attribute GESTATION LENGTH IN DAYS as measured at the Dating Ultrasound Scan.

GESTATION (DATING ULTRASOUND SCAN)

Change to Data Element: Changed linked Attribute, Description

GESTATION (DATING ULTRASOUND SCAN)

Attribute:

GESTATION LENGTH IN DAYS

GESTATION LENGTH (AT 6 - 8 WEEK PHYSICAL EXAMINATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
GESTATION LENGTH (AT 6 - 8 WEEK PHYSICAL EXAMINATION) is the Gestation Length In Days at the SCREENING DATE (6 - 8 WEEK PHYSICAL EXAMINATION).GESTATION LENGTH (AT 6 - 8 WEEK PHYSICAL EXAMINATION) is the same as attribute GESTATION LENGTH IN DAYS at the SCREENING DATE (6 - 8 WEEK PHYSICAL EXAMINATION).

GESTATION LENGTH (AT 6 - 8 WEEK PHYSICAL EXAMINATION)

Change to Data Element: Changed linked Attribute, Description

GESTATION LENGTH (AT 6 - 8 WEEK PHYSICAL EXAMINATION)

Attribute:

GESTATION LENGTH IN DAYS

GESTATION LENGTH (AT BIRTH)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
GESTATION LENGTH (AT BIRTH) is the Gestation Length In Days at the PERSON BIRTH DATE of the REGISTRABLE BIRTH.GESTATION LENGTH (AT BIRTH) is the same as attribute GESTATION LENGTH IN DAYS at the PERSON BIRTH DATE of the REGISTRABLE BIRTH.

GESTATION LENGTH (AT BIRTH) is calculated as:

280 - (ESTIMATED DATE OF DELIVERY (AGREED) - PERSON BIRTH DATE (BABY)).

GESTATION LENGTH (AT BIRTH)

Change to Data Element: Changed linked Attribute, Description

GESTATION LENGTH (AT BIRTH)

Attribute:

GESTATION LENGTH IN DAYS

GESTATION LENGTH (PREGNANCY FIRST CONTACT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~GESTATION LENGTH (PREGNANCY FIRST CONTACT) is the Gestation Length In Days at PREGNANCY FIRST CONTACT DATE.~~GESTATION LENGTH (PREGNANCY FIRST CONTACT) is the same as attribute GESTATION LENGTH IN DAYS at the PREGNANCY FIRST CONTACT DATE.

GESTATION LENGTH (PREGNANCY FIRST CONTACT)

Change to Data Element: Changed linked Attribute, Description

GESTATION LENGTH (PREGNANCY FIRST CONTACT)

Attribute:

GESTATION LENGTH IN DAYS

HAEMOGLOBIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~HAEMOGLOBIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's haemoglobin concentration in *'Grams per decilitre (g/dl)'*.~~HAEMOGLOBIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's haemoglobin concentration, where the UNIT OF MEASUREMENT is *'Grams per decilitre (g/dl)'*.

For the Cancer Outcomes and Services Data Set, the value is presented in the range 1.0-25.0

HAEMOGLOBIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

HAEMOGLOBIN CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HAEMOGLOBIN CONCENTRATION (PRE-DIALYSIS)

Change to Data Element: Changed linked Attribute

HAEMOGLOBIN CONCENTRATION (PRE-DIALYSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HAEMOGLOBIN CONCENTRATION (PRIOR END STAGE RENAL FAILURE)

Change to Data Element: Changed linked Attribute

HAEMOGLOBIN CONCENTRATION (PRIOR END STAGE RENAL FAILURE)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HAND GRIP STRENGTH

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~HAND GRIP STRENGTH~~ ~~is the~~ ~~Hand Grip Strength~~ ~~of a~~ ~~PATIENT~~~~, where the~~ ~~MEASUREMENT VALUE TYPE CODE~~ ~~is~~ ~~*'Kilograms (kg)'*~~.HAND GRIP STRENGTH is the result of the Clinical Investigation which measures the PATIENT's Hand Grip Strength, where the UNIT OF MEASUREMENT is *'Kilograms (kg)'*.

HAND GRIP STRENGTH

Change to Data Element: Changed linked Attribute, Description

HAND GRIP STRENGTH

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HBA1C CONCENTRATION (DCCT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~HbA1c CONCENTRATION (DCCT) is the result of the Clinical Investigation which measures the PATIENT's HbA1c concentration where the MEASUREMENT VALUE TYPE CODE is *'Percentage'*, using the Diabetes Control and Complications Trial (DCCT) reference method.~~HbA1c CONCENTRATION (DCCT) is the result of the Clinical Investigation which measures the PATIENT's HbA1c concentration, where the UNIT OF MEASUREMENT is '*Percentage*', using the Diabetes Control and Complications Trial (DCCT) reference method.

HBA1C CONCENTRATION (DCCT)

Change to Data Element: Changed linked Attribute, Description

HbA1c CONCENTRATION (DCCT)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HBA1C CONCENTRATION (IFCC)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n1.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~HbA1c CONCENTRATION (IFCC) is the result of the Clinical Investigation which measures the PATIENT's HbA1c concentration in *'Millimoles per mole (mmol/mol)'*, where the measurement is made using the International Federation of Clinical Chemistry (IFCC) reference method.~~HbA1c CONCENTRATION (IFCC) is the result of the Clinical Investigation which measures the PATIENT's HbA1c concentration, where the UNIT OF MEASUREMENT is *'Millimoles per mole (mmol/mol)'*, where the measurement is made using the International Federation of Clinical Chemistry (IFCC) reference method.

HBA1C CONCENTRATION (IFCC)

Change to Data Element: Changed linked Attribute, Description

HbA1c CONCENTRATION (IFCC)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HEAD CIRCUMFERENCE (RENAL PAEDIATRIC)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~HEAD CIRCUMFERENCE (RENAL PAEDIATRIC) is the Head Circumference of a PATIENT, where the MEASUREMENT VALUE TYPE CODE is *'Centimetres (cm)'*.~~HEAD CIRCUMFERENCE (RENAL PAEDIATRIC) is the result of the Clinical Investigation which measures the PATIENT's Head Circumference, where the UNIT OF

MEASUREMENT is *'Centimetres (cm)'*.

HEAD CIRCUMFERENCE (RENAL PAEDIATRIC)

Change to Data Element: Changed linked Attribute, Description

HEAD CIRCUMFERENCE (RENAL PAEDIATRIC)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HEART RATE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~HEART RATE is the Heart Rate of the PATIENT, where the MEASUREMENT VALUE TYPE CODE is *'Beats per minute (bpm)'*.~~HEART RATE is the result of the Clinical Investigation which measures the PATIENT's Heart Rate, where the UNIT OF MEASUREMENT is *'Beats per minute (bpm)'*.

HEART RATE

Change to Data Element: Changed linked Attribute, Description

HEART RATE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HEIGHT IN CENTIMETRES FIRST VISIT

Change to Data Element: Changed linked Attribute

HEIGHT IN CENTIMETRES FIRST VISIT

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HIP MEASUREMENT

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~HIP MEASUREMENT is the Hip Measurement of the PATIENT, where the MEASUREMENT VALUE TYPE CODE is *'Centimetres (cm)'*.~~HIP MEASUREMENT is the result of the Clinical Investigation which measures the

PATIENT's Hip Measurement, where the UNIT OF MEASUREMENT is *'Centimetres (cm)'*.

HIP MEASUREMENT

Change to Data Element: Changed linked Attribute, Description

HIP MEASUREMENT

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

HYPOCHROMIC RED CELLS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~HYPOCHROMIC RED CELLS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's hypochromic red cells percentage.~~HYPOCHROMIC RED CELLS PERCENTAGE is the result of the Clinical Investigation which measures the PATIENT's hypochromic red cells percentage, where the UNIT OF MEASUREMENT is *'Percentage (%)'*.

HYPOCHROMIC RED CELLS PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

HYPOCHROMIC RED CELLS PERCENTAGE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

INVASIVE THICKNESS

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~INVASIVE THICKNESS is the thickness or depth of the invasive Lesion, measured in *'Millimetres (mm)'*.~~INVASIVE THICKNESS is the thickness or depth of the invasive Lesion, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*.

INVASIVE THICKNESS

Change to Data Element: Changed linked Attribute, Description

INVASIVE THICKNESS

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

INVASIVE TUMOUR SIZE

Change to Data Element: Changed Description

Format/Length:	max an2
HES Item:	
National Codes:	
Default Codes:	NK - Invasive size not known NA - Size not applicable (non-invasive or micro-invasive cancer only)

Notes:

INVASIVE TUMOUR SIZE is the same as attribute TUMOUR SIZE.

~~INVASIVE TUMOUR SIZE is the size of the Tumour in millimetres and is only applicable where the cancer detected was invasive.~~INVASIVE TUMOUR SIZE is the size of the Tumour, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'* and is only applicable where the cancer detected was invasive.

ISOTOPIC GLOMERULAR FILTRATION RATE (LIVING DONOR)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~ISOTOPIC GLOMERULAR FILTRATION RATE (LIVING DONOR) is the result of the Clinical Investigation which measures the living ORGAN OR TISSUE DONOR's isotopic glomerular filtration rate in *'Millilitres per Minute (ml/min)'*.~~ISOTOPIC GLOMERULAR FILTRATION RATE (LIVING DONOR) is the result of the Clinical Investigation which measures the living ORGAN OR TISSUE DONOR's isotopic glomerular filtration rate, where the UNIT OF MEASUREMENT is *'Millilitres per Minute (ml/min)'*.

ISOTOPIC GLOMERULAR FILTRATION RATE (LIVING DONOR)

Change to Data Element: Changed linked Attribute, Description

ISOTOPIC GLOMERULAR FILTRATION RATE (LIVING DONOR)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

LACTATE DEHYDROGENASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~LACTATE DEHYDROGENASE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's lactate dehydrogenase concentration in *'iu/L'*.~~LACTATE DEHYDROGENASE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's lactate dehydrogenase concentration, where the UNIT OF MEASUREMENT is '*International Units per litre (IU/L)'*.

LACTATE DEHYDROGENASE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

LACTATE DEHYDROGENASE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

LESION SIZE (PATHOLOGICAL)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
LESION SIZE (PATHOLOGICAL) is the same as attribute LESION SIZE.

~~LESION SIZE (PATHOLOGICAL) is the diameter of the Lesion, (or largest Lesion if there is more than one), where the histology of a SAMPLE proves to be invasive, measured in *'Millimetres (mm)'*.~~LESION SIZE (PATHOLOGICAL) is the diameter of the Lesion, (or largest Lesion if there is more than one), where the histology of a SAMPLE proves to be invasive, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*.

LESION SIZE (RADIOLOGICAL)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
LESION SIZE (RADIOLOGICAL) is the same as attribute LESION SIZE.

~~LESION SIZE (RADIOLOGICAL) is the radiologically estimated size of the maximum diameter of the primary Lesion (or largest Lesion if there is more than one), measured in *Millimetres (mm)'*.~~LESION SIZE (RADIOLOGICAL) is the radiologically estimated size of the maximum diameter of the primary Lesion (or largest Lesion if there is more than one), where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*.

For the Cancer Outcomes and Services Data Set: Central Nervous System:

- The maximum size of the Tumour or Lesion will be 99 Millimetres
- Record '00' to indicate the Tumour or Lesion is not assessable for diffuse Tumours (e.g. gliomatosis cerebri).

MEASURED 24HR CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~MEASURED 24HR CREATININE CLEARANCE is the result of the Clinical Investigation which measures the PATIENT's measured creatinine clearance in *'Millilitres per Minute (ml/min)'*, in a 24 hour period.~~MEASURED 24HR CREATININE CLEARANCE is the result of the Clinical Investigation which measures the PATIENT's measured creatinine clearance in a 24 hour period, where the UNIT OF MEASUREMENT is *'Millilitres per Minute (ml/min)'.*

MEASURED 24HR CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

MEASURED 24HR CREATININE CLEARANCE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

MEASURED CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~MEASURED CREATININE CLEARANCE is the result of the Clinical Investigation which measures the PATIENT's measured creatinine clearance in *'Millilitres per Minute (ml/min)'*.~~MEASURED CREATININE CLEARANCE is the result of the Clinical Investigation which measures the PATIENT's measured creatinine clearance, where the UNIT OF MEASUREMENT is *'Millilitres per Minute (ml/min)'*.

MEASURED CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

MEASURED CREATININE CLEARANCE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

MEASURED GLOMERULAR FILTRATION RATE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n2

HES Item:
National Codes:
Default Codes:

Notes:
~~MEASURED GLOMERULAR FILTRATION RATE is the result of the Clinical Investigation which measures the PATIENT's measured glomerular filtration rate in:~~MEASURED GLOMERULAR FILTRATION RATE is the result of the Clinical Investigation which measures the PATIENT's measured glomerular filtration rate, where the UNIT OF MEASUREMENT is:

- *'Millilitres per Minute (ml/min)'* where the measurement is **uncorrected** or
- *'Millilitres per Minute (ml/min/1.73m^2)'* where the measurement is **corrected**.

MEASURED GLOMERULAR FILTRATION RATE

Change to Data Element: Changed linked Attribute, Description

MEASURED GLOMERULAR FILTRATION RATE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

MID ARM CIRCUMFERENCE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~MID ARM CIRCUMFERENCE is the Mid Arm Circumference of the PERSON, where the MEASUREMENT VALUE TYPE CODE is *'Centimetres'*.~~MID ARM CIRCUMFERENCE is the result of the Clinical Investigation which measures the PATIENT's Mid Arm Circumference, where the UNIT OF MEASUREMENT is *'Centimetres (cm)'*.

MID ARM CIRCUMFERENCE

Change to Data Element: Changed linked Attribute, Description

MID ARM CIRCUMFERENCE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

MITOTIC RATE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~MITOTIC RATE is the outcome of the Clinical Investigation which measures the PATIENT's Mitotic Rate (MR), a measure of how fast cancer CELLS are dividing and growing, in *'Square Millimetres (mm^2)'*.~~MITOTIC RATE is the outcome of the Clinical Investigation which measures the PATIENT's Mitotic Rate (MR), a measure of how fast cancer CELLS are dividing and growing, where the UNIT OF MEASUREMENT is *'Square Millimetres (mm^2)'*.

