



# Bp Premier nKPI and OSR Field Mappings

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**Product Name** Bp Premier

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## 1. Purpose

As part of the nKPI (National Key Performance Indicators) project, a utility will be supplied to participating health clinics to enable them to upload aggregated, deidentified patient information to the Federal Government's portal. This document provides detail on where in Bp Premier this information is sourced from.

## 2. Change Control

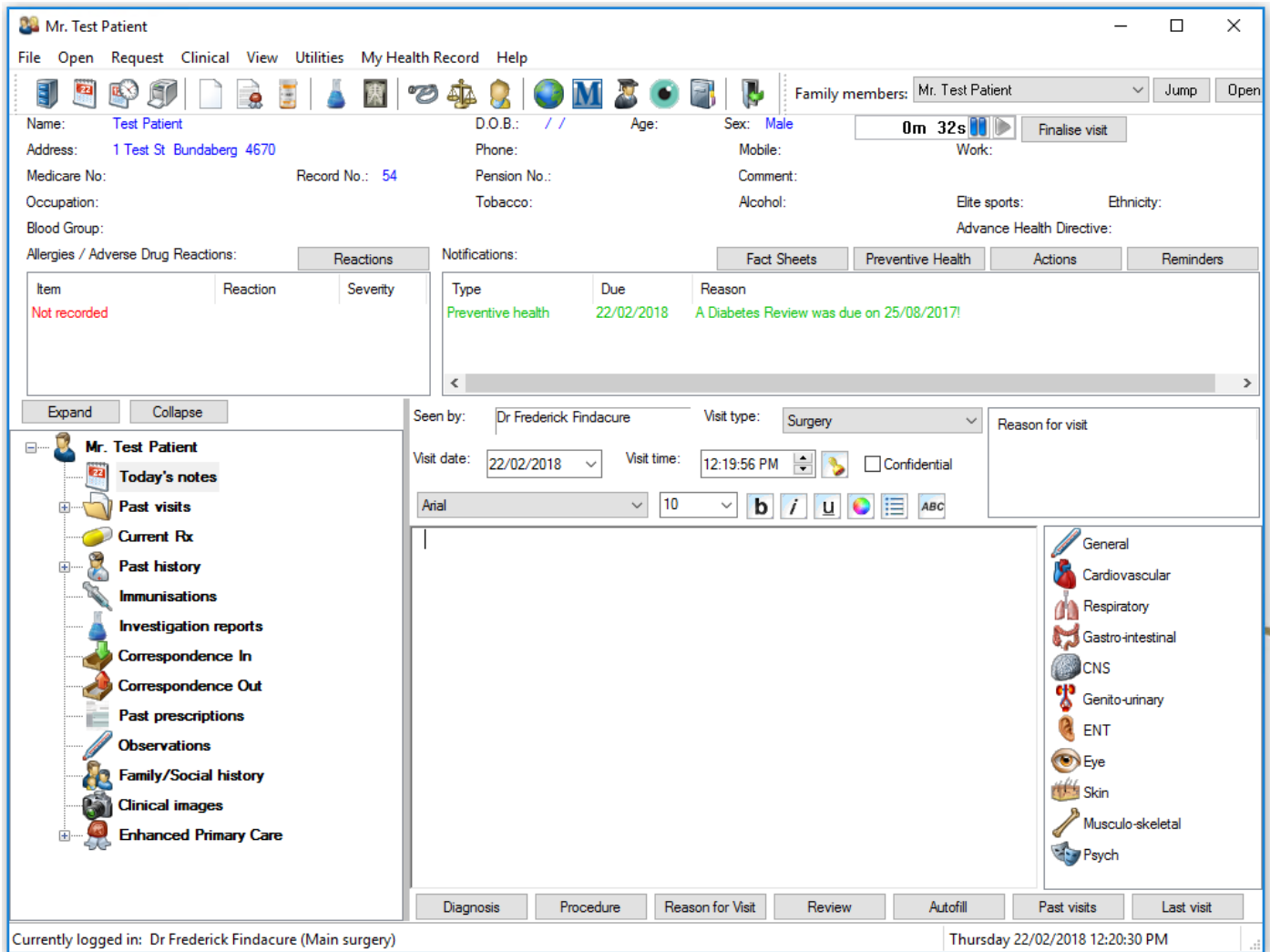
Date	Version	Change by	Reason
24/04/2018	V0.1	Thomas Clarke	Final development draft of document
05/05/2018	V0.2	Jessica White	Final customer facing review and update
15/05/2018	V0.3	Thomas Clarke	Include additional CVD term names
11/10/2018	V0.4	Thomas Clarke	Update OSR Measures to include new visit types referenced in DoH email
12/10/2018	V0.5	Thomas Clarke	Corrections to NKPI-21 to correct error with Low measures
15/10/2018	V0.6	Thomas Clarke	Corrections to NKPI-21 to correct other errors
03/07/2019	V0.7	Thomas Clarke	Update OSR-CS2 measures to correct error in Chiropractor location, add new Allied Health Other types and new Jade user groups
12/07/2019	V0.8	Thomas Clarke	Add Clinical Pharmacist user type to OSR-CS2
06/2023	V1.0	Jamie Atkinson	<p>Update document to reflect changes between 2019 and 2023:</p> <ul style="list-style-type: none"> <li>nKPI01 and nKPI02 updated criteria to have had at least one Visit in the last 12 months</li> <li>nKPI09 and nKPI10 updated to include 11-14 year old clients</li> <li>nKPI11 renamed to 'Smoking status of regular clients who gave birth within the previous 12 months with smoking status recorded during pregnancy' and updated the age disaggregation to 'less than 20 years', '20-34 years', '35 years and older' to align with P113</li> <li>nKPI13 renamed to 'Proportion of regular clients who gave birth within the previous 12 months who had their first antenatal visit within specified periods' and updated the disaggregation of gestation age at first visit to 'before 11 weeks gestation', '11 to 13 weeks', '14 to 19 weeks' and '20 weeks or later'</li> <li>nKPI24 updated the target blood pressure value to less than or equal to 140/90mmHG</li> <li>OSR CS3a changes for disaggregation of data by age and sex (in addition to existing ethnicity breakdown)</li> <li>nKPI12 renamed to 'Proportion of Indigenous Regular Clients who have a BMI result within specified categories' and BMI now broken down into 5 groups: underweight (&lt;18.50), normal weight (18.50–24.99), overweight (25.00–29.99),</li> </ul>

			<p>obese (<math>\geq 30</math>), and not calculated, with new codes. Denominated updated to 'every client within age and sex range' since there's a new category for 'not calculated' and age group aggregation of 18-24 years added</p> <ul style="list-style-type: none"> <li>nKPI18 age group 15-24 years updated to 18-24 years, indicator will now break down test type into 4 groups: both eGFR and ACR recorded, only eGFR result recorded, only ACR result recorded, and neither eGFR or ACR result recorded. Aggregation is now broken down into 3 groups: Type 2 diabetes, Cardiovascular disease (CVD), and CVD and/or Type 2 diabetes</li> <li>nKPI19A and nKPI19B are now retired and amalgamated into one measure nKPI19</li> <li>nKPI25 added with details and measures</li> </ul>
12/2023	V1.1	Aaron Lim	<p>nKPI25</p> <p>Updated search inclusions</p> <ul style="list-style-type: none"> <li>Chlamydia LOINC Codes</li> <li>Chlamydia Text Strings</li> <li>Gonorrhoea LOINC Codes</li> <li>Gonorrhoea Text Strings</li> </ul> <p>New search inclusions and exclusions</p> <ul style="list-style-type: none"> <li>Chlamydia Non-LOINC Codes</li> <li>Chlamydia LOINC Code Exclusions</li> <li>Gonorrhoea Non-LOINC Codes</li> <li>Chlamydia and Gonorrhoea LOINC Codes</li> <li>Chlamydia and Gonorrhoea Non-LOINC</li> <li>Antibody and Immunoglobulin Exclusions</li> </ul>

### 3. Regular Client

Most mappings in this document reference patients who are defined as *regular clients*. A *regular client* is a patient who exists in the practice database who has had three or more **visits** of type *Surgery, Home, Telehealth, RACF* or *Locum* recorded within the last 24 months.

A **visit** is recorded in the **Patient Clinical Record** when any information is saved against the patient, for example by filling out the **Today's Notes** section.



## 4. Mapping Details

### 4.1. NKPI-00 – Recording of sex/age for indigenous clients

The NKPI-00 element consists of four elements that each provide a count. In order to appear in the NKPI-00 element, the patient must meet the definition of *regular client*, have an **Ethnicity** of *Aboriginal but not Torres Strait Islander*, *Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*.

