Measurements Communicare Mapping

The most recent qualifier is used for each CAT measurement. The value of the qualifier and the date it was recorded is exported to CAT. Some measurements have an additional flag for service incentive payments. This flag is set if the particular measurement has been recorded in the previous six months and the previous six months before that.

Pathology Results

Pathology Results must be received in atomised HL7 format in order for the results to be picked up by Communicare and processed automatically into qualifiers. 'Atomised' format means that the HL7 results contain the data in predefined coded segments. The test name and LOINC (Logical Observation Identifiers Names & Codes) code are the important data the extraction tool looks for.
If an investigation request is matched to a result which is known to have certain qualifiers associated with it, these qualifiers will be linked through to the investigation result. This allows qualifiers that were automatically imported (via LOINC codes) to be reviewed while reviewing the result itself.
Numeric and true/false qualifiers are supported. Numeric qualifiers receive the numeric value coded by the laboratory in the result. True/false qualifiers receive the 'Abnormal' flag coded by the laboratory in the result. This means that the qualifier will record whether the lab declared the result to be abnormal, not the actual text returned by the lab.

CAT Measurement	Communicare Qualifier
Waist	'Waist Circumference' or any qualifier with system code **WCM**
Cholesterol	'Total Cholesterol Level' or any qualifier with system code **CHO**
HDL	'HDL level' or any qualifier with system code **HDL**
LDL	'LDL Level' or any qualifier with system code **LDL**
Triglycerides	'Triglyceride Level' or any qualifier with system code **TRG**
Creatinine	'Creatinine' or any qualifier with system code **CRU**
Urinary creatinine	'Urinary creatinine' or any qualifier with LOINC code **14683-7**
Microalbumin	'Albumin' or any qualifier with system code **ALB**
ACR (Microalbumin Creatinine Ratio)	'ACR (Alb/Creat Ratio)' or any qualifier with system code **ACR**
HbA1c	'HbA1c' or any qualifier with system code **HBA**
BP - Systolic	'BP - Systolic blood pressure' or any qualifier with system code **BPS**
BP - Diastolic	'BP - Diastolic blood pressure' or any qualifier with system code **BPD**
HbA1c	'HbA1c' or any qualifier with system code **HBA**
INR	'INR (International Normalised Ratio)' or any qualifier with system code **INR**
Random Blood Glucose	'Blood glucose level - random' or any qualifier with system code **BGR**
Fasting Blood Glucose	'Blood glucose level - fasting' or any qualifier with system code **BGF**
Height	'Height' or any qualifier with system code **HCM**
Weight	'Weight' or any qualifier with system code **WKG**

CAT Measurement	Communicare Qualifier
Birth Weight	Birth Weight from patient biographics. If this is not recorded, uses qualifier with system code **WGK**) recorded on day of birth.
BMI	'BMI' or any qualifier with system code **BMI**
Haemoglobin	'Haemoglobin' or any qualifier with system code **HBH**
Protein Creatinine Ratio	'PCR (Protein/Creatinine Ratio)' or any qualifier with system code **PCR**
Chlamydia Test	'Chlamydia result abnormal' or any qualifier with system code **XCL**
HIV Test	'HIV result abnormal' or any qualifier with system code **XHI**
Gonorrhoea Test	'Gonorrhoea result abnormal' or any qualifier with system code **XGN**
Syphilis Test	'Syphilis result abnormal' or any qualifier with system code **XSY**

Eye Exam	'Eye Exam' or any qualifier with export code of **EYEEXAM**
Foot Exam	'Foot Exam' or any qualifier with export code of **FOOTEXAM**
Pap Smear	'PAP smear done' or any qualifier with export code of **PAPSMEAR** OR Any clinical item with the export code of **PAPSMEAR** OR Any investigation request with description of **PAP SMEAR** OR Any investigation result that contains the following words: PAP, CCSR or CYG OR Any investigation result that contains the following phrases: NON SCREENING SMEAR, GYNAECOLOGICAL CYTOLOGY, CYTOLOGY GYNAECOLOGICAL, CERVICAL CYTOLOGY, CERVICAL - CONVENTIONAL SMEAR, CERVICAL SMEAR, CYTOLOGY GYNAECOLOGICAL, CERVICAL SMR
Physical Activity	Dropdown list type qualifiers with system code = '**EXL**'. Export codes on dropdown list selected becomes the value exported to CAT. The standard Communicare distribution uses "Exercise Level" as the qualifier. Dropdown list values map: • Excellent >30min mod. most days = 1 = **Sufficient** (moderate or vigorous physical activity) • Good = 30min mod. most days = 1 = **Sufficient** (moderate or vigorous physical activity) • Poor < 30min mod. most days = 2 = **Insufficient** • Sedentary = 3 = **Sedentary** • Special needs = 9 = **Not stated/inadequately described**