The value is presented in the range 0-20.

MITOTIC RATE

Change to Data Element: Changed linked Attribute, Description

MITOTIC RATE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

MYCOPHENOLIC ACID TROUGH LEVEL (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~MYCOPHENOLIC ACID TROUGH LEVEL (RECIPIENT) is the result of the Clinical Investigation which measures the PATIENT's mycophenolic acid (MPA) trough level in *'Micrograms per millilitre (µg/ml)'*.~~MYCOPHENOLIC ACID TROUGH LEVEL (RECIPIENT) is the result of the Clinical Investigation which measures the PATIENT's mycophenolic acid (MPA) trough level, where the UNIT OF MEASUREMENT is *'Micrograms per millilitre (µg/ml)'*.

MYCOPHENOLIC ACID TROUGH LEVEL (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

MYCOPHENOLIC ACID TROUGH LEVEL (RECIPIENT)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

NEUTROPHIL COUNT

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~NEUTROPHIL COUNT is the result of the Clinical Investigation which measures the PATIENT's blood neutrophil~~

~~count, in *'Number per Decilitre (n/dl)'*.~~NEUTROPHIL COUNT is the result of the Clinical Investigation which measures the PATIENT's blood neutrophil count, where the UNIT OF MEASUREMENT is *'Number per Decilitre (n/dl)'*.

NEUTROPHIL COUNT

Change to Data Element: Changed linked Attribute, Description

NEUTROPHIL COUNT

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

NON INVASIVE TUMOUR SIZE

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~NON INVASIVE TUMOUR SIZE is the same as attribute TUMOUR SIZE.~~NON INVASIVE TUMOUR SIZE is the same as attribute TUMOUR SIZE, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*.

NON INVASIVE TUMOUR SIZE is the size of the non invasive Tumour and is only required if there is no invasive component.

NORMALISED PROTEIN CATABOLIC RATE (DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n4
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~NORMALISED PROTEIN CATABOLIC RATE (DIALYSIS) is the result of the Clinical Investigation which measures the PATIENT's normalised protein catabolic rate in *"g/kg/day"* to calculate the peritoneal dialysis clearance.~~

NORMALISED PROTEIN CATABOLIC RATE (DIALYSIS) is the result of the Clinical Investigation which measures the PATIENT's normalised protein catabolic rate to calculate the peritoneal dialysis clearance, where the UNIT OF MEASUREMENT is *'Grams per kilogram per day (g/kg/day)'*.

NORMALISED PROTEIN CATABOLIC RATE (DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

NORMALISED PROTEIN CATABOLIC RATE (DIALYSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE records the calculation of the PATIENT's weekly peritoneal dialysis normalised creatinine clearance in *'l/week/1.73²'*.~~NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE records the calculation of the PATIENT's weekly peritoneal dialysis normalised creatinine clearance, where the UNIT OF MEASUREMENT is '*Litres per week per 1.73 metres squared (l/week/1.73²)*'.

NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

OBSERVATION DATE (ALANINE AMINOTRANSFERASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (ALANINE AMINOTRANSFERASE CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (ALANINE AMINOTRANSFERASE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (ALANINE AMINOTRANSFERASE CONCENTRATION) is the date when the PATIENT's alanine aminotranferase concentration was measured.

OBSERVATION DATE (ALANINE AMINOTRANSFERASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (ALANINE AMINOTRANSFERASE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (ALKALINE PHOSPHATASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (ALKALINE PHOSPHATASE CONCENTRATION)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (ALKALINE PHOSPHATASE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (ALKALINE PHOSPHATASE CONCENTRATION) is the date when the PATIENT's alkaline phosphatase concentration was measured.

OBSERVATION DATE (ALKALINE PHOSPHATASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (ALKALINE PHOSPHATASE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (ANTENATAL)

Change to Data Element: Changed Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (ANTENATAL)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~, ~~for a~~ ~~MEASURED PERSON OBSERVATION~~ ~~for the mother during the~~ ~~Antenatal~~ ~~period of a~~ ~~Maternity Episode~~.OBSERVATION DATE (ANTENATAL) is the same as attribute PERSON PROPERTY OBSERVED DATE for the mother during the Antenatal period of a Maternity Episode.

OBSERVATION DATE (ASPARTATE AMINOTRANSFERASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (ASPARTATE AMINOTRANSFERASE CONCENTRATION)~~ ~~is the same as attribute~~ ~~PERSON~~

~~PROPERTY OBSERVED DATE~~ OBSERVATION DATE (ASPARTATE AMINOTRANSFERASE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (ASPARTATE AMINOTRANSFERASE CONCENTRATION) is the date when the PATIENT's aspartate aminotranferase concentration was measured.

OBSERVATION DATE (ASPARTATE AMINOTRANSFERASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (ASPARTATE AMINOTRANSFERASE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (BILIRUBIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (BILIRUBIN CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE~~ OBSERVATION DATE (BILIRUBIN CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (BILIRUBIN CONCENTRATION) is the date when the PATIENT's bilirubin concentration was measured.

OBSERVATION DATE (BILIRUBIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (BILIRUBIN CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (BLOOD GASES TEST)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (BLOOD GASES TEST) is same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (BLOOD GASES TEST) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (BLOOD GASES TEST) is the date when the PATIENT's blood gases test was taken.

OBSERVATION DATE (BLOOD GASES TEST)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (BLOOD GASES TEST)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (BLOOD PRESSURE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (BLOOD PRESSURE) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (BLOOD PRESSURE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (BLOOD PRESSURE) is the date when the PATIENT's Blood Pressure was measured.

OBSERVATION DATE (BLOOD PRESSURE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (BLOOD PRESSURE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (BLOOD PRESSURE PRE-HAEMODIALYSIS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	

Default Codes:

Notes:
~~OBSERVATION DATE (BLOOD PRESSURE PRE-HAEMODIALYSIS) is the same as attribute PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (BLOOD PRESSURE PRE-HAEMODIALYSIS) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (BLOOD PRESSURE PRE-HAEMODIALYSIS) is the date when the PATIENT's pre-dialysis Blood Pressure was measured.

OBSERVATION DATE (BLOOD PRESSURE PRE-HAEMODIALYSIS)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (BLOOD PRESSURE PRE-HAEMODIALYSIS)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (BLOOD TEST)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (BLOOD TEST) is the same as attribute PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (BLOOD TEST) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (BLOOD TEST) is the date when the PATIENT's blood test was taken.

OBSERVATION DATE (BLOOD TEST)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (BLOOD TEST)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (BLOOD UREA CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE

HES Item:
National Codes:
Default Codes:

Notes:
~~OBSERVATION DATE (BLOOD UREA CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (BLOOD UREA CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (BLOOD UREA CONCENTRATION) is the date when the PATIENT's blood urea concentration was measured.

OBSERVATION DATE (BLOOD UREA CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (BLOOD UREA CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (BMI)

Change to Data Element: Changed linked Attribute, Description

~~Format/length:~~	~~see DATE~~
~~HES item:~~	
Format/Length:	see DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~The PERSON PROPERTY OBSERVED DATE when the Body Mass Index was calculated.~~OBSERVATION DATE (BMI) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (BMI) is the date when the Body Mass Index was calculated.

OBSERVATION DATE (BMI)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (BMI)

Attribute:

ACTIVITY DATE

OBSERVATION DATE (BONE AGE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (BONE AGE)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (BONE AGE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (BONE AGE) is the date when the PATIENT's Bone Age was measured.

OBSERVATION DATE (BONE AGE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (BONE AGE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (CALCULATED CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (CALCULATED CREATININE CLEARANCE)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (CALCULATED CREATININE CLEARANCE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (CALCULATED CREATININE CLEARANCE) is the date when the PATIENT's calculated creatinine clearance was measured.

OBSERVATION DATE (CALCULATED CREATININE CLEARANCE) is required for PATIENTS under 18 years only.

OBSERVATION DATE (CALCULATED CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (CALCULATED CREATININE CLEARANCE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (CHEST X-RAY)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (CHEST X-RAY)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (CHEST X-RAY) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (CHEST X-RAY) is the date when the PATIENT's chest X-ray was taken.

OBSERVATION DATE (CHEST X-RAY)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (CHEST X-RAY)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (COMBINED KTV)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (COMBINED Kt/V)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (COMBINED Kt/V) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (COMBINED Kt/V) is the date when the PATIENT's combined Kt/V was measured.

OBSERVATION DATE (COMBINED KTV)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (COMBINED KtV)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (CORE ANTIBODY)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (CORE ANTIBODY) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (CORE ANTIBODY) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (CORE ANTIBODY) is the date when the PATIENT's core antibody status was measured.

OBSERVATION DATE (CORE ANTIBODY)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (CORE ANTIBODY)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (CYCLOSPORINE A 12 HOUR TROUGH LEVEL)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (CYCLOSPORINE A 12 HOUR TROUGH LEVEL) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (CYCLOSPORINE A 12 HOUR TROUGH LEVEL) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (CYCLOSPORINE A 12 HOUR TROUGH LEVEL) is the date when the recipient's cyclosporine A 12 hour trough level was measured.

OBSERVATION DATE (CYCLOSPORINE A 12 HOUR TROUGH LEVEL)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (CYCLOSPORINE A 12 HOUR TROUGH LEVEL)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (CYCLOSPORINE A 2 HOUR LEVEL C2)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (CYCLOSPORINE A 2 HOUR LEVEL C2) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (CYCLOSPORINE A 2 HOUR LEVEL C2) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (CYCLOSPORINE A 2 HOUR LEVEL C2) is the date when the recipient's cyclosporine A 2 hour level (C2) was measured.

OBSERVATION DATE (CYCLOSPORINE A 2 HOUR LEVEL C2)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (CYCLOSPORINE A 2 HOUR LEVEL C2)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (CYTOMEGALOVIRUS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (CYTOMEGALOVIRUS) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (CYTOMEGALOVIRUS) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (CYTOMEGALOVIRUS) is the date when the PATIENT's Cytomegalovirus status was measured.

OBSERVATION DATE (CYTOMEGALOVIRUS)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (CYTOMEGALOVIRUS)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (CYTOMEGALOVIRUS POLYMERASE CHAIN REACTION VIRAL LOAD)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (CYTOMEGALOVIRUS POLYMERASE CHAIN REACTION VIRAL LOAD) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (CYTOMEGALOVIRUS POLYMERASE CHAIN REACTION VIRAL LOAD) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (CYTOMEGALOVIRUS POLYMERASE CHAIN REACTION VIRAL LOAD) is the date when the PATIENT's Cytomegalovirus Polymerase Chain Reaction viral load was measured.

OBSERVATION DATE (CYTOMEGALOVIRUS POLYMERASE CHAIN REACTION VIRAL LOAD)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (CYTOMEGALOVIRUS POLYMERASE CHAIN REACTION VIRAL LOAD)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (DIALYSATE 24 HOUR CREATININE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (DIALYSATE 24 HOUR CREATININE CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (DIALYSATE 24 HOUR CREATININE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (DIALYSATE 24 HOUR CREATININE CONCENTRATION) is the date when the PATIENT's 24 hour dialysate creatinine concentration was measured.

OBSERVATION DATE (DIALYSATE 24 HOUR CREATININE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (DIALYSATE 24 HOUR CREATININE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (DIALYSATE 24 HOUR PROTEIN LOSS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (DIALYSATE 24 HOUR PROTEIN LOSS) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (DIALYSATE 24 HOUR PROTEIN LOSS) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (DIALYSATE 24 HOUR PROTEIN LOSS) is the date when the PATIENT's 24 hour dialysate protein loss was measured.

OBSERVATION DATE (DIALYSATE 24 HOUR PROTEIN LOSS)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (DIALYSATE 24 HOUR PROTEIN LOSS)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (DIALYSATE 24 HOUR UREA CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (DIALYSATE 24 HOUR UREA CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (DIALYSATE 24 HOUR UREA CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (DIALYSATE 24 HOUR UREA CONCENTRATION) is the date when the PATIENT's 24 hour dialysate urea concentration was measured.

OBSERVATION DATE (DIALYSATE 24 HOUR UREA CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (DIALYSATE 24 HOUR UREA CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (DIALYSATE 24 HOUR VOLUME)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (DIALYSATE 24 HOUR VOLUME) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (DIALYSATE 24 HOUR VOLUME) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (DIALYSATE 24 HOUR VOLUME) is the date when the PATIENT's measured 24 hour dialysate volume was taken.

OBSERVATION DATE (DIALYSATE 24 HOUR VOLUME)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (DIALYSATE 24 HOUR VOLUME)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (DIALYSATE KTV)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (DIALYSATE Kt/V)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (DIALYSATE Kt/V) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (DIALYSATE Kt/V) is the date when the PATIENT's dialysate Kt/V was measured.

OBSERVATION DATE (DIALYSATE KTV)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (DIALYSATE KtV)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (ELECTROCARDIOGRAM)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (ELECTROCARDIOGRAM)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (ELECTROCARDIOGRAM) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (ELECTROCARDIOGRAM) is the date when the PATIENT's Electrocardiogram was taken.

OBSERVATION DATE (ELECTROCARDIOGRAM)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (ELECTROCARDIOGRAM)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (EPSTEIN-BARR VIRUS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (EPSTEIN-BARR VIRUS) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (EPSTEIN-BARR VIRUS) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (EPSTEIN-BARR VIRUS) is the date when the PATIENT's Epstein-Barr virus status was measured.

OBSERVATION DATE (EPSTEIN-BARR VIRUS)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (EPSTEIN-BARR VIRUS)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (ESTIMATED GLOMERULAR FILTRATION RATE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (ESTIMATED GLOMERULAR FILTRATION RATE) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (ESTIMATED GLOMERULAR FILTRATION RATE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (ESTIMATED GLOMERULAR FILTRATION RATE) is the date when the PATIENT's estimated glomerular filtration rate was taken.