The screenshot shows the 'Edit patient' form with the following fields and values:

- Title: Mr.
- Family name: Patient
- Given name: Test
- Middle name:
- Preferred name: Test
- Date of Birth: 22/02/1980 (checked), Age: 38 yrs
- Sex: Male
- Ethnicity: Torres Strait Islander but not Aboriginal
- Address Line 1: 1 Test St
- Address Line 2:
- City/Suburb: Bundaberg, Postcode: 4670
- Postal Address:
- City/Suburb: , Postcode:
- Home phone: , Work phone: , Mobile phone: , Contact via:
- E-mail:
- General notes:
- Appointment notes:
- Health Identifier:
- HI Status:
- Medicare No.: , IRN: , Expiry:
- Pension/HCC No.: , Expiry: 22/02/2018
- Pension card type:
- DVA No.: , Conditions:
- Safety Net No.:
- Record No.: 54, Patient ID: 54
- Usual doctor:
- Deny access to other users:
- Usual visit type:
- Usual account: Practice fee
- Health Ins. Fund:
- Health Ins. No.: , Expiry: 23/05/2017 (checked)
- Religion:
- Head of family: Self (Set)
- Next of kin: (Set)
- Emergency contact: (Set)
- Occupation: (Set)
- Registered for CTG PBS Co-payment relief:
- Inactive:  Deceased:
- Date of death: 22/02/2018 (Cause)
- Buttons: Referral details, Bank account, Medicare/DVA eligibility check, Save, Cancel

\* These name fields are used for Health Identifier lookups.

Patients meeting these criteria are then added to one of the measures in the table below based on whether their **Sex** and **Date of Birth** are recorded in the system.

	<b>Sex not recorded</b>	<b>Sex recorded</b>
<b>Date of Birth not recorded</b>	NKPI-00001	NKPI-00002
<b>Date of Birth recorded</b>	NKPI-00003	NKPI-00004

#### 4.2. NKPI-01002 – recording of birth weight for Indigenous babies

The NKPI-01002 measure consists of a numerator and a denominator. In order to appear in the denominator for the NKPI-01002 measure, the Patient record must have a **Date of Birth** recorded within the previous twelve months, have had at least one **Visit** in the last 12 months and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*.

To appear in the numerator for this measure, the Patient record must also have an **Observation** of type *Weight* recorded on their **Date of Birth**.

The screenshot shows the 'Observations' window with the following fields and values:

Date:	22/02/2018		
Temp:			
Pulse:			
BP Sitting:		/	
BP Standing:		/	
BP Lying:		/	
Resp. rate:		O2 Sat.:	
Weight:	2.2	Height:	
Waist:		Hips:	
Chest (Insp.):		Chest (Exp.):	
BSL:			

Buttons: Save, Close



### 4.3. NKPI-02 – birth weight ranges for Indigenous babies

The NKPI-02 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-02 measures, the Patient record must have a **Date of Birth** recorded within the previous twelve months, have had at least one **Visit** in the last 12 months and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*. The Patient record must also have an **Observation** of type *Weight* recorded on their **Date of Birth**.

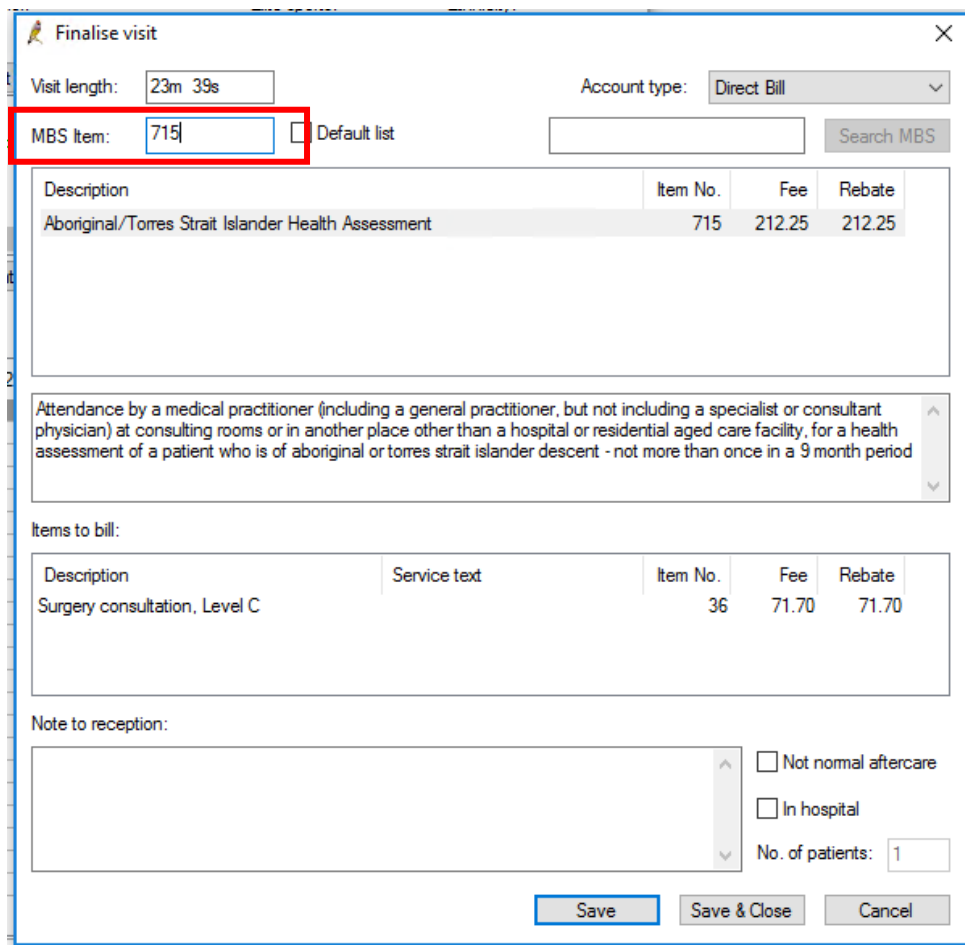
In order to appear in the numerator for a measure under the NKPI-02 element, the value recorded for the patient's **Weight Observation** (multiplied by 1000 in order to convert from kilograms to grams) should fall within the range specified for the measure in the below table:

	<b>Measure</b>
<b>Weight</b> <2500g	NKPI-02001
<b>Weight</b> >= 2500g - < 4500g	NKPI-02002
<b>Weight</b> >=4500g	NKPI-02003

#### 4.4. NKPI-03 – Patients of a given gender and age range claiming a Health Assessment

The NKPI-03 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-03 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*. The Patient must also have an **age** and **gender** as specified for the measure in the below table.

In order to appear in the numerator for a given measure, the patient must meet the conditions to appear in the denominator, as well as having a **Service** record for *MBS Item 715* or *228* for the in-person measure) or *MBS item 92004, 92016, 92011* or *92023* (for the Telehealth measures) with a **Service Date** within the previous 24 months (or 12 months for NKPI-03001).

