Mapping Medtech - Details

> 📄 Unknown macro: 'export-link'

Listed below is a sample of the **Measurement** codes for the **CAT4 Item Descriptions** that will require mapping in **Medtech32**.
Measurements

DATA ITEM	TYPE	Description
Bp_diastolic	Int	Diastolic Blood Pressure
Bp_systolic	Int	Systolic Blood Pressure
Height	dec	Height in centimetres AIHW Meteor specifications http://meteor.aihw.gov.au/content/index.phtml/itemId/270361
Waist	dec	Waist in centimetres AIHW Meteor specifications http://meteor.aihw.gov.au/content/index.phtml/itemId/270129
Weight	dec	Weight in kilograms AIHW Meteor specifications http://meteor.aihw.gov.au/content/index.phtml/itemId/270208
Birth_weight	dec	Birth weight in grams, if there is a weight recorded on the patients birth date.
Physical_activity	int	**Physical Activity** This is a score based on the AIHW Meteor specifications http://meteor.aihw.gov.au/content/index.phtml/itemId/270054 1 Sufficient 2 Insufficient 3 Sedentary
MMSE	dec	**Mini Mental State Examination** is a cognitive test for Alzheimer's Disease and Dementia that returns a score out of 30. This captures the score.
INR	dec	International Normalised Ratio
CVD Assessment		**CVD Risk Assessment** This data item is required to support Indigenous Health nKPI Reporting (for calculation of indicator PI21) http://meteor.aihw.gov.au/content/index.phtml/itemId/663978 The data item is recorded if the practice has done an assessment and requires the risk value calculated and the risk assessment tool used (there are a few tools eg. Absolute CVD Risk Assessment (Framingham), CARPA, Baker, Anderson).
Spirometry_fev1post	dec	Spirometry test - FEV1 (or forced expiratory volume in the first second of a forced exhalation)
Spirometry_fvcpost	dec	Spirometry test – FVC (or forced vital capacity)

Checks

DATA ITEM	TYPE	Description
Eye exam	bool	Eye exam has been done (part of Diabetes SIP should be done every 2 years)
Foot exam	bool	Foot exam has been done (part of Diabetes SIP should be done every 6 months)
Visual check	bool	Visual check has been done
Hearing check	bool	Hearing check has been done
Skin check	bool	Skin check has been done

Screening

DATA ITEM	TYPE	Description
Paps mear	int	**Papsmear screening status** captures whether screening is required and the last date 1 if the screening was done, 2 if there is positive information to the effect that a screening is not clinically required
HPV_ test	int	**HPV screening status** captures whether screening is required and the last date 1 if the screening was done, 2 if there is positive information to the effect that a screening is not clinically required
Breas tscreen	int	**Breast screen/Mammogram screening** status captures whether screening is required and the last date 1 if the screening was done, 2 if there is positive information to the effect that a screening is not clinically required
Color ectals creen	int	**Colorectal screening** status captures whether screening is required and the last date (the last date would be the same as the FOBT test) 1 if the colorectal screen was done, 2 if there is positive information to the effect that a colorectal screen is not clinically required
Fobt	bool	**FOBT testing** captures whether the test has been done and the last test date. It also should capture the order date. (As the test relies on a patient collecting a sample, this enables CAT to report on tests that have been ordered but no test result has been received).
Chla mydia _test	bool	Chlamydia screening has been done
Hiv_t est	bool	HIV screening has been done
Hiv_R HT		HIV screening has been done using RHT test **HIV RHT test** This stands for Rapid HIV Test. We added this data item as part of an STI project we did a few years ago. This test is done in the practice and hence did not come into the system through the normal pathology import. The practice was manually entering the results and we needed to be able to capture that testing. **It does not need to be mapped if the practice is not using it.**
Gonor rhoea _test	bool	Gonorrhoea screening has been done
Syphil is_test	bool	Syphilis screening has been done

Pathology: LOINC codes provide a standard common terminology for laboratory and clinical observations. https://search.loinc.org/searchLOINC/
A LOINC code should be provided by the path labs with each result they send back, however it is sometimes missing. CAT4 will first look for a LOINC code. If that is not provided it will look for a test name. Unfortunately test names are not standardised so CAT will sometimes use "wildcard" searching of test names (denoted by a %).