OBSERVATION DATE (ESTIMATED GLOMERULAR FILTRATION RATE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (ESTIMATED GLOMERULAR FILTRATION RATE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (EYE EXAMINATION)

Change to Data Element: Changed linked Attribute, Description

~~Format/length:~~	~~see DATE~~
~~HES item:~~	

Format/Length:	see DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~The date when the DIABETES ROUTINE REVIEW (EYE) took place.~~

OBSERVATION DATE (EYE EXAMINATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

~~OBSERVATION DATE (EYE EXAMINATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (EYE EXAMINATION) is the date when the DIABETES ROUTINE REVIEW (EYE) took place.

OBSERVATION DATE (EYE EXAMINATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (EYE EXAMINATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (FOOT EXAMINATION)

Change to Data Element: Changed linked Attribute, Description

~~Format/length:~~	~~see DATE~~
~~HES item:~~	
Format/Length:	see DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~The date when the DIABETES ROUTINE REVIEW (FOOT) took place.~~

OBSERVATION DATE (FOOT EXAMINATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

~~OBSERVATION DATE (FOOT EXAMINATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (FOOT EXAMINATION) is the date when the DIABETES ROUTINE REVIEW (FOOT) took place.

OBSERVATION DATE (FOOT EXAMINATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (FOOT EXAMINATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (FULL BLOOD COUNT TEST)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (FULL BLOOD COUNT TEST) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (FULL BLOOD COUNT TEST) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (FULL BLOOD COUNT TEST) is the date when the PATIENT's full blood count test was taken.

OBSERVATION DATE (FULL BLOOD COUNT TEST)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (FULL BLOOD COUNT TEST)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (GAMMA GLUTAMYL TRANSFERASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (GAMMA GLUTAMYL TRANSFERASE CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (GAMMA GLUTAMYL TRANSFERASE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (GAMMA GLUTAMYL TRANSFERASE CONCENTRATION) is the date when the PATIENT's gamma glutamyl transferase concentration was measured.

OBSERVATION DATE (GAMMA GLUTAMYL TRANSFERASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (GAMMA GLUTAMYL TRANSFERASE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (GRAFT CLINICAL ASSESSMENT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (GRAFT CLINICAL ASSESSMENT) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~ OBSERVATION DATE (GRAFT CLINICAL ASSESSMENT) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (GRAFT CLINICAL ASSESSMENT) is the date of the clinical assessment of the functioning graft.

OBSERVATION DATE (GRAFT CLINICAL ASSESSMENT)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (GRAFT CLINICAL ASSESSMENT)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (HAEMOGLOBIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HAEMOGLOBIN CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~ OBSERVATION DATE (HAEMOGLOBIN CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HAEMOGLOBIN CONCENTRATION) is the date when the PATIENT's haemoglobin concentration level was measured.

OBSERVATION DATE (HAEMOGLOBIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HAEMOGLOBIN CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HBA1C LEVEL)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HbA1c LEVEL) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (HbA1c LEVEL) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HbA1c LEVEL) is the date when the HbA1c level was taken.

OBSERVATION DATE (HBA1C LEVEL)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HbA1c LEVEL)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HEAD CIRCUMFERENCE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HEAD CIRCUMFERENCE) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (HEAD CIRCUMFERENCE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HEAD CIRCUMFERENCE) is the date when the PATIENT's Head Circumference was measured.

OBSERVATION DATE (HEAD CIRCUMFERENCE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HEAD CIRCUMFERENCE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HEIGHT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HEIGHT) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (HEIGHT) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HEIGHT) is the date when the PATIENT's Height was measured.

OBSERVATION DATE (HEIGHT)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HEIGHT)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HEPATITIS B ANTIBODY)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HEPATITIS B ANTIBODY) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (HEPATITIS B ANTIBODY) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HEPATITIS B ANTIBODY) is the date when the PATIENT's Hepatitis B surface antibody status was measured.

OBSERVATION DATE (HEPATITIS B ANTIBODY)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HEPATITIS B ANTIBODY)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HEPATITIS B ANTIGEN)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HEPATITIS B ANTIGEN) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (HEPATITIS B ANTIGEN) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HEPATITIS B ANTIGEN) is the date when the PATIENT's Hepatitis B surface antigen status was measured.

OBSERVATION DATE (HEPATITIS B ANTIGEN)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HEPATITIS B ANTIGEN)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HEPATITIS B E ANTIBODY)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HEPATITIS B E ANTIBODY) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (HEPATITIS B E ANTIBODY) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HEPATITIS B E ANTIBODY) is the date when the PATIENT's Hepatitis B E surface antibody status was measured.

OBSERVATION DATE (HEPATITIS B E ANTIBODY)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HEPATITIS B E ANTIBODY)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HEPATITIS C ANTIBODY)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HEPATITIS C ANTIBODY) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (HEPATITIS C ANTIBODY) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HEPATITIS C ANTIBODY) is the date when the PATIENT's Hepatitis C surface antibody status was measured.

OBSERVATION DATE (HEPATITIS C ANTIBODY)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HEPATITIS C ANTIBODY)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HIGH DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HIGH DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (HIGH DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HIGH DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION) is the date when the PATIENT's high density lipoprotein cholesterol concentration was measured.

OBSERVATION DATE (HIGH DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HIGH DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HUMAN IMMUNODEFICIENCY VIRUS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HUMAN IMMUNODEFICIENCY VIRUS) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (HUMAN IMMUNODEFICIENCY VIRUS) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HUMAN IMMUNODEFICIENCY VIRUS) is the date when the PATIENT's human immunodeficiency virus status was measured.

OBSERVATION DATE (HUMAN IMMUNODEFICIENCY VIRUS)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HUMAN IMMUNODEFICIENCY VIRUS)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (HYPOCHROMIC RED CELLS PERCENTAGE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (HYPOCHROMIC RED CELLS PERCENTAGE)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (HYPOCHROMIC RED CELLS PERCENTAGE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (HYPOCHROMIC RED CELLS PERCENTAGE) is the date when the PATIENT's hypochromic red cells percentage was measured.

OBSERVATION DATE (HYPOCHROMIC RED CELLS PERCENTAGE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (HYPOCHROMIC RED CELLS PERCENTAGE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (LACTATE DEHYDROGENASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (LACTATE DEHYDROGENASE CONCENTRATION)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (LACTATE DEHYDROGENASE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (LACTATE DEHYDROGENASE CONCENTRATION) is the date when the PATIENT's lactate dehydrogenase concentration was measured.

OBSERVATION DATE (LACTATE DEHYDROGENASE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (LACTATE DEHYDROGENASE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (LOW DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	

Default Codes:

Notes:
~~OBSERVATION DATE (LOW DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (LOW DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (LOW DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION) is the date when the PATIENT's low density lipoprotein cholesterol concentration was measured.

OBSERVATION DATE (LOW DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (LOW DENSITY LIPOPROTEIN CHOLESTEROL CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (MEASURED 24 HOUR CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (MEASURED 24 HOUR CREATININE CLEARANCE)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (MEASURED 24 HOUR CREATININE CLEARANCE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (MEASURED 24 HOUR CREATININE CLEARANCE) is the date when the PATIENT's measured 24 hour creatinine clearance was measured.

OBSERVATION DATE (MEASURED 24 HOUR CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (MEASURED 24 HOUR CREATININE CLEARANCE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (MEASURED CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (MEASURED CREATININE CLEARANCE) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (MEASURED CREATININE CLEARANCE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (MEASURED CREATININE CLEARANCE) is the date when the PATIENT's measured creatinine clearance was taken.

OBSERVATION DATE (MEASURED CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (MEASURED CREATININE CLEARANCE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (MEASURED GLOMERULAR FILTRATION RATE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (MEASURED GLOMERULAR FILTRATION RATE) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (MEASURED GLOMERULAR FILTRATION RATE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (MEASURED GLOMERULAR FILTRATION RATE) is the date when the PATIENT's measured glomerular filtration rate was taken.

OBSERVATION DATE (MEASURED GLOMERULAR FILTRATION RATE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (MEASURED GLOMERULAR FILTRATION RATE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (MYCOPHENOLIC ACID TROUGH LEVEL)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (MYCOPHENOLIC ACID TROUGH LEVEL) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (MYCOPHENOLIC ACID TROUGH LEVEL) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (MYCOPHENOLIC ACID TROUGH LEVEL) is the date when the recipient's mycophenolic acid trough level was measured.

OBSERVATION DATE (MYCOPHENOLIC ACID TROUGH LEVEL)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (MYCOPHENOLIC ACID TROUGH LEVEL)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (NET DAILY ULTRAFILTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (NET DAILY ULTRAFILTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (NET DAILY ULTRAFILTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (NET DAILY ULTRAFILTRATION) is the date when the PATIENT's net daily ultrafiltration was measured.

OBSERVATION DATE (NET DAILY ULTRAFILTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (NET DAILY ULTRAFILTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (NORMALISED PROTEIN CATABOLIC RATE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (NORMALISED PROTEIN CATABOLIC RATE) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (NORMALISED PROTEIN CATABOLIC RATE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (NORMALISED PROTEIN CATABOLIC RATE) is the date when the PATIENT's normalised protein catabolic rate was measured.

OBSERVATION DATE (NORMALISED PROTEIN CATABOLIC RATE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (NORMALISED PROTEIN CATABOLIC RATE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE) is the date when the PATIENT's weekly peritoneal dialysis normalised creatinine clearance was measured.

OBSERVATION DATE (NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (NORMALISED WEEKLY PERITONEAL CREATININE CLEARANCE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~ OBSERVATION DATE (PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME) is the date when the PATIENT's total weekly fluid volume on peritoneal dialysis was measured.

OBSERVATION DATE (PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (PERITONEAL EQUILIBRATION TEST)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (PERITONEAL EQUILIBRATION TEST) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~ OBSERVATION DATE (PERITONEAL EQUILIBRATION TEST) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (PERITONEAL EQUILIBRATION TEST) is the date of the Peritoneal Equilibration Test.

OBSERVATION DATE (PERITONEAL EQUILIBRATION TEST)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (PERITONEAL EQUILIBRATION TEST)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (PHOSPHATE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (PHOSPHATE CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (PHOSPHATE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (PHOSPHATE CONCENTRATION) is the date when the PATIENT's phosphate concentration was measured.

OBSERVATION DATE (PHOSPHATE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (PHOSPHATE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (PLATELETS COUNT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (PLATELETS COUNT) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (PLATELETS COUNT) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (PLATELETS COUNT) is the date when the PATIENT's platelets count was measured.

OBSERVATION DATE (PLATELETS COUNT)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (PLATELETS COUNT)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (PROTEIN CREATININE RATIO)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (PROTEIN CREATININE RATIO) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (PROTEIN CREATININE RATIO) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (PROTEIN CREATININE RATIO) is the date when the recipient's protein:creatinine ratio was measured.

OBSERVATION DATE (PROTEIN CREATININE RATIO)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (PROTEIN CREATININE RATIO)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (RED CELL FOLATE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (RED CELL FOLATE CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (RED CELL FOLATE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (RED CELL FOLATE CONCENTRATION) is the date when the PATIENT's red cell folate concentration was measured.

OBSERVATION DATE (RED CELL FOLATE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (RED CELL FOLATE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (RESIDUAL RENAL CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (RESIDUAL RENAL CREATININE CLEARANCE) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (RESIDUAL RENAL CREATININE CLEARANCE) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (RESIDUAL RENAL CREATININE CLEARANCE) is the date when the PATIENT's weekly urinary creatinine clearance was measured.

OBSERVATION DATE (RESIDUAL RENAL CREATININE CLEARANCE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (RESIDUAL RENAL CREATININE CLEARANCE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (RESIDUAL URINE OUTPUT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (RESIDUAL URINE OUTPUT) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (RESIDUAL URINE OUTPUT) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (RESIDUAL URINE OUTPUT) is the date when the PATIENT's residual urine output was measured.

OBSERVATION DATE (RESIDUAL URINE OUTPUT)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (RESIDUAL URINE OUTPUT)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM ALBUMIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (SERUM ALBUMIN CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~ OBSERVATION DATE (SERUM ALBUMIN CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM ALBUMIN CONCENTRATION) is the date when the PATIENT's serum albumin concentration was measured.

OBSERVATION DATE (SERUM ALBUMIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM ALBUMIN CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM ALUMINIUM CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (SERUM ALUMINIUM CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~ OBSERVATION DATE (SERUM ALUMINIUM CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM ALUMINIUM CONCENTRATION) is the date when the PATIENT's serum aluminium concentration was measured.

OBSERVATION DATE (SERUM ALUMINIUM CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM ALUMINIUM CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM B12 CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (SERUM B12 CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (SERUM B12 CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM B12 CONCENTRATION) is the date when the PATIENT's serum B12 concentration was measured.

OBSERVATION DATE (SERUM B12 CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM B12 CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM BICARBONATE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (SERUM BICARBONATE CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (SERUM BICARBONATE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM BICARBONATE CONCENTRATION) is the date when the PATIENT's serum bicarbonate concentration was measured.

OBSERVATION DATE (SERUM BICARBONATE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM BICARBONATE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM CALCIUM CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (SERUM CALCIUM CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (SERUM CALCIUM CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM CALCIUM CONCENTRATION) is the date when the PATIENT's serum calcium concentration was measured.

OBSERVATION DATE (SERUM CALCIUM CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM CALCIUM CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM CHOLESTEROL LEVEL)

Change to Data Element: Changed linked Attribute, Description

~~Format/length:~~	~~see DATE~~
~~HES item:~~	
Format/Length:	see DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~The PERSON PROPERTY OBSERVED DATE for the MEASURED PERSON OBSERVATION of the type 'Serum Cholesterol Level'.~~OBSERVATION DATE (SERUM CHOLESTEROL LEVEL) is the is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM CHOLESTEROL LEVEL) is the date when the Serum Cholesterol Level was measured.