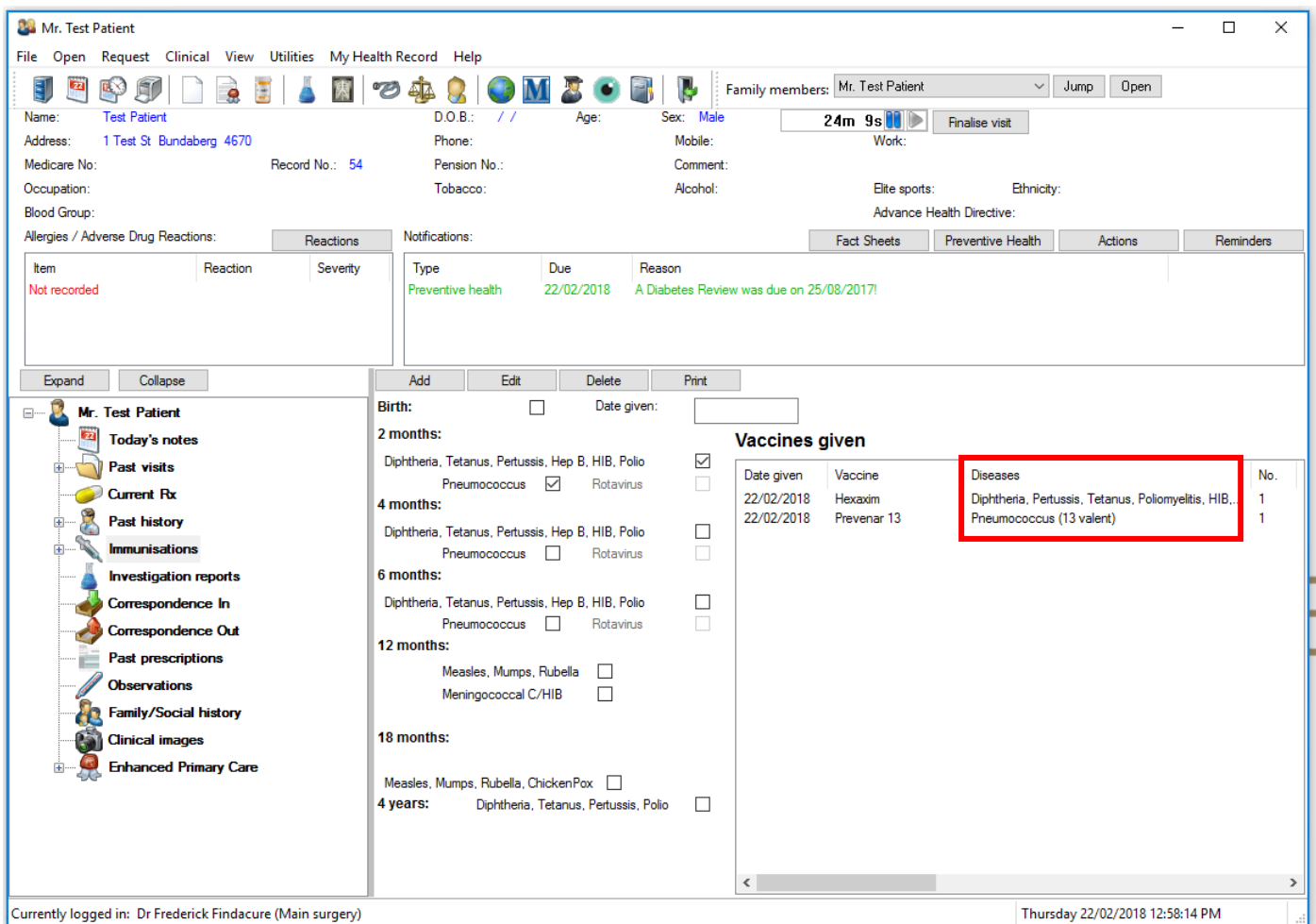


		Sex Male		Sex Female	
		In-person	Telehealth	In-person	Telehealth
<b>Assessment in previous 12 months</b>	<b>Age 0-4 years</b>	NKPI-03013	NKPI-03014	NKPI-03017	NKPI-03018
	<b>Age 5-14 years</b>	NKPI-03015	NKPI-03016	NKPI-03019	NKPI-03020
<b>Assessment in previous 24 months</b>	<b>Age 15-24 years</b>	NKPI-03021	NKPI-03022	NKPI-03028	NKPI-03029
	<b>Age 25-34 years</b>	NKPI-03002	NKPI-03023	NKPI-03008	NKPI-03030
	<b>Age 35-44 years</b>	NKPI-03003	NKPI-03024	NKPI-03009	NKPI-03031
	<b>Age 45-54 years</b>	NKPI-03004	NKPI-03025	NKPI-03010	NKPI-03032
	<b>Age 55-64 years</b>	NKPI-03005	NKPI-03026	NKPI-03011	NKPI-03033
	<b>Age 65+ years</b>	NKPI-03006	NKPI-03027	NKPI-03012	NKPI-03034

### 4.5. NKPI-04 – Indigenous Children of a given age range who are fully immunised

The NKPI-04 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-04 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*. The Patient must also be aged within the range specified in the below table.

In order to appear in the numerator for a measure, the patient must meet all criteria required to appear in the denominator, and must have at least the required number of **immunisation** records against each *disease* or group of *diseases* specified for the age range in the table.

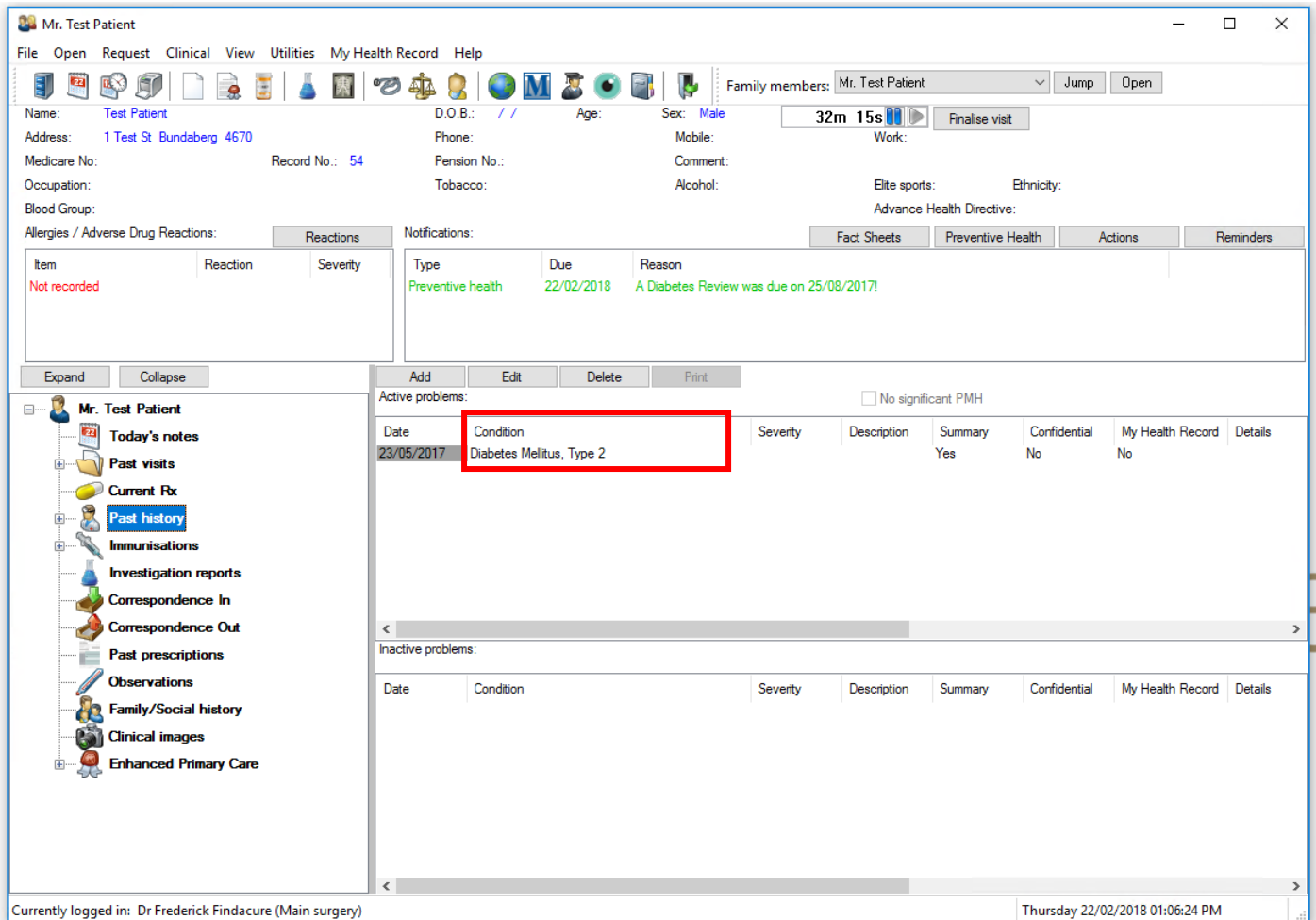


Date given	Vaccine	Diseases	No.
22/02/2018	Hexaxim	Diphtheria, Pertussis, Tetanus, Poliomyelitis, HiB...	1
22/02/2018	Prevenar 13	Pneumococcus (13 valent)	1

<b>Age 12 to 24 months</b> <b>Full Immunisation 3 doses DTPa, 3 doses Polio, 2 doses HiB and 2 doses Hep B</b>	NKPI-04001
<b>Age 24 to 36 months</b> <b>Full Immunisation 3 doses DTPa, 3 doses Polio, 3 doses HiB, 3 doses Hep B and 1 dose MMR</b>	NKPI-04002
<b>Age 60 to 72 months</b> <b>Full Immunisation 4 doses DTPa, 4 doses Polio, and 2 doses MMR</b>	NKPI-04003

#### 4.6. NKPI-05 – Clients with Type 2 Diabetes who have had a HbA1c test

The NKPI-05 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-05 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*. The Patient must also be aged within the range specified in the below table for the measure, and have a **Past History** record indicating diagnosis with *Type 2 Diabetes*<sup>1</sup>:



Mr. Test Patient

Name: Test Patient    D.O.B.:    Age:    Sex: Male    32m 15s    Finalise visit

Address: 1 Test St Bundaberg 4670    Phone:    Mobile:    Work:

Medicare No.:    Record No.: 54    Pension No.:    Comment:

Occupation:    Tobacco:    Alcohol:    Elite sports:    Ethnicity:

Blood Group:    Advance Health Directive:

Item	Reaction	Severity
Not recorded		

Type	Due	Reason
Preventive health	22/02/2018	A Diabetes Review was due on 25/08/2017!

Expand    Collapse

Mr. Test Patient

Today's notes

Past visits

Current Rx

Past history

Immunisations

Investigation reports

Correspondence In

Correspondence Out

Past prescriptions

Observations

Family/Social history

Clinical images

Enhanced Primary Care

Active problems:     No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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Currently logged in: Dr Frederick Findacure (Main surgery)    Thursday 22/02/2018 01:06:24 PM

In order to appear in the numerator for a measure, the patient must meet all criteria for the denominator, and must additionally have a HbA1c test recorded within the date range specified in the table below. These tests can be viewed in the **Atomised Values** screen within **Investigation Reports**.