DATA ITEM	TYPE	Description and LOINC
Hdl	dec	Pathology - HDL 14646-4
ldl	dec	Pathology - LDL 22748-8
Cholesterol	dec	Pathology – Total Cholesterol 14647-2
Creatinine	dec	Pathology – Serum Creatinine 14682-9
Creatine_urinary	dec	Pathology – Urinary Creatinine 14683-7
Hba1c	dec	Pathology – HbA1c % 17856-6 4548-4
HbA1c_IFCC		Pathology – HbA1c mmol/mol 59261-8

Random_blood_glucose	dec	Pathology – Random Blood Glucose (RBG) or Blood Sugar Level (BSL) 14749-6
Fasting_blood_glucose	dec	Pathology – Fasting Blood Glucose (FBG) or Blood Sugar Level Fasting (BSLF) 14771-0 14996-3
Microalbumin	dec	Pathology – Microalbumin in urine 14957-5 1754-1
Microalbumin_creatinine_ratio	dec	Pathology – Albumin Creatine Ratio (ACR) 32294-130000-4 9318-714959-1 30001-2
Triglycerides	dec	Pathology – Triglycerides 14927-8 30524-3
Haemoglobin	dec	Pathology – Haemoglobin 718-7
Glucose_2hr_tolerance_test	dec	Pathology – Glucose 2 hr tolerance test (2 hours post dose glucose)
Egfr	dec	Pathology - eGFR 62238-1
Albumin_urinary_excretion	dec	Pathology – Albumin in Urine (ug/min) Used in some reports that check if an any albumin test has been done (ACR or other) 1755-8
Albumin_urinary_excretion_24hr	dec	Pathology – Albumin in 24 hour Urine (mg/24hr) Used in some reports that check if an any albumin test has been done (ACR or other) 14956-7
Protein_urinary NOT USED	dec	Pathology - Protein in 24 hour Urine (g/24h) 2889-4
Protein_creatinine_ratio NOT USED	dec	Pathology - Protein/Creatinine in Urine (mg/g) 2890-2
Protein_creatinine_ratio_g_per_mmol NOT USED	dec	Pathology - Protein/Creatinine in Urine (g/mmol) 34366-5

Below is a list of the **Immunisation** codes for the **CAT4 Item Descriptions** that will require mapping in **Medtech32**.

DESCRIPTION	MAPPED	VACCINES MAPPED TO
Immunisations_fluvax	No	**All vaccines for Influenza** Agrippal Afluria quad Fluad Fluarix Fluarix tetra Fluquadri Fluquadri junior Fluvax Fluvirin Influenza Influvac Vaxigrip Vaxigrip junior
Immunisations_panvax NOT USED	No	This data item was added in 2009 for the rollout of Panvax against Swine Flu to assist practices with management. It is no longer needed as the Influenza vaccine now includes protection. **This does not need to be mapped.**
Immunisations_gardasil	No	**All vaccines for HPV** Gardasil Cervarix

Immunisations_pertussis	No	**All vaccines for Pertussis** Acellular dtp Adacel Adacel polio Boostrix Boostrix ipv Dtp Dtpa Dtp-hepb Pertussis Infanrix Infanrix ipv Infanrix hep b Infanrix hexa Infanrix hib Infanrix penta Pediacel Poliacel Tripacel Triple antigen Quadracel
Immunisations_pneumovax	No	**All vaccines for Pneumococcal** Pneumovax 23 Pneumovax Prevenar Prevenar 13 Synflorix
Immunisations_hebp	No	**All vaccines for Hepatitis B** Comvax Engerix b Engerix b(paediatric) Hb-vax ii H-b-vax ii H-b-vax ii(paediatric) Hepatitis b Infanrix hep b Infanrix hexa Infanrix penta Twinrix Twinrix 360/10 Twinrix junior
Immunisations_dtpa	No	**All vaccines for Diphtheria** Adacel Boostrix Dtpa Dtpa-hep Dtpa-hepb Infanrix Infanrix hep b Infanrix hexa Infanrix ipv Infanrix penta Pediacel Poliacel Quadracel Tripacel Triple antigen
Immunisations_hib	No	**All vaccines for HIB** Acthib Comvax Hexaliquid pedvaxhib Hiberix Hib-menc Hibtiter Infanrix Infanrix hexa Liquid pedvazhib Menitorix Pediacel Pedvax-hib Poliacel