OBSERVATION DATE (SERUM CHOLESTEROL LEVEL)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM CHOLESTEROL LEVEL)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM C-REACTIVE PROTEIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (SERUM C-REACTIVE PROTEIN CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (SERUM C-REACTIVE PROTEIN CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM C-REACTIVE PROTEIN CONCENTRATION) is the date when the PATIENT's serum C-reactive protein concentration was measured.

OBSERVATION DATE (SERUM C-REACTIVE PROTEIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM C-REACTIVE PROTEIN CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM CREATININE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE

HES Item:
National Codes:
Default Codes:

Notes:
~~OBSERVATION DATE (SERUM CREATININE CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (SERUM CREATININE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM CREATININE CONCENTRATION) is the date when the PATIENT's serum creatinine concentration was measured.

OBSERVATION DATE (SERUM CREATININE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM CREATININE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (SERUM CREATININE KTV)

Change to Data Element: Changed linked Attribute, Description

Format/Length: See DATE
HES Item:
National Codes:
Default Codes:

Notes:
~~OBSERVATION DATE (SERUM CREATININE Kt/V) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (SERUM CREATININE Kt/V) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM CREATININE Kt/V) is the date when the PATIENT's serum creatinine Kt/V was measured.

OBSERVATION DATE (SERUM CREATININE KTV)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM CREATININE KtV)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (SERUM CREATININE LEVEL)

Change to Data Element: Changed linked Attribute, Description

~~Format/length:~~	~~see DATE~~
Format/Length:	see DATE
HES item:	
National Codes:	
Default Codes:	

Notes:

~~The PERSON PROPERTY OBSERVED DATE for the MEASURED PERSON OBSERVATION of the type 'Serum Creatinine Level'.~~OBSERVATION DATE (SERUM CREATININE LEVEL) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM CREATININE LEVEL) is the date when the Serum Creatinine Level was measured.

OBSERVATION DATE (SERUM CREATININE LEVEL)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM CREATININE LEVEL)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM FERRITIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (SERUM FERRITIN CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (SERUM FERRITIN CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM FERRITIN CONCENTRATION) is the date when the PATIENT's serum ferritin concentration was measured.

OBSERVATION DATE (SERUM FERRITIN CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM FERRITIN CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM INTACT PARATHYROID HORMONE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (SERUM INTACT PARATHYROID HORMONE CONCENTRATION)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (SERUM INTACT PARATHYROID HORMONE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM INTACT PARATHYROID HORMONE CONCENTRATION) is the date when the PATIENT's serum intact parathyroid hormone concentration was measured.

OBSERVATION DATE (SERUM INTACT PARATHYROID HORMONE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM INTACT PARATHYROID HORMONE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SERUM MAGNESIUM CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (SERUM MAGNESIUM CONCENTRATION)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (SERUM MAGNESIUM CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM MAGNESIUM CONCENTRATION) is the date when the PATIENT's serum magnesium concentration was measured.

OBSERVATION DATE (SERUM MAGNESIUM CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM MAGNESIUM CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (SERUM POTASSIUM CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (SERUM POTASSIUM CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (SERUM POTASSIUM CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SERUM POTASSIUM CONCENTRATION) is the date when the PATIENT's serum potassium concentration was measured.

OBSERVATION DATE (SERUM POTASSIUM CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SERUM POTASSIUM CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (SIROLIMUS TROUGH LEVEL)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (SIROLIMUS TROUGH LEVEL) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (SIROLIMUS TROUGH LEVEL) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (SIROLIMUS TROUGH LEVEL) is the date when the recipient's sirolimus trough level was measured.

OBSERVATION DATE (SIROLIMUS TROUGH LEVEL)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (SIROLIMUS TROUGH LEVEL)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (SODIUM CONCENTRATION)

Change to Data Element: Changed linked Attribute

OBSERVATION DATE (SODIUM CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (TACROLIMUS 12 HOUR TROUGH LEVEL)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (TACROLIMUS 12 HOUR TROUGH LEVEL) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~ OBSERVATION DATE (TACROLIMUS 12 HOUR TROUGH LEVEL) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (TACROLIMUS 12 HOUR TROUGH LEVEL) is the date when the recipient's tacrolimus 12 hour trough level was measured.

OBSERVATION DATE (TACROLIMUS 12 HOUR TROUGH LEVEL)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (TACROLIMUS 12 HOUR TROUGH LEVEL)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (TISSUE TYPING DONOR)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (TISSUE TYPING DONOR) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (TISSUE TYPING DONOR) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (TISSUE TYPING DONOR) is the date when the deceased ORGAN OR TISSUE DONOR's tissue typing (Human Leukocyte Antigen (HLA) report) was taken.

OBSERVATION DATE (TISSUE TYPING DONOR)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (TISSUE TYPING DONOR)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (TISSUE TYPING RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (TISSUE TYPING RECIPIENT) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (TISSUE TYPING RECIPIENT) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (TISSUE TYPING RECIPIENT) is the date when the recipient's tissue typing (Human Leukocyte Antigen (HLA) report) was taken.

OBSERVATION DATE (TISSUE TYPING RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (TISSUE TYPING RECIPIENT)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (TOTAL CHOLESTEROL CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	

Default Codes:

Notes:
~~OBSERVATION DATE (TOTAL CHOLESTEROL CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (TOTAL CHOLESTEROL CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (TOTAL CHOLESTEROL CONCENTRATION) is the date when the PATIENT's total cholesterol concentration was measured.

OBSERVATION DATE (TOTAL CHOLESTEROL CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (TOTAL CHOLESTEROL CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (TRANSFERRIN SATURATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (TRANSFERRIN SATURATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (TRANSFERRIN SATURATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (TRANSFERRIN SATURATION) is the date when the PATIENT's transferrin saturation was measured.

OBSERVATION DATE (TRANSFERRIN SATURATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (TRANSFERRIN SATURATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (TRIGLYCERIDES CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (TRIGLYCERIDES CONCENTRATION)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (TRIGLYCERIDES CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (TRIGLYCERIDES CONCENTRATION) is the date when the PATIENT's triglycerides concentration was measured.

OBSERVATION DATE (TRIGLYCERIDES CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (TRIGLYCERIDES CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (URIC ACID CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (URIC ACID CONCENTRATION)~~ ~~is the same as attribute~~ ~~PERSON PROPERTY OBSERVED DATE~~.OBSERVATION DATE (URIC ACID CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (URIC ACID CONCENTRATION) is the date when the PATIENT's uric acid concentration was measured.

OBSERVATION DATE (URIC ACID CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (URIC ACID CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (URINARY ALBUMIN LEVEL)

Change to Data Element: Changed linked Attribute, Description

~~Format/length:~~	~~see DATE~~
~~HES item:~~	
Format/Length:	see DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~The PERSON PROPERTY OBSERVED DATE for the MEASURED PERSON OBSERVATION of the type 'Urinary Albumin Level'~~ .OBSERVATION DATE (URINARY ALBUMIN LEVEL) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (URINARY ALBUMIN LEVEL) is the date when the Urinary Albumin Level was taken.

OBSERVATION DATE (URINARY ALBUMIN LEVEL)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (URINARY ALBUMIN LEVEL)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (URINE CREATININE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (URINE CREATININE CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE~~ .OBSERVATION DATE (URINE CREATININE CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (URINE CREATININE CONCENTRATION) is the date when the PATIENT's urine creatinine concentration was measured.

OBSERVATION DATE (URINE CREATININE CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (URINE CREATININE CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (URINE DIPSTICK TEST BLOOD)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (URINE DIPSTICK TEST BLOOD) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (URINE DIPSTICK TEST BLOOD) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (URINE DIPSTICK TEST BLOOD) is the date when the PERSON's urine dipstick test for blood was taken.

OBSERVATION DATE (URINE DIPSTICK TEST BLOOD)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (URINE DIPSTICK TEST BLOOD)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (URINE DIPSTICK TEST PROTEIN)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (URINE DIPSTICK TEST PROTEIN) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (URINE DIPSTICK TEST PROTEIN) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (URINE DIPSTICK TEST PROTEIN) is the date when the PATIENT's urine dipstick test for protein was taken.

OBSERVATION DATE (URINE DIPSTICK TEST PROTEIN)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (URINE DIPSTICK TEST PROTEIN)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (URINE KTV)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (URINE Kt/V) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (URINE Kt/V) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (URINE Kt/V) is the date when the PATIENT's urine kt/v was measured.

OBSERVATION DATE (URINE KTV)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (URINE KtV)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (URINE UREA CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE (URINE UREA CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (URINE UREA CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (URINE UREA CONCENTRATION) is the date when the PATIENT's urine urea concentration was measured.

OBSERVATION DATE (URINE UREA CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (URINE UREA CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (URINE VOLUME)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (URINE VOLUME) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~ OBSERVATION DATE (URINE VOLUME) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (URINE VOLUME) is the date when the PATIENT's urine volume was measured.

OBSERVATION DATE (URINE VOLUME)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (URINE VOLUME)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (VARICELLA-ZOSTER)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (VARICELLA-ZOSTER) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~ OBSERVATION DATE (VARICELLA-ZOSTER) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (VARICELLA-ZOSTER) is the date when the PERSON's Varicella-Zoster virus status was measured.

OBSERVATION DATE (VARICELLA-ZOSTER)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (VARICELLA-ZOSTER)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (VITAMIN D CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (VITAMIN D CONCENTRATION) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (VITAMIN D CONCENTRATION) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (VITAMIN D CONCENTRATION) is the date when the PATIENT's vitamin D concentration was measured.

OBSERVATION DATE (VITAMIN D CONCENTRATION)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (VITAMIN D CONCENTRATION)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (WAIST MEASUREMENT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (WAIST MEASUREMENT) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (WAIST MEASUREMENT) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (WAIST MEASUREMENT) is the date when the PATIENT's Waist Measurement was taken.

OBSERVATION DATE (WAIST MEASUREMENT)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (WAIST MEASUREMENT)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (WEIGHT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (WEIGHT) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (WEIGHT) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (WEIGHT) is the date when the PATIENT's Weight was measured.

OBSERVATION DATE (WEIGHT)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (WEIGHT)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE (WHITE BLOOD CELL COUNT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (WHITE BLOOD CELL COUNT) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (WHITE BLOOD CELL COUNT) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (WHITE BLOOD CELL COUNT) is the date when the PATIENT's white blood cell count was taken.

OBSERVATION DATE (WHITE BLOOD CELL COUNT)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (WHITE BLOOD CELL COUNT)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (WHOLE BLOOD MEAN CELL VOLUME)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (WHOLE BLOOD MEAN CELL VOLUME) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (WHOLE BLOOD MEAN CELL VOLUME) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (WHOLE BLOOD MEAN CELL VOLUME) is the date when the PATIENT's whole blood mean cell volume (MCV) was measured.

OBSERVATION DATE (WHOLE BLOOD MEAN CELL VOLUME)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (WHOLE BLOOD MEAN CELL VOLUME)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

ACTIVITY DATE

OBSERVATION DATE (WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE (WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN) is the same as attribute PERSON PROPERTY OBSERVED DATE.~~OBSERVATION DATE (WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN) is the same as attribute ACTIVITY DATE where the ACTIVITY DATE TYPE is National Code *'Clinical Intervention Date'*.

OBSERVATION DATE (WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN) is the date when the PATIENT's whole blood mean corpuscular haemoglobin (MCH) was measured.

OBSERVATION DATE (WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE (WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
ACTIVITY DATE

OBSERVATION DATE AND TIME (BLOOD PRESSURE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE AND TIME (BLOOD PRESSURE) is the same as data element PERSON OBSERVATION DATE AND TIME of the PERSON's Blood Pressure.~~OBSERVATION DATE AND TIME (BLOOD PRESSURE) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code *'Clinical Intervention Date and Time'*. OBSERVATION DATE AND TIME (BLOOD PRESSURE) is the date and time when the PERSON's Blood Pressure was measured.

OBSERVATION DATE AND TIME (BLOOD PRESSURE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (BLOOD PRESSURE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

OBSERVATION DATE AND TIME (BLOOD PRESSURE AVERAGED)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE AND TIME (BLOOD PRESSURE AVERAGED) is the same as data element PERSON OBSERVATION DATE AND TIME of the PERSON's average Blood Pressure.~~OBSERVATION DATE AND TIME (BLOOD PRESSURE AVERAGED) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code *'Clinical Intervention Date and Time'*.

OBSERVATION DATE AND TIME (BLOOD PRESSURE AVERAGED) is the date and time when the PERSON's average

Blood Pressure was measured.

OBSERVATION DATE AND TIME (BLOOD PRESSURE AVERAGED)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (BLOOD PRESSURE AVERAGED)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

OBSERVATION DATE AND TIME (BLOOD PRESSURE HIGHEST)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE AND TIME (BLOOD PRESSURE HIGHEST) is the same as data element PERSON OBSERVATION DATE AND TIME of the PERSON's highest Blood Pressure.~~OBSERVATION DATE AND TIME (BLOOD PRESSURE HIGHEST) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code *'Clinical Intervention Date and Time'*. OBSERVATION DATE AND TIME (BLOOD PRESSURE HIGHEST) is the date and time when the PERSON's highest Blood Pressure was measured.

OBSERVATION DATE AND TIME (BLOOD PRESSURE HIGHEST)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (BLOOD PRESSURE HIGHEST)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

OBSERVATION DATE AND TIME (BLOOD PRESSURE LOWEST)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE AND TIME (BLOOD PRESSURE LOWEST) is the same as data element PERSON OBSERVATION DATE AND TIME of the PERSON's lowest Blood Pressure.~~OBSERVATION DATE AND TIME (BLOOD PRESSURE LOWEST) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code *'Clinical Intervention Date and Time'*. OBSERVATION DATE AND TIME (BLOOD PRESSURE LOWEST) is the date and time when the PERSON's lowest Blood Pressure was measured.