Mr. Alan Abbott

Name: Alan Abbott D.O.B.: 30/06/2010 Age: 7 yrs Sex: Male 2m 32s Finalise visit

Address: 12 John St Woodlane 4035 Phone: 07 50505050 Mobile: 0427556232 Work: 07 50509999

Medicare No.: 4133180467 - 1 12/13 Record No.: 101 Pension No.: 123456789 Comment: On warfarin

Occupation: Tobacco: Alcohol: Elite sports: Yes Ethnicity: Aboriginal/Torres Strait Islander

Blood Group: Advance Health Directive:

Item	Reaction	Severity	Type	Due	Reason
House dust mite	Bronchospasm	Severe	Action	28/02/2012	Check TFTs
Trifle	Nausea	Severe	Action	23/05/2012	Follow-up referral
Aluminium Hydroxide					

Expand Collapse

Mr. Alan Abbott

- Today's notes
- Past visits
- Current Rx
- Past history
- Immunisations
- Investigation reports
- Correspondence In
- Correspondence Out
- Past prescriptions
- Observations
- Family/Social history
- Clinical images
- Enhanced Primary Care

Date	Test name	Checked by	Date checked	Action	Status	Comment
<input type="checkbox"/> 01/09/2006	ED-GLYCOSYLATED HB A1C	Dr Frederick Findacure	27/10/2011	Doctor to advise	/ /	Abnorma

Mr. Alan Abbott - Atomised result values

	01/09/2006	27/10/2011
Hb A1c	6.7	
HbA1C		6.7

Currently logged in: Dr Frederick Findacure (Main surgery) Thursday 22/02/2018 01:10:50 PM

	Sex Male	Sex Female	
Age 0-4 years	NKPI-05001	NKPI-05009	HbA1c test within previous 6 months
	NKPI-05017	NKPI-05025	HbA1c test within previous 12 months
Age 5-14 years	NKPI-05002	NKPI-05010	HbA1c test within previous 6 months
	NKPI-05018	NKPI-05026	HbA1c test within previous 12 months
Age 15-24 years	NKPI-05003	NKPI-05011	HbA1c test within previous 6 months
	NKPI-05019	NKPI-05027	HbA1c test within previous 12 months
Age 25-34 years	NKPI-05004	NKPI-05012	HbA1c test within previous 6 months
	NKPI-05020	NKPI-05028	HbA1c test within previous 12 months
Age 35-44 years	NKPI-05005	NKPI-05013	HbA1c test within previous 6 months
	NKPI-05021	NKPI-05029	HbA1c test within previous 12 months
Age 45-54 years	NKPI-05006	NKPI-05014	HbA1c test within previous 6 months
	NKPI-05022	NKPI-05030	HbA1c test within previous 12 months
Age 55-64 years	NKPI-05007	NKPI-05015	HbA1c test within previous 6 months
	NKPI-05023	NKPI-05031	HbA1c test within previous 12 months
Age 65+ years	NKPI-05008	NKPI-05016	HbA1c test within previous 6 months
	NKPI-05024	NKPI-05032	HbA1c test within previous 12 months

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

#### 4.7. NKPI-06 – Clients with Type 2 Diabetes who have had a HbA1c test with a given result

The NKPI-06 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-06 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, and have a **Past History** record indicating diagnosis with *Type 2 Diabetes*<sup>1</sup>. The patient must also have had a HbA1c test within the date range specified in the table below. These tests can be viewed in the **Atomised Values** screen within **Investigation Reports**.

In order to appear in the numerator for a measure, the patient's most recent HbA1c result must be within the range specified for the measure in the below tables.

##### 4.7.1. Test within previous 6 months

	Sex Male	Sex Female	
Age 0-4 years	NKPI-06001	NKPI-06009	HbA1c result <= 7%
	NKPI-06017	NKPI-06025	HbA1c result > 7% - <= 8%
	NKPI-06033	NKPI-06041	HbA1c result > 8% - <= 10%
	NKPI-06049	NKPI-06057	HbA1c result > 10%
Age 5-14 years	NKPI-06002	NKPI-06010	HbA1c result <= 7%
	NKPI-06018	NKPI-06026	HbA1c result > 7% - <= 8%
	NKPI-06034	NKPI-06042	HbA1c result > 8% - <= 10%
	NKPI-06050	NKPI-06058	HbA1c result > 10%

<b>Age 15-24 years</b>	NKPI-06003	NKPI-06011	<b>HbA1c result &lt;= 7%</b>
	NKPI-06019	NKPI-06027	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06035	NKPI-06043	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06051	NKPI-06059	<b>HbA1c result &gt; 10%</b>
<b>Age 25-34 years</b>	NKPI-06004	NKPI-06012	<b>HbA1c result &lt;= 7%</b>
	NKPI-06020	NKPI-06028	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06036	NKPI-06044	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06052	NKPI-06060	<b>HbA1c result &gt; 10%</b>
<b>Age 35-44 years</b>	NKPI-06005	NKPI-06013	<b>HbA1c result &lt;= 7%</b>
	NKPI-06021	NKPI-06029	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06037	NKPI-06045	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06053	NKPI-06061	<b>HbA1c result &gt; 10%</b>
<b>Age 45-54 years</b>	NKPI-06006	NKPI-06014	<b>HbA1c result &lt;= 7%</b>
	NKPI-06022	NKPI-06030	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06038	NKPI-06046	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06054	NKPI-06062	<b>HbA1c result &gt; 10%</b>
<b>Age 55-64 years</b>	NKPI-06007	NKPI-06015	<b>HbA1c result &lt;= 7%</b>
	NKPI-06023	NKPI-06031	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06039	NKPI-06057	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06055	NKPI-06063	<b>HbA1c result &gt; 10%</b>
<b>Age 65+ years</b>	NKPI-06008	NKPI-06016	<b>HbA1c result &lt;= 7%</b>
	NKPI-06024	NKPI-06032	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06040	NKPI-06048	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06056	NKPI-06064	<b>HbA1c result &gt; 10%</b>

#### 4.7.2. Test within previous 12 months

	<b>Sex Male</b>	<b>Sex Female</b>	
<b>Age 0-4 years</b>	NKPI-06065	NKPI-06073	<b>HbA1c result &lt;= 7%</b>
	NKPI-06081	NKPI-06089	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06097	NKPI-06105	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06113	NKPI-06121	<b>HbA1c result &gt; 10%</b>
<b>Age 5-14 years</b>	NKPI-06066	NKPI-06074	<b>HbA1c result &lt;= 7%</b>
	NKPI-06082	NKPI-06090	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06098	NKPI-06106	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06114	NKPI-06122	<b>HbA1c result &gt; 10%</b>
<b>Age 15-24 years</b>	NKPI-06067	NKPI-06075	<b>HbA1c result &lt;= 7%</b>
	NKPI-06083	NKPI-06091	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06099	NKPI-06107	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06115	NKPI-06123	<b>HbA1c result &gt; 10%</b>
<b>Age 25-34 years</b>	NKPI-06068	NKPI-06076	<b>HbA1c result &lt;= 7%</b>
	NKPI-06084	NKPI-06092	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06100	NKPI-06108	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06116	NKPI-06124	<b>HbA1c result &gt; 10%</b>
<b>Age 35-44 years</b>	NKPI-06069	NKPI-06077	<b>HbA1c result &lt;= 7%</b>
	NKPI-06085	NKPI-06093	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06101	NKPI-06109	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06117	NKPI-06125	<b>HbA1c result &gt; 10%</b>
<b>Age 45-54 years</b>	NKPI-06070	NKPI-06078	<b>HbA1c result &lt;= 7%</b>
	NKPI-06086	NKPI-06094	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06102	NKPI-06110	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06118	NKPI-06126	<b>HbA1c result &gt; 10%</b>
<b>Age 55-64 years</b>	NKPI-06071	NKPI-06079	<b>HbA1c result &lt;= 7%</b>
	NKPI-06087	NKPI-06095	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06103	NKPI-06111	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06119	NKPI-06127	<b>HbA1c result &gt; 10%</b>