Immunisations_polio	No	**All vaccines for Poliomyelitis** Infanrix hexa Infanrix ipv Infanrix penta Ipol Pediacel Poliacel Polio sabin(oral) Quadracel Sabin
Immunisations_prevanar	No	**All vaccines for Pneumococcal (childhood)** Prevenar Prevenar 13 Synflorix
Immunisations_rotavirus	No	**All vaccines for Rotavirus** Rotateq Rotarix
Immunisations_mmr	No	MMR MMR-II MMRV Priorix Priorix-TETRA Proquad
Immunisations_menccv	No	**All vaccines for Meningococcus C** Hib-menc menitorix Menccv Mencevax ACWY Meningitec Meningococcus c Meningococcusc, Menjugate Neisvac-c
Immunisations_hepa	No	**All vaccines for Hepatitis A** Avaxim Havrix Havrix junior Hepatitis a Twinrix Twinrix 360/10 Twinrix junior Vaqta Vaqta Vivaxim
Immunisations_vzv	No	**All vaccines for Varicella-Zoster** MMR Priorix-tetra Proquad Varicella Varilrix Varivax refrigerated VZV

Listed below is a sample of the **Smoking/Alcohol** codes for the **CAT4 Item Descriptions** that will require mapping in **Medtech32.**

DESCRIPTION	Type	Comments
		Smoking Status AIHW Meteor Reference http://meteor.aihw.gov.au/content/index.phtml/itemId/270311 1 Daily smoker 2 Weekly smoker 3 Irregular smoker 4 Ex-smoker 5 Never smoked
Daily smoker	Int	
Weekly smoker	Int	
Irregular smoker	Int	
Ex-smoker	Int	

Never smoked	Int	
Smoking_Cigarettes_per_day	Int	Smoking Daily consumption/quantity (cigarettes) AIHW Meteor Reference http://meteor.aihw.gov.au/content/index.phtml/itemId/270332 Integer between 0 and 99
Smoking_number_of_years	Int	Smoking duration in years AIHW Meteor Reference http://meteor.aihw.gov.au/content/index.phtml/itemId/270330 Integer between 0 and 99
Smoking_quit_date	date	Quit Date for Ex-Smoker
Smoking_review_date	date	Date of last smoking review
Alcohol Drinker	integer	Alcohol Status (1 = Drinker, 2 = Non Drinker, 9 = Not Recorded)
Alcohol Non Drinker	integer	Alcohol Status (1 = Drinker, 2 = Non Drinker, 9 = Not Recorded)
Alcohol_consumption_frequency	string	Alcohol consumption frequency AIHW Meteor Reference http://meteor.aihw.gov.au/content/index.phtml/itemId/270247 01 Every day/7 days per week 02 5 to 6 days per week 03 3 to 4 days per week 04 1 to 2 days per week 05 2 to 3 days per month 06 Once per month 07 7 to 11 days in the past year 08 4 to 6 days in the past year 09 2 to 3 days in the past year 10 Once in the past year 11 Never drank any alcoholic beverage in the past year 12 Never in my life
Alcohol_consumption_amount	integer	Alcohol consumption in standard drinks per day AIHW Meteor reference http://meteor.aihw.gov.au/content/index.phtml/itemId/270249
Alcohol_review_date	date	Date of last alcohol review
Alcohol_binge_drinks	bool	True if the patient has more than 4 drinks on any occasion