OBSERVATION DATE AND TIME (BLOOD PRESSURE LOWEST)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (BLOOD PRESSURE LOWEST)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

OBSERVATION DATE AND TIME (FIRST BRAINSTEM DEATH TEST)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE AND TIME (FIRST BRAINSTEM DEATH TEST) is the same as data element PERSON OBSERVATION DATE AND TIME of the first brainstem death test.~~OBSERVATION DATE AND TIME (FIRST BRAINSTEM DEATH TEST) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code *'Clinical Intervention Date and Time'*. OBSERVATION DATE AND TIME (FIRST BRAINSTEM DEATH TEST) is the date and time of the first brainstem death test.

OBSERVATION DATE AND TIME (FIRST BRAINSTEM DEATH TEST)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (FIRST BRAINSTEM DEATH TEST)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

OBSERVATION DATE AND TIME (HEART RATE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE AND TIME (HEART RATE) is the same as data element PERSON OBSERVATION DATE AND TIME of the PERSON's Heart Rate.~~OBSERVATION DATE AND TIME (HEART RATE) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code *'Clinical Intervention Date and Time'*. OBSERVATION DATE AND TIME (HEART RATE) is the date and time when the PERSON's Heart Rate was measured.

OBSERVATION DATE AND TIME (HEART RATE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (HEART RATE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

OBSERVATION DATE AND TIME (ISOTOPIC GLOMERULAR FILTRATION RATE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE AND TIME (ISOTOPIC GLOMERULAR FILTRATION RATE) is the same as data element PERSON OBSERVATION DATE AND TIME of the PERSON's isotropic glomerular filtration rate.~~OBSERVATION DATE AND TIME (ISOTOPIC GLOMERULAR FILTRATION RATE) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code *'Clinical Intervention Date and Time'*. OBSERVATION DATE AND TIME (ISOTOPIC GLOMERULAR FILTRATION RATE) is the date and time when the PERSON's isotropic glomerular filtration rate was measured

OBSERVATION DATE AND TIME (ISOTOPIC GLOMERULAR FILTRATION RATE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (ISOTOPIC GLOMERULAR FILTRATION RATE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~

~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

OBSERVATION DATE AND TIME (SECOND BRAINSTEM DEATH TEST)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE AND TIME (SECOND BRAINSTEM DEATH TEST) is the same as data element PERSON OBSERVATION DATE AND TIME of the second brainstem death test.~~OBSERVATION DATE AND TIME (SECOND BRAINSTEM DEATH TEST) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code *'Clinical Intervention Date and Time'*. OBSERVATION DATE AND TIME (SECOND BRAINSTEM DEATH TEST) is the date and time of the second brainstem death test.

OBSERVATION DATE AND TIME (SECOND BRAINSTEM DEATH TEST)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (SECOND BRAINSTEM DEATH TEST)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

OBSERVATION DATE AND TIME (TEMPERATURE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~OBSERVATION DATE AND TIME (TEMPERATURE) is the same as data element PERSON OBSERVATION DATE AND TIME of the PERSON's Temperature.~~OBSERVATION DATE AND TIME (TEMPERATURE) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code *'Clinical Intervention Date and Time'*. OBSERVATION DATE AND TIME (TEMPERATURE) is the date and time when the PERSON's Temperature was taken.

OBSERVATION DATE AND TIME (TEMPERATURE)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (TEMPERATURE)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

OBSERVATION DATE AND TIME (URINE OUTPUT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	See DATE AND TIME
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~OBSERVATION DATE AND TIME (URINE OUTPUT) is the same as data element PERSON OBSERVATION DATE AND TIME of the PERSON's urine output.~~OBSERVATION DATE AND TIME (URINE OUTPUT) is the same as attribute ACTIVITY DATE and ACTIVITY TIME where the ACTIVITY DATE AND TIME TYPE is National Code '*Clinical Intervention Date and Time*' OBSERVATION DATE AND TIME (URINE OUTPUT) is the date and time when the PERSON's urine output was measured.

OBSERVATION DATE AND TIME (URINE OUTPUT)

Change to Data Element: Changed linked Attribute, Description

OBSERVATION DATE AND TIME (URINE OUTPUT)

Attribute:

~~PERSON PROPERTY OBSERVED DATE~~
~~PERSON PROPERTY OBSERVED TIME~~
ACTIVITY DATE
ACTIVITY TIME

PARTIAL PRESSURE CARBON DIOXIDE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~PARTIAL PRESSURE CARBON DIOXIDE is the result of the Clinical Investigation which measures the PERSON's partial pressure carbon dioxide (PCO_2) level in '*KPa*'.~~PARTIAL PRESSURE CARBON DIOXIDE is the result of the Clinical Investigation which measures the PERSON's partial pressure carbon dioxide (PCO_2) level, where the UNIT OF MEASUREMENT is '*Kilopascals (KPa)*'.

PARTIAL PRESSURE CARBON DIOXIDE

Change to Data Element: Changed linked Attribute, Description

PARTIAL PRESSURE CARBON DIOXIDE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PARTIAL PRESSURE OXYGEN

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~PARTIAL PRESSURE OXYGEN is the result of the Clinical Investigation which measures the PERSON's partial pressure oxygen (PO_2) level in '*KPa*'.~~PARTIAL PRESSURE OXYGEN is the result of the Clinical Investigation which measures the PERSON's partial pressure oxygen (PO_2) level, where the UNIT OF MEASUREMENT is '*Kilopascals (KPa)*'.

PARTIAL PRESSURE OXYGEN

Change to Data Element: Changed linked Attribute, Description

PARTIAL PRESSURE OXYGEN

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERCENTAGE WEIGHT LOSS

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~PERCENTAGE WEIGHT LOSS is a PATIENT's Percentage Weight Loss, where the MEASUREMENT VALUE TYPE CODE is *'Percentage'*.~~PERCENTAGE WEIGHT LOSS is the result of the Clinical Investigation which measures the PATIENT's Percentage Weight Loss, where the UNIT OF MEASUREMENT is *'Percentage (%)'*.

~~In a Nutritional Assessment for a renal PATIENT this would be measured over a 3 month period.~~For the National Renal Data Set, during a Nutritional Assessment for a renal PATIENT, PERCENTAGE WEIGHT LOSS is measured over a 3 month period.

PERCENTAGE WEIGHT LOSS

Change to Data Element: Changed linked Attribute, Description

PERCENTAGE WEIGHT LOSS

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME is the result of the Clinical Investigation which measures the PATIENT's peritoneal dialysis total fluid volume per week in *'Litres (l)'*.~~PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME is the result of the Clinical Investigation which measures the PATIENT's peritoneal dialysis total fluid volume per week, where the UNIT OF MEASUREMENT is *'Litres (l)'*.

PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME

Change to Data Element: Changed linked Attribute, Description

PERITONEAL DIALYSIS TOTAL WEEKLY FLUID VOLUME

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON HEIGHT IN CENTIMETRES

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~PERSON HEIGHT IN CENTIMETRES is the Height of the PATIENT, where the MEASUREMENT VALUE TYPE CODE is *'Centimetres (cm)'*.~~PERSON HEIGHT IN CENTIMETRES is the result of the Clinical Investigation which measures the PATIENT's Height, where the UNIT OF MEASUREMENT is *'Centimetres (cm)'*.

PERSON HEIGHT IN CENTIMETRES

Change to Data Element: Changed linked Attribute, Description

PERSON HEIGHT IN CENTIMETRES

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON HEIGHT IN METRES

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n1.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PERSON HEIGHT IN METRES is the Height of the PATIENT, where the MEASUREMENT VALUE TYPE CODE is *'Metres (m)'*.~~PERSON HEIGHT IN METRES is the result of the Clinical Investigation which measures the PATIENT's Height, where the UNIT OF MEASUREMENT is *'Metres (m)'*.

For the Systemic Anti-Cancer Therapy Data Set, PERSON HEIGHT IN METRES is the Height at the start of the Systemic Anti-Cancer Drug Regimen.

PERSON HEIGHT IN METRES

Change to Data Element: Changed linked Attribute, Description

PERSON HEIGHT IN METRES

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON OBSERVATION (HBA1C LEVEL)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PERSON OBSERVATION (HbA1c LEVEL) is the Glycated Hemoglobin (HbA1c) of a PATIENT, where the MEASUREMENT VALUE TYPE CODE is *'Millimoles per litre (mmol/L)'*.~~PERSON OBSERVATION (HbA1c LEVEL) is the result of the Clinical Investigation which measures the PATIENT's Glycated Hemoglobin (HbA1c), where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

PERSON OBSERVATION (HBA1C LEVEL)

Change to Data Element: Changed linked Attribute, Description

PERSON OBSERVATION (HbA1c LEVEL)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON OBSERVATION (SERUM CHOLESTEROL LEVEL)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n3
HES Item:	
National Codes:	

Default Codes:

Notes:
~~PERSON OBSERVATION (SERUM CHOLESTEROL LEVEL) is the Serum Cholesterol Level of a PATIENT, where the MEASUREMENT VALUE TYPE CODE is *'Millimoles per litre (mmol/L)'*.~~PERSON OBSERVATION (SERUM CHOLESTEROL LEVEL) is the result of the Clinical Investigation which measures the PATIENT's Serum Cholesterol Level, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

PERSON OBSERVATION (SERUM CHOLESTEROL LEVEL)

Change to Data Element: Changed linked Attribute, Description

PERSON OBSERVATION (SERUM CHOLESTEROL LEVEL)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON OBSERVATION (SERUM CREATININE LEVEL)

Change to Data Element: Changed linked Attribute, Description

Format/Length: n4
HES Item:
National Codes:
Default Codes:

Notes:
~~PERSON OBSERVATION (SERUM CREATININE LEVEL) is the Serum Creatinine Level of a PATIENT using laboratory assay, where the MEASUREMENT VALUE TYPE CODE is *'Micromoles per litre (µmol/L)'*.~~PERSON OBSERVATION (SERUM CREATININE LEVEL) is the result of the Clinical Investigation which measures the PATIENT's Serum Creatinine Level, using laboratory assay, where the UNIT OF MEASUREMENT is *'Micromoles per litre (µmol/L)'*.

PERSON OBSERVATION (SERUM CREATININE LEVEL)

Change to Data Element: Changed linked Attribute, Description

PERSON OBSERVATION (SERUM CREATININE LEVEL)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON OBSERVATION (URINARY ALBUMIN LEVEL)

Change to Data Element: Changed linked Attribute, Description

Format/Length: n3
HES Item:
National Codes:
Default Codes:

Notes:
~~PERSON OBSERVATION (URINARY ALBUMIN LEVEL) is the result of the Urinary Albumin Level test.~~PERSON OBSERVATION (URINARY ALBUMIN LEVEL) is the result of the Clinical Investigation which measures the PATIENT's Urinary Albumin Level test.

For the Diabetes Data Set (Summary Core), PERSON OBSERVATION (URINARY ALBUMIN LEVEL) must be accompanied by a recorded URINARY ALBUMIN LEVEL TESTING METHOD.

PERSON OBSERVATION (URINARY ALBUMIN LEVEL)

Change to Data Element: Changed linked Attribute, Description

PERSON OBSERVATION (URINARY ALBUMIN LEVEL)
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON WEIGHT

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PERSON WEIGHT is the Weight of the PATIENT, where the MEASUREMENT VALUE TYPE CODE is *'Kilograms (kg)'*.~~PERSON WEIGHT is the result of the Clinical Investigation which measures the PATIENT's Weight, where the UNIT OF MEASUREMENT is '*Kilograms (kg)*'.

Notes:

- For the **Commissioning Data Sets**, PERSON WEIGHT must be padded to match the Format/Length pattern of n3.n3, for example 001.100 is a valid entry (1.1 is invalid)
- For **Neonatal Critical Care Minimum Data Set**, PERSON WEIGHT will be the last recorded Weight on a particular ACTIVITY DATE (CRITICAL CARE)
- For the **Systemic Anti-Cancer Therapy Data Set**, PERSON WEIGHT is recorded at the start of the:
  - Systemic Anti-Cancer Drug Regimen and
  - Systemic Anti-Cancer Drug Cycle.

PERSON WEIGHT

Change to Data Element: Changed linked Attribute, Description

PERSON WEIGHT
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON WEIGHT (POST DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PERSON WEIGHT (POST DIALYSIS) is a PATIENT's Weight following a Haemodialysis session, where the MEASUREMENT VALUE TYPE CODE is *'Kilograms (kg)'*.~~PERSON WEIGHT (POST DIALYSIS) is the result of the Clinical Investigation which measures the PATIENT's Weight following a Haemodialysis session, where the UNIT OF MEASUREMENT is *'Kilograms (kg)'*.

PERSON WEIGHT (POST DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

PERSON WEIGHT (POST DIALYSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON WEIGHT (PRE-DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PERSON WEIGHT (PRE-DIALYSIS) is a PATIENT's Weight before a Haemodialysis session, where the MEASUREMENT VALUE TYPE CODE is *'Kilograms (kg)'*.~~PERSON WEIGHT (PRE-DIALYSIS) is the result of the Clinical Investigation which measures the PATIENT's Weight before a Haemodialysis session, where the UNIT OF MEASUREMENT is *'Kilograms (kg)'*.

PERSON WEIGHT (PRE-DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

PERSON WEIGHT (PRE-DIALYSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PERSON WEIGHT (RENAL CARE)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PERSON WEIGHT (RENAL CARE) is a PATIENT's Weight, for the purpose of the National Renal Data Set, where the~~

~~MEASUREMENT VALUE TYPE CODE is 'Kilograms (kg)'.~~PERSON WEIGHT (RENAL CARE) is the result of the Clinical Investigation which measures the PATIENT's Weight, for the purpose of the National Renal Data Set, where the UNIT OF MEASUREMENT is *'Kilograms (kg)'*.