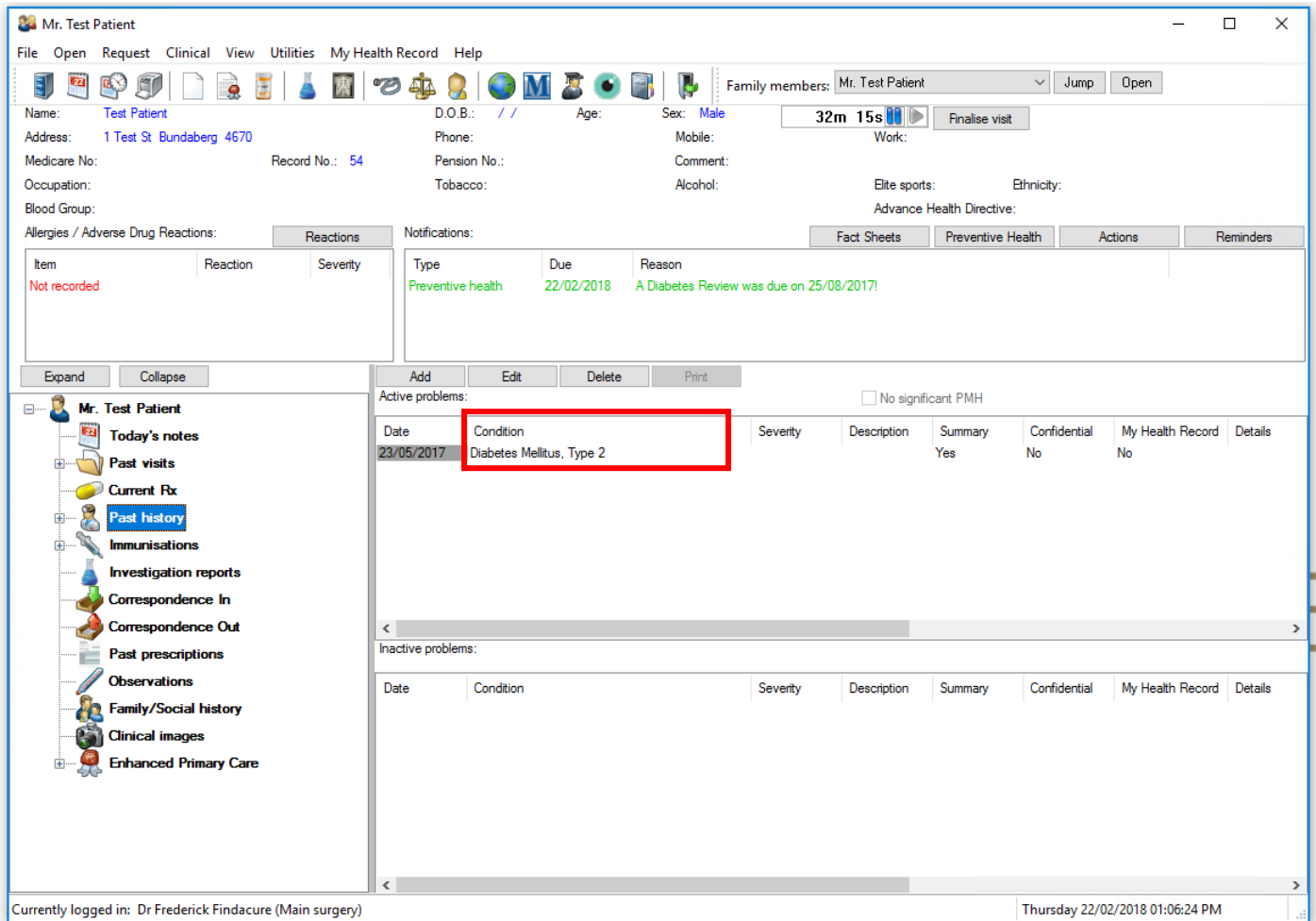
<b>Age 65+ years</b>	NKPI-06072	NKPI-06080	<b>HbA1c result &lt;= 7%</b>
	NKPI-06088	NKPI-06096	<b>HbA1c result &gt; 7% - &lt;= 8%</b>
	NKPI-06104	NKPI-06112	<b>HbA1c result &gt; 8% - &lt;= 10%</b>
	NKPI-06120	NKPI-06128	<b>HbA1c result &gt; 10%</b>

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus



#### 4.8. NKPI-07 – Clients with a given condition claiming GP Management Plan

The NKPI-07 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-07 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, have the gender specified against the measure in the table below and have a **Past History** record matching the condition identified in the table below.



The screenshot displays the patient record for Mr. Test Patient. The interface includes a menu bar, a toolbar, and a main content area. The patient's details are as follows:

- Name: Test Patient
- Address: 1 Test St Bundaberg 4670
- Medicare No.: Record No.: 54
- Occupation: Tobacco: Alcohol: Elite sports: Ethnicity: Advance Health Directive:
- Age: 32m 15s
- Sex: Male

The 'Past history' section is highlighted with a red box, showing the following condition:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Currently logged in: Dr Frederick Findacure (Main surgery) Thursday 22/02/2018 01:06:24 PM

In order to appear in the numerator for a given measure, the patient must meet the conditions to appear in the denominator, as well as having a **Service** record for *MBS Item 721 or 229* (for in-person measures) or *MBS Item 92004, 92068, 92055 or 92099* (for Telehealth measures) with a **Service Date** within the previous 24 months.

**Finalise visit**

Visit length:  Account type:

MBS Item:   Default list

Description	Item No.	Fee	Rebate
GP management plan	721	144.25	144.25

Attendance by a medical practitioner (including a general practitioner, but not including a specialist or consultant physician) for the preparation of a gp management plan (gpmp) for a patient (not being a service associated with a service to which items 735 to 758 apply).this cdm service is for a patient who has at least one medical condition that:(a) has been (or is likely to be) present for at least six months; or(b) is terminal.a rebate will not be paid within

Items to bill:

Description	Service text	Item No.	Fee	Rebate
Surgery consultation, Level D		44	105.55	105.55

Note to reception:

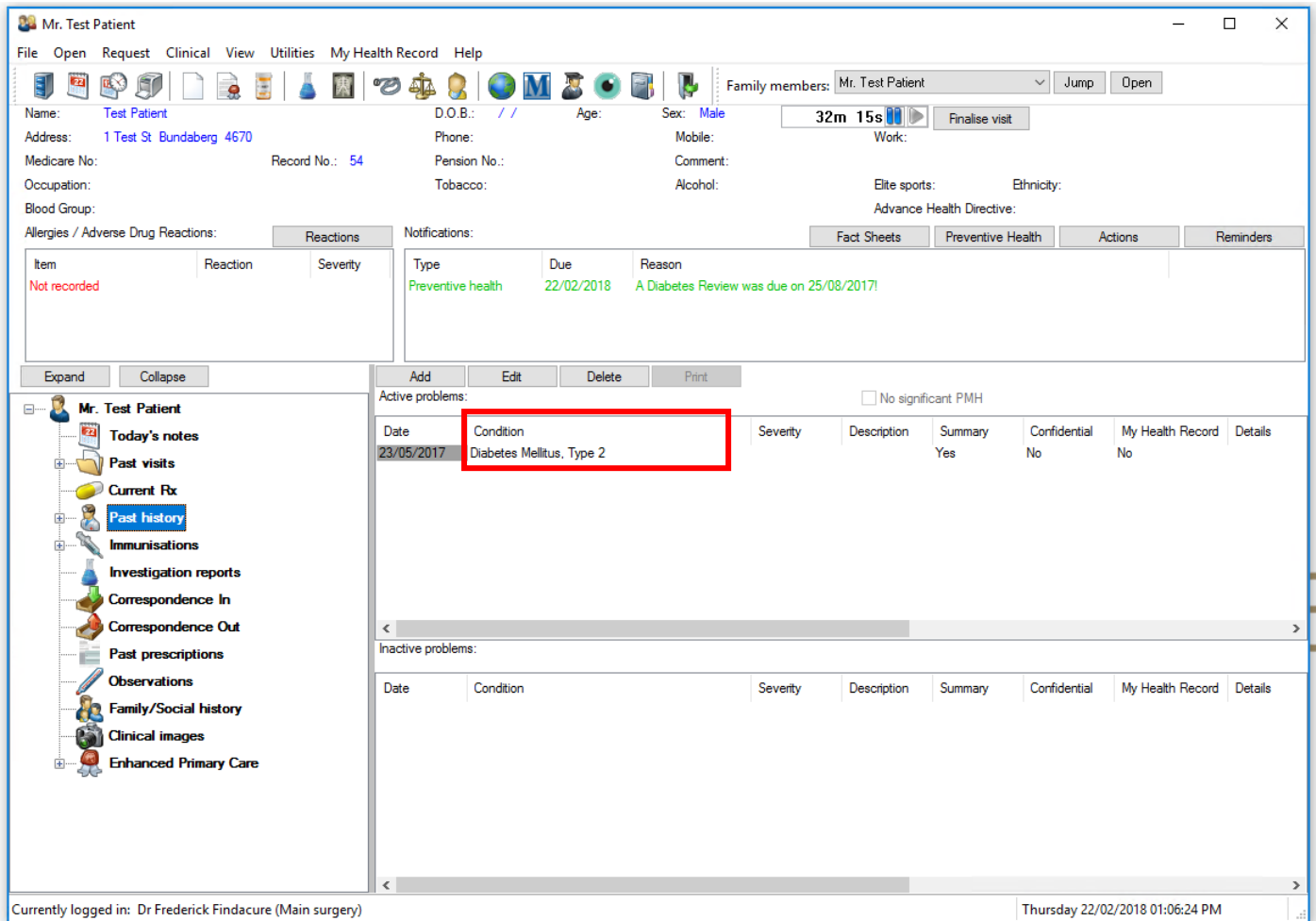
Not normal aftercare  
 In hospital  
No. of patients:

	Sex Male		Sex Female		Condition
	In-person	Telehealth	In-person	Telehealth	
Age 0-4 years	NKPI-07001	NKPI-07017	NKPI-07009	NKPI-07025	Type 2 Diabetes <sup>1</sup>
Age 5-14 years	NKPI-07002	NKPI-07018	NKPI-07010	NKPI-07026	Type 2 Diabetes <sup>1</sup>
Age 15-24 years	NKPI-07003	NKPI-07019	NKPI-07011	NKPI-07027	Type 2 Diabetes <sup>1</sup>
Age 25-34 years	NKPI-07004	NKPI-07020	NKPI-07012	NKPI-07028	Type 2 Diabetes <sup>1</sup>
Age 35-44 years	NKPI-07005	NKPI-07021	NKPI-07013	NKPI-07029	Type 2 Diabetes <sup>1</sup>
Age 45-54 years	NKPI-07006	NKPI-07022	NKPI-07014	NKPI-07030	Type 2 Diabetes <sup>1</sup>
Age 55-64 years	NKPI-07007	NKPI-07023	NKPI-07015	NKPI-07031	Type 2 Diabetes <sup>1</sup>
Age 65+ years	NKPI-07008	NKPI-07024	NKPI-07016	NKPI-07032	Type 2 Diabetes <sup>1</sup>

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

#### 4.9. NKPI-08 – Clients with a given condition claiming MBS Item 723

The NKPI-08 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-08 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, have the gender specified against the measure in the table below and have a **Past History** record matching the condition identified in the table below.