- For the National Renal Data Set - Dietetics, during a Nutritional Assessment PERSON WEIGHT (RENAL CARE) is the PATIENT's Dry Weight

- For the National Renal Data Set - Renal Care, PERSON WEIGHT (RENAL CARE) is the PATIENT's Weight

- For the National Renal Data Set - Transplant, PERSON WEIGHT (RENAL CARE) is the donor's Weight

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PERSON WEIGHT (RENAL CARE)

Change to Data Element: Changed linked Attribute, Description

PERSON WEIGHT (RENAL CARE)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PHOSPHATE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PHOSPHATE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's phosphate concentration in 'Millimoles per litre (mmol/L)'.~~PHOSPHATE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's phosphate concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

PHOSPHATE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

PHOSPHATE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PHOSPHATE CONCENTRATION (DONOR)

Change to Data Element: Changed linked Attribute

PHOSPHATE CONCENTRATION (DONOR)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PLATELETS COUNT

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n4
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PLATELETS COUNT is the result of the Clinical Investigation of the count of platelets in a PATIENT's blood sample in *'x10^{9}/l (i.e. times ten to the power 9 per litre).*~~PLATELETS COUNT is the result of the Clinical Investigation of the count of platelets in a PATIENT's blood sample, where the UNIT OF MEASUREMENT is *'number times ten raised to the power of nine per litre (x10^{9}/l)'.'*

PLATELETS COUNT

Change to Data Element: Changed linked Attribute, Description

PLATELETS COUNT

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

POSITIVE END-EXPIRATORY PRESSURE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~POSITIVE END-EXPIRATORY PRESSURE is the result of the Clinical Investigation which measures the PERSON's positive end-expiratory pressure (PEEP) in *'Millimetres of water (mmH^{2}O)'.*~~POSITIVE END-EXPIRATORY PRESSURE is the result of the Clinical Investigation which measures the PERSON's positive end-expiratory pressure (PEEP), where the UNIT OF MEASUREMENT is *'Millimetres of water (mmH^{2}O)'.*

POSITIVE END-EXPIRATORY PRESSURE

Change to Data Element: Changed linked Attribute, Description

POSITIVE END-EXPIRATORY PRESSURE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

POTASSIUM CONCENTRATION (DONOR ON ADMISSION)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n1.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~POTASSIUM CONCENTRATION (DONOR ON ADMISSION) is the result of the Clinical Investigation which measures the ORGAN OR TISSUE DONOR's potassium concentration on admission in *'Millimoles per litre (mmol/L)'*.~~POTASSIUM CONCENTRATION (DONOR ON ADMISSION) is the result of the Clinical Investigation which measures the ORGAN OR TISSUE DONOR's potassium concentration on admission, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

POTASSIUM CONCENTRATION (DONOR ON ADMISSION)

Change to Data Element: Changed linked Attribute, Description

POTASSIUM CONCENTRATION (DONOR ON ADMISSION)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

POTASSIUM CONCENTRATION (DONOR ON RETRIEVAL)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n1.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~POTASSIUM CONCENTRATION (DONOR ON RETRIEVAL) is the result of the Clinical Investigation which measures the ORGAN OR TISSUE DONOR's potassium concentration on retrieval in *'Millimoles per litre (mmol/L)'*.~~POTASSIUM CONCENTRATION (DONOR ON RETRIEVAL) is the result of the Clinical Investigation which measures the ORGAN OR TISSUE DONOR's potassium concentration on retrieval, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

POTASSIUM CONCENTRATION (DONOR ON RETRIEVAL)

Change to Data Element: Changed linked Attribute, Description

POTASSIUM CONCENTRATION (DONOR ON RETRIEVAL)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PRESCRIBED DOSE

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE is the dose stated against the PRESCRIBED ITEM on the PRESCRIPTION for the PATIENT.~~PRESCRIBED DOSE is the same as attribute PRESCRIBED DOSE.

PRESCRIBED DOSE (ALEMTUZUMAB)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (ALEMTUZUMAB) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Alemtuzumab'* in *'Milligrams (mg)'*.~~PRESCRIBED DOSE (ALEMTUZUMAB) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Alemtuzumab'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

PRESCRIBED DOSE (ANTI-HUMAN T-LYMPHOCYTE GLOBULIN)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (ANTI-HUMAN T-LYMPHOCYTE GLOBULIN) is the total PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Anti-human T-lymphocyte globulin'* in *'Milligrams (mg)'*.~~PRESCRIBED DOSE (ANTI-HUMAN T-LYMPHOCYTE GLOBULIN) is the total PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Anti-human T-lymphocyte globulin'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

PRESCRIBED DOSE (ANTITHYMOCYTE GLOBULIN)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (ANTITHYMOCYTE GLOBULIN) is the total PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Antithymocyte globulin'* in *'Milligrams (mg)'*.~~PRESCRIBED DOSE (ANTITHYMOCYTE GLOBULIN) is the total PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Antithymocyte globulin'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

PRESCRIBED DOSE (AZATHIOPRINE)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (AZATHIOPRINE) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Azathioprine'* in *'Milligrams (mg)'*.~~PRESCRIBED DOSE (AZATHIOPRINE) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Azathioprine'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

PRESCRIBED DOSE (BASILIXIMAB)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (BASILIXIMAB) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of '*Basililximab*' in '*Milligrams (mg)*'.~~PRESCRIBED DOSE (BASILIXIMAB) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of '*Basililximab*', where the UNIT OF MEASUREMENT is '*Milligrams (mg)*'.

PRESCRIBED DOSE (CICLOSPORIN)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (CICLOSPORIN) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of '*Ciclosporin*' in '*Milligrams (mg)*'.~~PRESCRIBED DOSE (CICLOSPORIN) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of '*Ciclosporin*', where the UNIT OF MEASUREMENT is '*Milligrams (mg)*'.

PRESCRIBED DOSE (DACLIZUMAB)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (DACLIZUMAB) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of '*Daclizumab*' in '*Milligrams (mg)*'.~~PRESCRIBED DOSE (DACLIZUMAB) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of '*Daclizumab*', where the UNIT OF MEASUREMENT is '*Milligrams (mg)*'.

PRESCRIBED DOSE (GROWTH HORMONE)

Change to Data Element: Changed Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (GROWTH HORMONE) is the PATIENT's PRESCRIBED DOSE of growth hormone in '*International Units per kilogram (IU/kg)*'.~~PRESCRIBED DOSE (GROWTH HORMONE) is the PATIENT's PRESCRIBED DOSE of growth hormone, where the UNIT OF MEASUREMENT is '*International Units per kilogram (IU/kg)*'.

PRESCRIBED DOSE (MUROMONAB-CD3)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (MUROMONAB-CD3) is the total PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Muromonab-CD3'* in *'Milligrams (mg)'*.~~PRESCRIBED DOSE (MUROMONAB-CD3) is the total PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Muromonab-CD3'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

PRESCRIBED DOSE (MYCOPHENOLATE MOFETIL)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (MYCOPHENOLATE MOFETIL) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Mycophenolate mofetil'* in *'Milligrams (mg)'*.~~PRESCRIBED DOSE (MYCOPHENOLATE MOFETIL) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Mycophenolate mofetil'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

PRESCRIBED DOSE (MYCOPHENOLATE SODIUM)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (MYCOPHENOLATE SODIUM) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Mycophenolate sodium'* in *'Milligrams (mg)'*.~~PRESCRIBED DOSE (MYCOPHENOLATE SODIUM) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Mycophenolate sodium'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

PRESCRIBED DOSE (PREDNISOLONE OR PREDNISONE)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED DOSE (PREDNISOLONE OR PREDNISONE) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Prednisolone or prednisone'* in *'Milligrams (mg)'*.~~PRESCRIBED DOSE (PREDNISOLONE OR PREDNISONE) is the PRESCRIBED DOSE of the RENAL MEDICATION TYPE of *'Prednisolone or prednisone'*, where the UNIT OF

MEASUREMENT is *'Milligrams (mg)'*.

PRESCRIBED ITEM (VOLUME OF 136 GLUCOSE FLUID)

Change to Data Element: Changed Description

Format/Length:	max n5
HES Item:	
National Codes:	
Default Codes:	

Notes:
PRESCRIBED ITEM (VOLUME OF 136 GLUCOSE FLUID) is the volume used per day of the RENAL DIALYSIS MEDICATION TYPE *'1.~~36% glucose~~'* in *~~'Millilitres (ml)'~~*.36% glucose', where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*.

PRESCRIBED ITEM (VOLUME OF 227 GLUCOSE FLUID)

Change to Data Element: Changed Description

Format/Length:	max n5
HES Item:	
National Codes:	
Default Codes:	

Notes:
PRESCRIBED ITEM (VOLUME OF 227 GLUCOSE FLUID) is the volume used per day of the RENAL DIALYSIS MEDICATION TYPE '*2.~~27% glucose~~*' in *~~'Millilitres (ml)'~~*.27% glucose', where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*.

PRESCRIBED ITEM (VOLUME OF 386 GLUCOSE FLUID)

Change to Data Element: Changed Description

Format/Length:	max n5
HES Item:	
National Codes:	
Default Codes:	

Notes:
PRESCRIBED ITEM (VOLUME OF 386 GLUCOSE FLUID) is the volume used per day of the RENAL DIALYSIS MEDICATION TYPE *'3.~~86% glucose~~'* in *~~'Millilitres (ml)'~~*.86% glucose', where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*.

PRESCRIBED ITEM (VOLUME OF AMINO ACID DIALYSIS FLUID)

Change to Data Element: Changed Description

Format/Length:	max n4
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED ITEM (VOLUME OF AMINO ACID DIALYSIS FLUID) is the volume used per day of the RENAL DIALYSIS MEDICATION TYPE *'Amino acid solution'* in *'Millilitres (ml)'*.~~PRESCRIBED ITEM (VOLUME OF AMINO ACID

DIALYSIS FLUID) is the volume used per day of the RENAL DIALYSIS MEDICATION TYPE *'Amino acid solution'*, where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*.

PRESCRIBED ITEM (VOLUME OF ICODEXTRIN DIALYSIS FLUID)

Change to Data Element: Changed Description

Format/Length:	max n4
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~PRESCRIBED ITEM (VOLUME OF ICODEXTRIN DIALYSIS FLUID) is the volume used per day of the RENAL DIALYSIS MEDICATION TYPE *'Icodextrin peritoneal dialysis solution'* in *'Millilitres (ml)'*.~~PRESCRIBED ITEM (VOLUME OF ICODEXTRIN DIALYSIS FLUID) is the volume used per day of the RENAL DIALYSIS MEDICATION TYPE *'Icodextrin peritoneal dialysis solution'*, where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*.

PRESCRIBED ITEM SIZE (PERITONEAL BAG)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n1.max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~PRESCRIBED ITEM SIZE (PERITONEAL BAG) is the peritoneal dialysis bag size that was prescribed for the PATIENT in *'Litres (l)'*.~~PRESCRIBED ITEM SIZE (PERITONEAL BAG) is the peritoneal dialysis bag size that was prescribed for the PATIENT, where the UNIT OF MEASUREMENT is *'Litres (l)'*.

PRESCRIBED ITEM SIZE (PERITONEAL BAG)

Change to Data Element: Changed linked Attribute, Description

PRESCRIBED ITEM SIZE (PERITONEAL BAG)

Attribute:

~~PRESCRIBED ITEM IDENTIFIER~~
PRESCRIBED ITEM QUANTITY

PRESCRIBED ITEM VOLUME USAGE PER OVERNIGHT (PERITONEAL DIALYSIS FLUID ON AUTOMATED PERITONEAL DIALYSIS)

Change to Data Element: Changed Description

Format/Length:	max n5
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~PRESCRIBED ITEM VOLUME USAGE PER OVERNIGHT (PERITONEAL DIALYSIS FLUID ON AUTOMATED PERITONEAL DIALYSIS) is the overnight peritoneal dialysis volume used on automated peritoneal dialysis (APD) in *'Millilitres*~~

~~*(ml)'*~~.PRESCRIBED ITEM VOLUME USAGE PER OVERNIGHT (PERITONEAL DIALYSIS FLUID ON AUTOMATED PERITONEAL DIALYSIS) is the overnight peritoneal dialysis volume used on automated peritoneal dialysis (APD), where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*.

PRESCRIBED TOTAL DAILY DOSE (ALEMTUZUMAB)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED TOTAL DAILY DOSE (ALEMTUZUMAB) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Alemtuzumab'* in *'Milligrams (mg)'*~~.PRESCRIBED TOTAL DAILY DOSE (ALEMTUZUMAB) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Alemtuzumab'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

For the National Renal Data Set, PRESCRIBED TOTAL DAILY DOSE (ALEMTUZUMAB) is the prescribed daily amount being administered to the PATIENT at the time of the follow up assessment.

PRESCRIBED TOTAL DAILY DOSE (AZATHIOPRINE)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED TOTAL DAILY DOSE (AZATHIOPRINE) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Azathioprine'* in *'Milligrams (mg)'*~~.PRESCRIBED TOTAL DAILY DOSE (AZATHIOPRINE) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Azathioprine'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

For the National Renal Data Set, PRESCRIBED TOTAL DAILY DOSE (AZATHIOPRINE) is the prescribed daily amount being administered to the PATIENT at the time of the follow up assessment.

PRESCRIBED TOTAL DAILY DOSE (CICLOSPORIN)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED TOTAL DAILY DOSE (CICLOSPORIN) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Ciclosporine'* in *'Milligrams (mg)'*~~.PRESCRIBED TOTAL DAILY DOSE (CICLOSPORIN) is the prescribed daily amount of the RENAL MEDICATION TYPE of '*Ciclosporine*', where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

For the National Renal Data Set, PRESCRIBED TOTAL DAILY DOSE (CICLOSPORIN) is the prescribed daily amount being administered to the PATIENT at the time of the follow up assessment.

PRESCRIBED TOTAL DAILY DOSE (DACLIZUMAB)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED TOTAL DAILY DOSE (DACLIZUMAB) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Daclizumab'* in *'Milligrams (mg)'*.~~PRESCRIBED TOTAL DAILY DOSE (DACLIZUMAB) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Daclizumab'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

For the National Renal Data Set, PRESCRIBED TOTAL DAILY DOSE (DACLIZUMAB) is the prescribed daily amount being administered to the PATIENT at the time of the follow up assessment.

PRESCRIBED TOTAL DAILY DOSE (MYCOPHENOLATE SODIUM)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED TOTAL DAILY DOSE (MYCOPHENOLATE SODIUM) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Mycophenolate sodium'* in *'Milligrams (mg)'*.~~PRESCRIBED TOTAL DAILY DOSE (MYCOPHENOLATE SODIUM) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Mycophenolate sodium'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

For the National Renal Data Set, PRESCRIBED TOTAL DAILY DOSE (MYCOPHENOLATE SODIUM) is the prescribed daily amount being administered to the PATIENT at the time of the follow up assessment.

PRESCRIBED TOTAL DAILY DOSE (TACROLIMUS)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PRESCRIBED TOTAL DAILY DOSE (TACROLIMUS) is the prescribed daily amount of the RENAL MEDICATION TYPE of *'Tacrolimus'* in *'Milligrams (mg)'*.~~PRESCRIBED TOTAL DAILY DOSE (TACROLIMUS) is the prescribed daily

amount of the RENAL MEDICATION TYPE of *'Tacrolimus'*, where the UNIT OF MEASUREMENT is *'Milligrams (mg)'*.

For the National Renal Data Set, PRESCRIBED TOTAL DAILY DOSE (TACROLIMUS) is the prescribed daily amount being administered to the PATIENT at the time of the follow up assessment.

PRIMARY TUMOUR SIZE (RADIOLOGICAL)

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
PRIMARY TUMOUR SIZE (RADIOLOGICAL) is the same as attribute TUMOUR SIZE.

~~PRIMARY TUMOUR SIZE (RADIOLOGICAL) is the maximum dimension of the primary Tumour, as agreed at the Multidisciplinary Team Meeting, in *'Millimetres (mm)'*.~~PRIMARY TUMOUR SIZE (RADIOLOGICAL) is the maximum dimension of the primary Tumour, as agreed at the Multidisciplinary Team Meeting, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*.

PROSTATE SPECIFIC ANTIGEN (DIAGNOSIS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n5.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PROSTATE SPECIFIC ANTIGEN (DIAGNOSIS) is the result of the Clinical Investigation to measure the Prostate Specific Antigen blood level (a protein made by the prostate gland and found in the blood) at the time of PATIENT DIAGNOSIS for prostate cancer in *'Nanograms per millilitre (ng/ml)'*.~~PROSTATE SPECIFIC ANTIGEN (DIAGNOSIS) is the result of the Clinical Investigation to measure the Prostate Specific Antigen blood level (a protein made by the prostate gland and found in the blood) at the time of PATIENT DIAGNOSIS for prostate cancer, where the UNIT OF MEASUREMENT is *'Nanograms per millilitre (ng/ml)'*.

PROSTATE SPECIFIC ANTIGEN (DIAGNOSIS)

Change to Data Element: Changed linked Attribute, Description

PROSTATE SPECIFIC ANTIGEN (DIAGNOSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PROSTATE SPECIFIC ANTIGEN (PRE-TREATMENT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n5.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PROSTATE SPECIFIC ANTIGEN (PRE-TREATMENT) is the result of the Clinical Investigation to measure the Prostate Specific Antigen blood level (a protein made by the prostate gland and found in the blood) before treatment (including second and subsequent treatments) for prostate cancer in *'Nanograms per millilitre (ng/ml)'*.~~PROSTATE SPECIFIC ANTIGEN (PRE-TREATMENT) is the result of the Clinical Investigation to measure the Prostate Specific Antigen blood level (a protein made by the prostate gland and found in the blood) before treatment (including second and subsequent treatments) for prostate cancer, where the UNIT OF MEASUREMENT is *'Nanograms per millilitre (ng/ml)'*.

PROSTATE SPECIFIC ANTIGEN (PRE-TREATMENT)

Change to Data Element: Changed linked Attribute, Description

PROSTATE SPECIFIC ANTIGEN (PRE-TREATMENT)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

PROTEIN CREATININE RATIO

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~PROTEIN CREATININE RATIO is the result of the Clinical Investigation which measures the PATIENT's protein creatinine ratio in *'Milligrams per millimole (mg/mmol)'*.~~PROTEIN CREATININE RATIO is the result of the Clinical Investigation which measures the PATIENT's protein creatinine ratio, where the UNIT OF MEASUREMENT is *'Milligrams per millimole (mg/mmol)'*.

PROTEIN CREATININE RATIO

Change to Data Element: Changed linked Attribute, Description

PROTEIN CREATININE RATIO

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

RADIOTHERAPY ACTUAL DOSE

Change to Data Element: Changed Description

Format/Length:	n4
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~RADIOTHERAPY ACTUAL DOSE is the same as attribute RADIOTHERAPY ACTUAL DOSE in 'Grays (Gy)'.~~RADIOTHERAPY ACTUAL DOSE is the same as attribute RADIOTHERAPY ACTUAL DOSE, where the UNIT OF MEASUREMENT is *'Grays (Gy)'*.

RADIOTHERAPY PRESCRIBED DOSE

Change to Data Element: Changed Description

Format/Length:	n4
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~RADIOTHERAPY PRESCRIBED DOSE is the same as attribute RADIOTHERAPY PRESCRIBED DOSE in 'Grays (Gy)'.~~RADIOTHERAPY PRESCRIBED DOSE is the same as attribute RADIOTHERAPY PRESCRIBED DOSE, where the UNIT OF MEASUREMENT is *'Grays (Gy)'*.

RADIOTHERAPY TOTAL DOSE

Change to Data Element: Changed Description

Format/Length:	max n3.n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~RADIOTHERAPY TOTAL DOSE is the same as attribute RADIOTHERAPY ACTUAL DOSE in 'Grays (Gy)'.~~RADIOTHERAPY TOTAL DOSE is the same as attribute RADIOTHERAPY ACTUAL DOSE, where the UNIT OF MEASUREMENT is *'Grays (Gy)'*.

RADIOTHERAPY TOTAL DOSE is the total actual absorbed radiation dose received during a course of treatment.

For the Cancer Outcomes and Services Data Set: Core, RADIOTHERAPY TOTAL DOSE is derived from the Radiotherapy Data Set.

RED CELL FOLATE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n1.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~RED CELL FOLATE CONCENTRATION records the result of the Clinical Investigation which measures the PATIENT's red cell folate concentration in 'Micromoles per litre (µmol/L)'.~~RED CELL FOLATE CONCENTRATION records the result of the Clinical Investigation which measures the PATIENT's red cell folate concentration, where the UNIT OF MEASUREMENT is *'Micromoles per litre (µmol/L)'*.

RED CELL FOLATE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

RED CELL FOLATE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

RESIDUAL RENAL CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~RESIDUAL RENAL CREATININE CLEARANCE is the result of the Clinical Investigation to record the calculation of the PATIENT's weekly urinary renal creatinine clearance in *'l/week/1.73²'*.~~RESIDUAL RENAL CREATININE CLEARANCE is the result of the Clinical Investigation to record the calculation of the PATIENT's weekly urinary renal creatinine clearance, where the UNIT OF MEASUREMENT is '*Litres per week per 1.73 metres squared (l/week/1.73²)*'.

RESIDUAL RENAL CREATININE CLEARANCE

Change to Data Element: Changed linked Attribute, Description

RESIDUAL RENAL CREATININE CLEARANCE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SATURATION PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~SATURATION PERCENTAGE is the result of the Clinical Investigation which measures the PERSON's saturation percentage.~~SATURATION PERCENTAGE is the result of the Clinical Investigation which measures the PERSON's saturation percentage, where the UNIT OF MEASUREMENT is *'Percentage (%)'*.

SATURATION PERCENTAGE

Change to Data Element: Changed linked Attribute, Description

SATURATION PERCENTAGE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM ALBUMIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SERUM ALBUMIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum albumin concentration in *'Grams per litre (g/l)'*.~~SERUM ALBUMIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum albumin concentration, where the UNIT OF MEASUREMENT is *'Grams per litre (g/l)'*.

SERUM ALBUMIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM ALBUMIN CONCENTRATION
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM ALBUMIN CONCENTRATION (DONOR)

Change to Data Element: Changed linked Attribute

SERUM ALBUMIN CONCENTRATION (DONOR)
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM ALUMINIUM CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n4
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SERUM ALUMINIUM CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum aluminium concentration in *'Milligrammes per litre (mg/l)'*.~~SERUM ALUMINIUM CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum aluminium concentration, where the UNIT OF MEASUREMENT is *'Milligrammes per litre (mg/l)'*.

SERUM ALUMINIUM CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM ALUMINIUM CONCENTRATION
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM B12 CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SERUM B12 CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum B12 concentration in *'Nanograms per litre (ng/l)'*.~~SERUM B12 CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum B12 concentration, where the UNIT OF MEASUREMENT is *'Nanograms per litre (ng/l)'*.

SERUM B12 CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM B12 CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM BICARBONATE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SERUM BICARBONATE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum bicarbonate concentration in *'Millimoles per litre (mmol/L)'*.~~SERUM BICARBONATE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum bicarbonate concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

SERUM BICARBONATE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM BICARBONATE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM CALCIUM CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n1.max n2
HES Item:	
National Codes:	

Default Codes:

Notes:
~~SERUM CALCIUM CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum calcium concentration in *'Millimoles per litre (mmol/L)'*.~~SERUM CALCIUM CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum calcium concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

SERUM CALCIUM CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM CALCIUM CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM CALCIUM CONCENTRATION (DONOR)

Change to Data Element: Changed linked Attribute

SERUM CALCIUM CONCENTRATION (DONOR)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM C-REACTIVE PROTEIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SERUM C-REACTIVE PROTEIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum C-reactive protein concentration in *'Milligrams per litre (mg/l)'*.~~SERUM C-REACTIVE PROTEIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum C-reactive protein concentration, where the UNIT OF MEASUREMENT is *'Milligrams per litre (mg/l)'*.

SERUM C-REACTIVE PROTEIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM C-REACTIVE PROTEIN CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM CREATININE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SERUM CREATININE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum creatinine concentration in *'Micromoles per litre (µmol/L)'*.~~SERUM CREATININE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum creatinine concentration, where the UNIT OF MEASUREMENT is *'Micromoles per litre (µmol/L)'*.

SERUM CREATININE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM CREATININE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM CREATININE CONCENTRATION (DONOR)

Change to Data Element: Changed linked Attribute

SERUM CREATININE CONCENTRATION (DONOR)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM CREATININE CONCENTRATION (DONOR ON ADMISSION)

Change to Data Element: Changed linked Attribute

SERUM CREATININE CONCENTRATION (DONOR ON ADMISSION)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM CREATININE CONCENTRATION (DONOR ON RETRIEVAL)

Change to Data Element: Changed linked Attribute

SERUM CREATININE CONCENTRATION (DONOR ON RETRIEVAL)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM CREATININE CONCENTRATION (PRE-DIALYSIS)

Change to Data Element: Changed linked Attribute

SERUM CREATININE CONCENTRATION (PRE-DIALYSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM CREATININE CONCENTRATION (PRIOR END STAGE RENAL FAILURE)

Change to Data Element: Changed linked Attribute

SERUM CREATININE CONCENTRATION (PRIOR END STAGE RENAL FAILURE)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM CREATININE KTV

Change to Data Element: Changed linked Attribute

SERUM CREATININE KtV

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM FERRITIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n4
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~SERUM FERRITIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum ferritin concentration in *'Micrograms per litre µg/L'*.~~SERUM FERRITIN CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum ferritin concentration, where the UNIT OF MEASUREMENT is *'Micrograms per litre (µg/L)'*.

SERUM FERRITIN CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM FERRITIN CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM INTACT PARATHYROID HORMOME CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n4.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~SERUM INTACT PARATHYROID HORMOME CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum intact parathyroid hormone concentration in *'Picomoles per litre (pmol/L)'*.~~SERUM INTACT PARATHYROID HORMOME CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum intact parathyroid hormone concentration, where the UNIT OF MEASUREMENT is *'Picomoles per litre (pmol/L)'*.

SERUM INTACT PARATHYROID HORMOME CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM INTACT PARATHYROID HORMOME CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM MAGNESIUM CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SERUM MAGNESIUM CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum magnesium concentration in *'Millimoles per litre (mmol/L)'*.~~SERUM MAGNESIUM CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum magnesium concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

SERUM MAGNESIUM CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM MAGNESIUM CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM POTASSIUM CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	n1.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SERUM POTASSIUM CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum potassium concentration in *'Millimoles per litre (mmol/L)'*.~~SERUM POTASSIUM CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's serum potassium concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

SERUM POTASSIUM CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

SERUM POTASSIUM CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM UREA CONCENTRATION (POST DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~SERUM UREA CONCENTRATION (POST DIALYSIS) is the result of the Clinical Investigation which measures the PATIENT's post dialysis serum urea concentration in *'Micromoles per litre (µmol/L)'*.~~SERUM UREA CONCENTRATION (POST DIALYSIS) is the result of the Clinical Investigation which measures the PATIENT's post dialysis serum urea concentration, where the UNIT OF MEASUREMENT is *'Micromoles per litre (µmol/L)'*.

SERUM UREA CONCENTRATION (POST DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

SERUM UREA CONCENTRATION (POST DIALYSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SERUM UREA CONCENTRATION (PRE-DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~SERUM UREA CONCENTRATION (PRE-DIALYSIS) is the result of the Clinical Investigation which measures the PATIENT's pre-dialysis serum urea concentration in *'Micromoles per litre (µmol/L)'*.~~SERUM UREA CONCENTRATION (PRE-DIALYSIS) is the result of the Clinical Investigation which measures the PATIENT's pre-dialysis serum urea concentration, where the UNIT OF MEASUREMENT is *'Micromoles per litre (µmol/L)'*.