The screenshot displays the patient record for Mr. Test Patient. The interface includes a menu bar (File, Open, Request, Clinical, View, Utilities, My Health Record, Help) and a toolbar. Patient details are shown at the top, including Name, Address, Medicare No., Record No., Pension No., Occupation, Blood Group, Allergies, Reactions, Notifications, and Family members. The 'Past history' section is expanded, showing a table of active problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

The 'Condition' column in the table above is highlighted with a red box. The interface also shows a sidebar with navigation options like 'Today's notes', 'Past visits', 'Current Rx', 'Past history', 'Immunisations', etc. The status bar at the bottom indicates the user is logged in as Dr. Frederick Findacure (Main surgery) on Thursday, 22/02/2018 at 01:06:24 PM.

In order to appear in the numerator for a given measure, the patient must meet the conditions to appear in the denominator, as well as having a **Service** record for *MBS Item 723* with a **Service Date** within the previous 24 months.

**Finalise visit**

Visit length: 2h 0m 48s      Account type: Direct Bill

MBS Item: 723       Default list      Search MBS

Description	Item No.	Fee	Rebate
Team care arrangement	723	114.30	114.30

Attendance by a medical practitioner (including a general practitioner, but not including a specialist or consultant physician) to coordinate the development of team care arrangements (tcas) for a patient (not being a service associated with a service to which items 735 to 758 apply).this cdm service is for a patient who:(a) has at least one medical condition that:i. has been (or is likely to be) present for at least six months; orii. is terminal; and (b) requires

Items to bill:

Description	Service text	Item No.	Fee	Rebate
Surgery consultation, Level D		44	105.55	105.55

Note to reception:

Not normal aftercare  
 In hospital  
No. of patients: 1

Save      Save & Close      Cancel

	Sex Male	Sex Female	Condition
Age 0-4 years	NKPI-08001	NKPI-08009	Condition Type 2 Diabetes <sup>1</sup>
	NKPI-08017	NKPI-08025	Condition Cardiovascular Disease <sup>2</sup>
	NKPI-08033	NKPI-08041	Condition COPD <sup>3</sup>
	NKPI-08049	NKPI-08057	Condition CKD <sup>4</sup>
Age 5-14 years	NKPI-08002	NKPI-08010	Condition Type 2 Diabetes <sup>1</sup>
	NKPI-08018	NKPI-08026	Condition Cardiovascular Disease <sup>2</sup>
	NKPI-08034	NKPI-08042	Condition COPD <sup>3</sup>
	NKPI-08050	NKPI-08058	Condition CKD <sup>4</sup>
Age 15-24 years	NKPI-08003	NKPI-08011	Condition Type 2 Diabetes <sup>1</sup>
	NKPI-08019	NKPI-08027	Condition Cardiovascular Disease <sup>2</sup>
	NKPI-08035	NKPI-08043	Condition COPD <sup>3</sup>
	NKPI-08051	NKPI-08059	Condition CKD <sup>4</sup>
Age 25-34 years	NKPI-08004	NKPI-08012	Condition Type 2 Diabetes <sup>1</sup>
	NKPI-08020	NKPI-08028	Condition Cardiovascular Disease <sup>2</sup>
	NKPI-08036	NKPI-08044	Condition COPD <sup>3</sup>
	NKPI-08052	NKPI-08060	Condition CKD <sup>4</sup>
Age 35-44 years	NKPI-08005	NKPI-08013	Condition Type 2 Diabetes <sup>1</sup>
	NKPI-08021	NKPI-08029	Condition Cardiovascular Disease <sup>2</sup>
	NKPI-08037	NKPI-08045	Condition COPD <sup>3</sup>
	NKPI-08053	NKPI-08061	Condition CKD <sup>4</sup>
Age 45-54 years	NKPI-08006	NKPI-08014	Condition Type 2 Diabetes <sup>1</sup>

	NKPI-08022	NKPI-08030	<b>Condition Cardiovascular Disease<sup>2</sup></b>
	NKPI-08038	NKPI-08046	<b>Condition COPD<sup>3</sup></b>
	NKPI-08054	NKPI-08062	<b>Condition CKD<sup>4</sup></b>
<b>Age 55-64 years</b>	NKPI-08007	NKPI-08015	<b>Condition Type 2 Diabetes<sup>1</sup></b>
	NKPI-08023	NKPI-08031	<b>Condition Cardiovascular Disease<sup>2</sup></b>
	NKPI-08039	NKPI-08047	<b>Condition COPD<sup>3</sup></b>
	NKPI-08055	NKPI-08063	<b>Condition CKD<sup>4</sup></b>
<b>Age 65+ years</b>	NKPI-08008	NKPI-08016	<b>Condition Type 2 Diabetes<sup>1</sup></b>
	NKPI-08024	NKPI-08032	<b>Condition Cardiovascular Disease<sup>2</sup></b>
	NKPI-08040	NKPI-08048	<b>Condition COPD<sup>3</sup></b>
	NKPI-08056	NKPI-08064	<b>Condition CKD<sup>4</sup></b>

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

<sup>2</sup>Cardiovascular Disease includes the following term names within Past History: Abnormal heart chamber dimensions; Accessory atrioventricular pathways; Acute cardiac failure; Acute coronary insufficiency; Acute heart failure; Acute myocardial infarction; AF; Alcoholic cardiomyopathy; AML; Amyloid cardiomyopathy; Angina pectoris; Angina, unstable; Angina; Angioplasty, coronary; Anterior myocardial infarct; Anterolateral myocardial infarct; Arrhythmia, atrial fibrillation; Arrhythmia, atrial flutter; Arrhythmia, bradycardia; Arrhythmia, nodal tachycardia; Arrhythmia, SVT; Arrhythmia, tachycardia; Arrhythmia, ventricular fibrillation; Arrhythmia, ventricular tachycardia; Atrial fibrillation; Atrial flutter; Atrial tachycardia; Atrio-Ventricular Block; Autosomal recessive long QT syndrome; AV Block; Balloon coronary angioplasty; Bigeminy; Biventricular heart failure; Bradyarrhythmia; Bradycardia; Broken heart syndrome; CABG; Cardiac bradyarrhythmia; Cardiac failure, acute; Cardiac failure; Cardioauditory syndrome; Cardiocutaneous syndrome; Cardiofaciocutaneous syndrome; Cardiogenic shock; Cardiomegaly; Cardiomyopathic lentiginosis; Cardiomyopathy, alcoholic; Cardiomyopathy, amyloid; Cardiomyopathy, congenital; Cardiomyopathy, congestive; Cardiomyopathy, dilated; Cardiomyopathy, haemochromatosis; Cardiomyopathy, hypertensive; Cardiomyopathy, hypertrophic; Cardiomyopathy, idiopathic; Cardiomyopathy, ischaemic; Cardiomyopathy, peripartum; Cardiomyopathy, restrictive; Cardiomyopathy, selenium deficiency; Cardiomyopathy; Cardiovascular disease; Cardioversion - failed; Cardioversion, elective; Cardioversion; Care plan, chronic heart disease; CCF; Chronic heart disease care plan review; Chronic heart disease care plan; Collapse; Complete heart block; Congenital cardiomyopathy; Congenital heart block; Congenital heart defect; Congenital heart disease; Congestive cardiac failure; Congestive cardiomyopathy; Congestive heart failure; Cor pulmonale; Cor Triatriatum; Coronary angioplasty with stent; Coronary angioplasty; Coronary artery bypass graft; Coronary artery disease; Coronary artery endarterectomy; Coronary artery spasm; Coronary artery stent; Coronary endarterectomy; Coronary heart disease; Coronary insufficiency; Coronary occlusion; Cyanotic heart disease; Diastolic cardiac dysfunction; Diastolic heart failure; Dilated cardiomyopathy; Dressler's syndrome; Ectopics, ventricular; Elective cardioversion; Fibrillation, atrial; Fibrillation, ventricular; First degree heart block; Haemochromatosis cardiomyopathy; Heart attack; Heart block, congenital; Heart block, first degree; Heart block, second degree; Heart block, third degree; Heart block; Heart disease, valvular; Heart disease; Heart enlarged; Heart failure - mid range ejection fraction; Heart failure - preserved ejection fraction; Heart failure - reduced ejection fraction; Heart failure, acute; Heart failure, high output; Heart failure, left; Heart failure; Heart sounds - Split; Heart sounds - Triple rhythm; Heart surgery; Heart transplant; Heart valve replacement; HFmrEF; HFpEF; HFrEF; High output cardiac failure; High output heart failure; Hypertensive cardiomyopathy; Hypertensive heart disease; Hypertensive heart failure; Hypertrophic cardiomyopathy; Hypoplastic left heart syndrome; Idiopathic cardiomyopathy; IHD; Inferior myocardial infarction; Intraventricular Block; Intraventricular Heart Block; Ischaemic cardiomyopathy; Ischaemic heart disease; Jervell and Lange-Nielsen syndrome; Keshan disease; Left heart failure; Left Ventricular Failure; LEOPARD syndrome; LHF; LVF; MI; Mobitz type 1 A-V Block; Mobitz type 2 A-V Block; Multiple lentiginosis syndrome; Myocardial infarction, anterior; Myocardial infarction, anterolateral; Myocardial infarction, inferior; Myocardial infarction, Non STEMI; Myocardial infarction, posterior; Myocardial infarction, STEMI; Myocardial infarction, subendocardial; Myocardial infarction, superior; Myocardial infarction; Neurocardiogenic syncope; Nodal tachycardia; Non ST elevation myocardial infarction; NSTEMI; Occlusion, Coronary artery; Open heart surgery; Organic Heart Disease; PCTA; Percutaneous transluminal angioplasty; Percutaneous transluminal coronary angioplasty; Peripartum cardiomyopathy; Post streptococcal heart disease; Post streptococcal valve disease; Postcardiotomy syndrome; Posterior myocardial infarct; Postmyocardial infarction syndrome; Postpericardiotomy