SERUM UREA CONCENTRATION (PRE-DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

SERUM UREA CONCENTRATION (PRE-DIALYSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SIROLIMUS TROUGH LEVEL (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SIROLIMUS TROUGH LEVEL (RECIPIENT) is the result of the Clinical Investigation which measures the PATIENT's sirolimus trough level in *'Nanograms per millilitre (ng/ml)'*.~~SIROLIMUS TROUGH LEVEL (RECIPIENT) is the result of the Clinical Investigation which measures the PATIENT's sirolimus trough level, where the UNIT OF MEASUREMENT is *'Nanograms per millilitre (ng/ml)'*.

SIROLIMUS TROUGH LEVEL (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

SIROLIMUS TROUGH LEVEL (RECIPIENT)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

SPLEEN BELOW COSTAL MARGIN

Change to Data Element: Changed Description

Format/Length:	max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SPLEEN BELOW COSTAL MARGIN is the same as attribute SPLEEN BELOW COSTAL MARGIN, measured in *'Centimetres (cm)'*.~~SPLEEN BELOW COSTAL MARGIN is the same as attribute SPLEEN BELOW COSTAL MARGIN, where the UNIT OF MEASUREMENT is *'Centimetres (cm)'*.

The value is presented in the range 0-50.

SYSTOLIC BLOOD PRESSURE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~SYSTOLIC BLOOD PRESSURE is the Systolic Blood Pressure of a PATIENT in *'Millilitres of mercury (mmHg)'*.~~SYSTOLIC BLOOD PRESSURE is the result of the Clinical Investigation which measures the PATIENT's Systolic Blood Pressure, where the UNIT OF MEASUREMENT is '*Millimetres of mercury (mmHg)*'.

SYSTOLIC BLOOD PRESSURE

Change to Data Element: Changed linked Attribute, Description

SYSTOLIC BLOOD PRESSURE

Attribute:

~~MEASURED OBSERVATION VALUE~~
CLINICAL INVESTIGATION RESULT VALUE

SYSTOLIC BLOOD PRESSURE (POST HAEMODIALYSIS)

Change to Data Element: Changed linked Attribute

SYSTOLIC BLOOD PRESSURE (POST HAEMODIALYSIS)

Attribute:

~~MEASURED OBSERVATION VALUE~~
CLINICAL INVESTIGATION RESULT VALUE

SYSTOLIC BLOOD PRESSURE (PRE-HAEMODIALYSIS)

Change to Data Element: Changed linked Attribute

SYSTOLIC BLOOD PRESSURE (PRE-HAEMODIALYSIS)

Attribute:

~~MEASURED OBSERVATION VALUE~~
CLINICAL INVESTIGATION RESULT VALUE

TACROLIMUS 12 HOUR TROUGH LEVEL (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~TACROLIMUS 12 HOUR TROUGH LEVEL (RECIPIENT)~~ ~~is the result of the~~ ~~Clinical Investigation~~ ~~which measures the~~ ~~PATIENT~~~~'s tacrolimus 12 hour trough level in *'Micrograms per millilitre (µg/ml)'*~~.TACROLIMUS 12 HOUR TROUGH LEVEL (RECIPIENT) is the result of the Clinical Investigation which measures the PATIENT's tacrolimus 12 hour trough level, where the UNIT OF MEASUREMENT is *'Micrograms per millilitre (µg/ml)'*.

TACROLIMUS 12 HOUR TROUGH LEVEL (RECIPIENT)

Change to Data Element: Changed linked Attribute, Description

TACROLIMUS 12 HOUR TROUGH LEVEL (RECIPIENT)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

TEMPERATURE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.max n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~TEMPERATURE is the PATIENT's Temperature, where the MEASUREMENT VALUE TYPE CODE is 'Celsius (ºC)'.~~TEMPERATURE is the result of the Clinical Investigation which measures the PATIENT's Temperature, where the UNIT OF MEASUREMENT is *'Celsius (ºC)'*.

TEMPERATURE

Change to Data Element: Changed linked Attribute, Description

TEMPERATURE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

TRANSFERRIN SATURATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~TRANSFERRIN SATURATION is the result of the Clinical Investigation which measures the PATIENT's transferrin saturation in "Percentage".~~TRANSFERRIN SATURATION is the result of the Clinical Investigation which measures the PATIENT's transferrin saturation, where the UNIT OF MEASUREMENT is *'Percentage (%)'*.

TRANSFERRIN SATURATION

Change to Data Element: Changed linked Attribute, Description

TRANSFERRIN SATURATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

TRIGLYCERIDES CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~TRIGLYCERIDES CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's~~

~~triglycerides concentration in *'Millimoles per litre (mmol/L)'*.~~TRIGLYCERIDES CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's triglycerides concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

TRIGLYCERIDES CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

TRIGLYCERIDES CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

TUMOUR HEIGHT ABOVE ANAL VERGE

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~TUMOUR HEIGHT ABOVE ANAL VERGE is the approximate height of the lower limit of the Tumour above the anal verge (as measured by a rigid sigmoidoscopy), in *'Centimetres (cm)'*.~~TUMOUR HEIGHT ABOVE ANAL VERGE is the approximate height of the lower limit of the Tumour above the anal verge (as measured by a rigid sigmoidoscopy), where the UNIT OF MEASUREMENT is *'Centimetres (cm)'*.

TUMOUR HEIGHT ABOVE ANAL VERGE

Change to Data Element: Changed linked Attribute, Description

TUMOUR HEIGHT ABOVE ANAL VERGE

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

URIC ACID CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~URIC ACID CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's uric acid concentration in *'Millimoles per litre (mmol/L)'*.~~URIC ACID CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's uric acid concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

URIC ACID CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

URIC ACID CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

URINARY ALBUMIN LEVEL TESTING METHOD

Change to Data Element: Changed Description

~~Format/length:~~	~~n2~~
~~HES item:~~	
Format/Length:	n2
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~The method used to determine the PERSON OBSERVATION (URINARY ALBUMIN LEVEL).~~

URINARY ALBUMIN LEVEL TESTING METHOD is the method used to determine the PERSON OBSERVATION (URINARY ALBUMIN LEVEL).

The urine specimen used to check for albuminuria may be collected in several ways depending on local preference. Staging definitions vary by method so PERSON OBSERVATION (URINARY ALBUMIN LEVEL) must be accompanied by the method used.

~~Derive from the MEASURED OBSERVATION VALUE recorded for the MEASURED PERSON OBSERVATION TYPE 'Urinary Albumin level'.~~

Permitted National Codes:

01	Albumin concentration (mg/L)
02	Albumin creatinine ratio (mg/mmol)
03	Timed overnight albumin (µg/min)
04	24hr albumin excretion (mg/24hr)

URINE CREATININE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~URINE CREATININE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's 24 hour urine creatinine concentration in *'Millimoles per litre (mmol/L)'*.~~URINE CREATININE CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's 24 hour urine creatinine concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

URINE CREATININE CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

URINE CREATININE CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

URINE KTV

Change to Data Element: Changed linked Attribute

URINE KtV

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

URINE OUTPUT LAST 24 HOURS

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n5
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~URINE OUTPUT LAST 24 HOURS is the Urine Output of a PATIENT in the last 24 hours, where the MEASUREMENT VALUE TYPE CODE is *'Millilitres (ml)'*.~~URINE OUTPUT LAST 24 HOURS is the result of the Clinical Investigation which measures the PATIENT's Urine Output in the last 24 hours, where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*.

URINE OUTPUT LAST 24 HOURS

Change to Data Element: Changed linked Attribute, Description

URINE OUTPUT LAST 24 HOURS

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

URINE OUTPUT LAST HOUR

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n4
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~URINE OUTPUT LAST HOUR is the Urine Output of a PATIENT in the last hour.~~URINE OUTPUT LAST HOUR is the result of the Clinical Investigation which measures the PATIENT's Urine Output in the last hour, where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*.

URINE OUTPUT LAST HOUR

Change to Data Element: Changed linked Attribute, Description

URINE OUTPUT LAST HOUR

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

URINE UREA CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~URINE UREA CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's 24 hour urine urea concentration in *'Millimoles per litre (mmol/L)'*.~~URINE UREA CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's 24 hour urine urea concentration, where the UNIT OF MEASUREMENT is *'Millimoles per litre (mmol/L)'*.

URINE UREA CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

URINE UREA CONCENTRATION

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

URINE VOLUME

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n6
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~URINE VOLUME is the result of the Clinical Investigation which measures the PATIENT's urine volume in *'Millilitres (ml)'*.~~URINE VOLUME is the result of the Clinical Investigation which measures the PATIENT's urine volume, where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*.

For the National Renal Data Set, URINE VOLUME is the PATIENT's urine volume by 24 hour collection.

URINE VOLUME

Change to Data Element: Changed linked Attribute, Description

URINE VOLUME

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

VIRAL LOAD COUNT

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n7
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~VIRAL LOAD COUNT is the result of the Clinical Investigation which measures the PATIENT's viral load count in *'Millilitres (ml)'*, as recorded at the HIV Clinic Attendance.~~VIRAL LOAD COUNT is the result of the Clinical Investigation which measures the PATIENT's viral load count, where the UNIT OF MEASUREMENT is *'Millilitres (ml)'*, as recorded at the HIV Clinic Attendance.

For the HIV and AIDS Reporting Data Set, VIRAL LOAD COUNT should be omitted if the PATIENT's viral load count has not been recorded.

VIRAL LOAD COUNT

Change to Data Element: Changed linked Attribute, Description

VIRAL LOAD COUNT
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

VITAMIN D CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~VITAMIN D CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's vitamin D concentration in *'Nanograms per millilitre (ng/ml)'*.~~VITAMIN D CONCENTRATION is the result of the Clinical Investigation which measures the PATIENT's vitamin D concentration, where the UNIT OF MEASUREMENT is *'Nanograms per millilitre (ng/ml)'*.

VITAMIN D CONCENTRATION

Change to Data Element: Changed linked Attribute, Description

VITAMIN D CONCENTRATION
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

WAIST MEASUREMENT

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~WAIST MEASUREMENT is the Waist Measurement of the PATIENT, where the MEASUREMENT VALUE TYPE CODE is *'Centimetres (cm)'*.~~WAIST MEASUREMENT is the result of the Clinical Investigation which measures the PATIENT's Waist Measurement, where the UNIT OF MEASUREMENT is *'Centimetres (cm)'*.

WAIST MEASUREMENT

Change to Data Element: Changed linked Attribute, Description

WAIST MEASUREMENT
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

WHITE BLOOD CELL COUNT

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n3.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~WHITE BLOOD CELL COUNT is the result of the Clinical Investigation which measures the PERSON's white CELL blood count measured as *'n x10^{9}/l (i.e. number times ten to the power 9 per litre).'*~~ WHITE BLOOD CELL COUNT is the result of the Clinical Investigation which measures the PERSON's white CELL blood count, where the UNIT OF MEASUREMENT is *'number times ten raised to the power of nine per litre (x10^{9}/l)'*.

WHITE BLOOD CELL COUNT

Change to Data Element: Changed linked Attribute, Description

WHITE BLOOD CELL COUNT
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

WHITE BLOOD CELL COUNT (HIGHEST PRETREATMENT)

Change to Data Element: Changed linked Attribute

WHITE BLOOD CELL COUNT (HIGHEST PRETREATMENT)
Attribute:

CLINICAL INVESTIGATION RESULT VALUE

WHITE BLOOD CELL COUNT (PERITONEAL FLUID)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n4
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~WHITE BLOOD CELL COUNT (PERITONEAL FLUID) is the result of the Clinical Investigation which measures the PATIENT's white cell blood count (peritoneal fluid) in *'x10^{9}/l'*.~~WHITE BLOOD CELL COUNT (PERITONEAL FLUID) is the result of the Clinical Investigation which measures the PATIENT's white cell blood count (peritoneal fluid), where the UNIT OF MEASUREMENT is *'number times ten raised to the power of nine per litre (x10^{9}/l)'*.

WHITE BLOOD CELL COUNT (PERITONEAL FLUID)

Change to Data Element: Changed linked Attribute, Description

WHITE BLOOD CELL COUNT (PERITONEAL FLUID)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

WHOLE BLOOD MEAN CELL VOLUME (DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~WHOLE BLOOD MEAN CELL VOLUME (DIALYSIS) is the result of the Clinical Investigation of the PATIENT's whole blood mean cell volume in *'fL'*.~~WHOLE BLOOD MEAN CELL VOLUME (DIALYSIS) is the result of the Clinical Investigation of the PATIENT's whole blood mean cell volume in *'Femtolitres (fl)'*.

WHOLE BLOOD MEAN CELL VOLUME (DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

WHOLE BLOOD MEAN CELL VOLUME (DIALYSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN (DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

Format/Length:	max n2.n1
HES Item:	
National Codes:	
Default Codes:	

Notes:
~~WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN (DIALYSIS) is the result of the Clinical Investigation of the PATIENT's whole blood mean corpuscular haemoglobin per cell in *'picogram'*.~~WHOLE BLOOD MEAN CORPUSCULAR

HAEMOGLOBIN (DIALYSIS) is the result of the Clinical Investigation of the PATIENT's whole blood mean corpuscular haemoglobin per cell, where the UNIT OF MEASUREMENT is *'Picograms (pg)'*.

WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN (DIALYSIS)

Change to Data Element: Changed linked Attribute, Description

WHOLE BLOOD MEAN CORPUSCULAR HAEMOGLOBIN (DIALYSIS)

Attribute:

CLINICAL INVESTIGATION RESULT VALUE

WHOLE TUMOUR SIZE

Change to Data Element: Changed Description

Format/Length:	max n3
HES Item:	
National Codes:	
Default Codes:	

Notes:

~~WHOLE TUMOUR SIZE is the same as attribute TUMOUR SIZE.~~WHOLE TUMOUR SIZE is the same as attribute TUMOUR SIZE, where the UNIT OF MEASUREMENT is *'Millimetres (mm)'*.

WHOLE TUMOUR SIZE is the whole size of the Tumour and is only required where the Tumour has a DUCTAL CARCINOMA IN SITU GRADE.

For enquiries about this Change Request, please email information.standards@hscic.gov.uk