syndrome; Preexcitation syndrome; Preinfarction syndrome; Premature ventricular contractions; Prinzmetal angina; Progressive cardiomyopathic lentiginosis; Prosthetic heart valve endocarditis; Prosthetic heart valve; Rapid AF; Rapid atrial fibrillation; Rapid pulse; Restrictive cardiomyopathy; Rheumatic heart disease; Rheumatic myocarditis; Rheumatic pancarditis; Rheumatic valve disease; RHF; Right heart failure; Right ventricular failure; RVF; Second degree heart block; Shock, cardiogenic; Sick sinus syndrome; Sino-Atrial heart block; Sinus node dysfunction; Split heart sounds; ST elevation myocardial infarction; STEMI; Stent, coronary artery; Stress-induced cardiomyopathy; Subendocardial infarct; Subendocardial myocardial infarct; Superior myocardial infarct; Supraventricular tachycardia; Surdocardiac syndrome; SVT; Syncope, vasovagal; Systolic cardiac dysfunction; Systolic heart failure; Tachycardia, nodal; Tachycardia, supraventricular; Tachycardia, ventricular; Tachycardia; Takotsubo cardiomyopathy; Third degree heart block; Transient apical ballooning; Transplant, heart; Triatrial heart; Triple rhythm heart sounds; Unstable angina; Valvular disease of heart; Valvular heart disease; Variant angina; Vasovagal attack; Vasovagal syncope; Ventricular bigeminy; Ventricular diastolic dysfunction; Ventricular ectopics; Ventricular extrasystoles; Ventricular fibrillation; Ventricular tachycardia; VF; VT; Wenkebach phenomenon; Wolff Parkinson White syndrome; WPW;

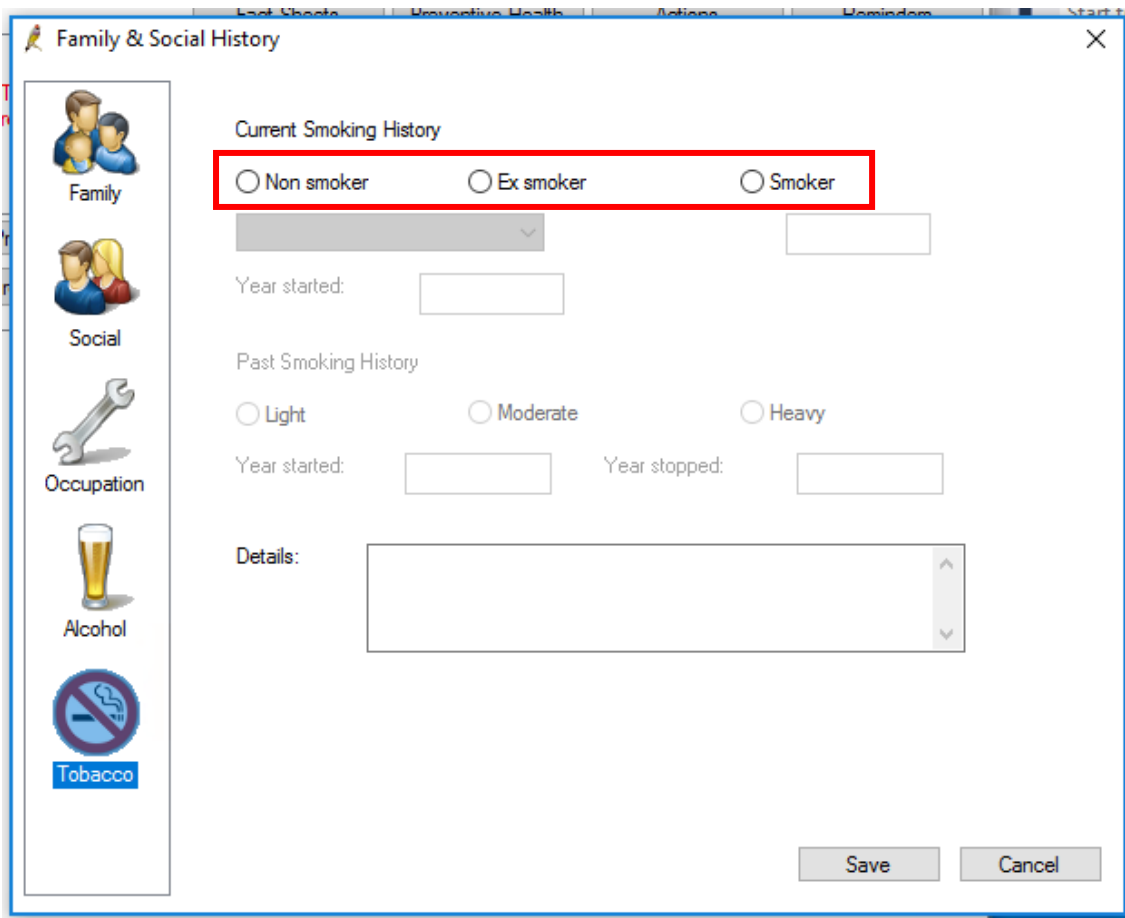
<sup>3</sup>COPD includes the following term names within Past History: Chronic bronchitis; Chronic Obstructive Airways Disease; Chronic Obstructive Pulmonary Disease; COAD; COPD; COPD, Infective exacerbation; Emphysema; Bronchitis, chronic; COAD, Infective exacerbation; Infective exacerbation of COAD; Infective exacerbation of COPD; Acute exacerbation of COPD

<sup>4</sup>CKD includes the following term names within Past History: Chronic renal failure; Kidney failure, chronic; Renal failure, chronic; Chronic Kidney Disease; Chronic Kidney Disease, Stage 1; Chronic Kidney Disease, Stage 2; Chronic Kidney Disease, Stage 3; Chronic Kidney Disease, Stage 4; Chronic Kidney Disease, Stage 5; Chronic Kidney Disease, Stage 3a; Chronic Kidney Disease, Stage 3b

#### 4.10. NKPI-09 – Clients with a smoking status recorded

The NKPI-09 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-09 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure and have the gender specified against the measure in the table below.

In order to appear in the numerator field, the patient must meet the criteria to appear in the denominator field, and have a **Smoking Status** recorded in the **Smoking** screen:



The screenshot shows the 'Family & Social History' window. On the left is a navigation pane with icons for Family, Social, Occupation, Alcohol, and Tobacco. The main area is titled 'Current Smoking History' and contains three radio buttons: 'Non smoker', 'Ex smoker', and 'Smoker'. These three options are enclosed in a red rectangular box. Below the radio buttons is a dropdown menu and a text input field. Further down is the 'Past Smoking History' section with radio buttons for 'Light', 'Moderate', and 'Heavy', followed by 'Year started' and 'Year stopped' text input fields. At the bottom is a 'Details' text area with a scroll bar. 'Save' and 'Cancel' buttons are at the bottom right.

	<b>Sex Male</b>	<b>Sex Female</b>
<b>Age 11-14 years</b>	NKPI-09041	NKPI-09051
<b>Age 15-24 years</b>	NKPI-09001	NKPI-09007
<b>Age 25-34 years</b>	NKPI-09002	NKPI-09008
<b>Age 35-44 years</b>	NKPI-09003	NKPI-09009
<b>Age 45-54 years</b>	NKPI-09004	NKPI-09010
<b>Age 55-64 years</b>	NKPI-09005	NKPI-09011
<b>Age 65+ years</b>	NKPI-09006	NKPI-09012

#### 4.11. NKPI-10 – Clients with a specified smoking status

The NKPI-10 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-10 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, have the gender specified against the measure in the table below, and have a **Smoking Status** recorded in the **Smoking** screen:

In order to appear in the numerator field, the patient must meet the criteria to appear in the denominator field, and have the **smoking status** beside the measure in the table below:

	<b>Sex Male</b>	<b>Sex Female</b>	
<b>Age 11-14 years</b>	NKPI-10041	NKPI-10051	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10042	NKPI-10052	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10043	NKPI-10053	<b>Smoking Status</b> <i>Non smoker</i>
<b>Age 15-24 years</b>	NKPI-10001	NKPI-10019	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10007	NKPI-10025	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10013	NKPI-10031	<b>Smoking Status</b> <i>Non smoker</i>
<b>Age 25-34 years</b>	NKPI-10002	NKPI-10020	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10008	NKPI-10026	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10014	NKPI-10032	<b>Smoking Status</b> <i>Non smoker</i>
<b>Age 35-44 years</b>	NKPI-10003	NKPI-10021	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10009	NKPI-10027	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10015	NKPI-10033	<b>Smoking Status</b> <i>Non smoker</i>
<b>Age 45-54 years</b>	NKPI-10004	NKPI-10022	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10010	NKPI-10028	<b>Smoking Status</b> <i>Ex smoker</i>



	NKPI-10016	NKPI-10034	<b>Smoking Status</b> <i>Non smoker</i>
<b>Age 55-64 years</b>	NKPI-10005	NKPI-10023	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10011	NKPI-10029	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10017	NKPI-10035	<b>Smoking Status</b> <i>Non smoker</i>
<b>Age 65+ years</b>	NKPI-10006	NKPI-10024	<b>Smoking Status</b> <i>Current smoker</i>
	NKPI-10012	NKPI-10030	<b>Smoking Status</b> <i>Ex smoker</i>
	NKPI-10018	NKPI-10036	<b>Smoking Status</b> <i>Non smoker</i>

#### 4.12. NKPI-11 – Smoking status of regular clients who gave birth within the previous 12 months with smoking status recorded during pregnancy

The NKPI-11 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-11 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, have a **Smoking Status** recorded in the **Smoking** screen, and have a **Birth** recorded within the previous 12 months:

The screenshot shows the 'Family & Social History' window with the following elements:

- Current Smoking History:** Three radio buttons labeled 'Non smoker', 'Ex smoker', and 'Smoker' are highlighted with a red rectangular box.
- Year started:** A text input field below the radio buttons.
- Past Smoking History:** Three radio buttons labeled 'Light', 'Moderate', and 'Heavy'.
- Year started:** A text input field.
- Year stopped:** A text input field.
- Details:** A large text area for additional information.
- Navigation:** 'Save' and 'Cancel' buttons at the bottom right.
- Left Panel:** A vertical sidebar with icons and labels for 'Family', 'Social', 'Occupation', 'Alcohol', and 'Tobacco'.

Mrs. Madeline Jane Abbott

File Open Request Clinical View Utilities My Health Record Help

Name: Madeline Abbott D.O.B.: 14/02/1978 Age: 40 yrs Sex: Female 0m 12s Finalise visit

Address: 12 John St Albany Creek 4035 Phone: 07 50505050 Mobile: 09789751131 Work:

Medicare No: 4133180467 - 2 12/08 Record No.: 102 Pension No.: Comment:

Occupation: Tobacco: Parity: G2P2 Pregnant: No Alcohol: Elite sports: Ethnicity:

Blood Group: BreastFeeding: Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions: Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Reminder due	20/05/2011	Fluvax Immunisation
			Reminder due	21/11/2011	Care plan
			Outstanding requests	06/05/2004	There are 3 outstanding requests for this patient!
			Preventive health	23/02/2018	There are no recorded pap smears within the last 2 years!
			Preventive health	23/02/2018	A smoking history should be recorded!

Expand Collapse

Mrs. Madeline Jane Abbott

Today's notes

Past visits

Current Rx

Past history

Immunisations

Investigation reports

Correspondence In

Correspondence Out

Past prescriptions

Observations

Family/Social history

Clinical images

Obstetric history

Cervical smears

Enhanced Primary Care

Pregnancies:

No.	LMP	Ended	Weeks	Outcome	Deliv
1	21/05/2003	25/02/2004	39	Live birth	Norm

Pregnancy details:

Stage 1: 8 hrs  
Stage 2: 1hr  
Stage 3: 7 min  
Feeding: Breast  
Other notes: suture 4/0 Dexon  
Outcome: Normal vaginal delivery

Antenatal visits:

Date	Weight	BP	Urine	Oedema	Calc. size	Clin. size	Fundus	FH	Notes
09/07/2003	55.0	125/85	NAD	Nil	6	6	0		
09/08/2003	58.0	120/78	NAD	Nil	10	10	0		Nausea ++
06/09/2003	59.8	130/82	NAD	Nil	14	14	10		
30/09/2003	60.5	132/85	NAD	Nil	18	20	12	160	
12/11/2003	60.9	135/88	NAD	Nil	24	25	14	158	
13/12/2003	61.2	135/90	nad		28	28	19	146	
27/12/2003	63.0	132/85	TRACE PROT...	+	30	30	23	148	
10/01/2004	64.5	138/88	+ PROTEIN	+	32	32	25	140	
25/01/2004	67.0	140/90	TRACE PROT...	+	34	34	28	146	Presentation: Breech
07/02/2004	68.2	135/88	TRACE PROT...	+	36	36	36	138	Presentation: Breech
21/02/2004	69.3	132/75	TRACE PROT...		38	39	34	134	Presentation: Transverse

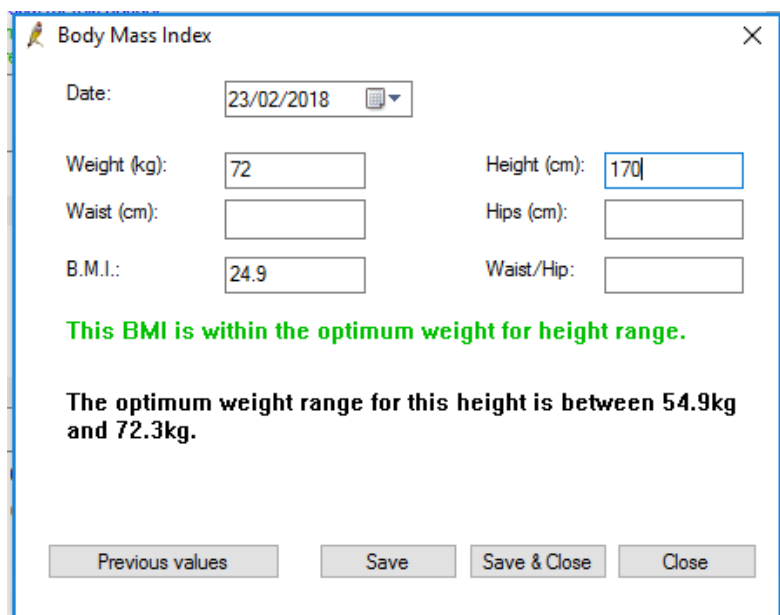
Currently logged in: Dr Frederick Findacure (Main surgery) Friday 23/02/2018 08:04:42 AM

In order to appear in the numerator field, the patient must meet the criteria to appear in the denominator field, and have the **smoking status** beside the measure in the table below:

	Smoking Status <i>Current Smoker</i>	Smoking Status <i>Ex Smoker</i>	Smoking Status <i>Non smoker</i>
Age less than 20 years	NKPI-11021	NKPI-11023	NKPI-11025
Age 20-34 years	NKPI-11022	NKPI-11024	NKPI-11026
Age 15-19 years	NKPI-11001	NKPI-11005	NKPI-11009
Age 20-24 years	NKPI-11002	NKPI-11006	NKPI-11010
Age 25-34 years	NKPI-11003	NKPI-11007	NKPI-11011
Age 35+ years	NKPI-11004	NKPI-11008	NKPI-11012

### 4.13. NKPI-12 – Proportion of Indigenous Regular Clients who have a BMI result within specified categories

The NKPI-12 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-12 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, have the gender specified against the measure in the table below and have had a **BMI** recorded within the previous 24 months:



In order to appear in the numerator for this measure, the patient must meet all requirements for the denominator, and additionally their most recently recorded **BMI** must fall within the range specified in the table below:

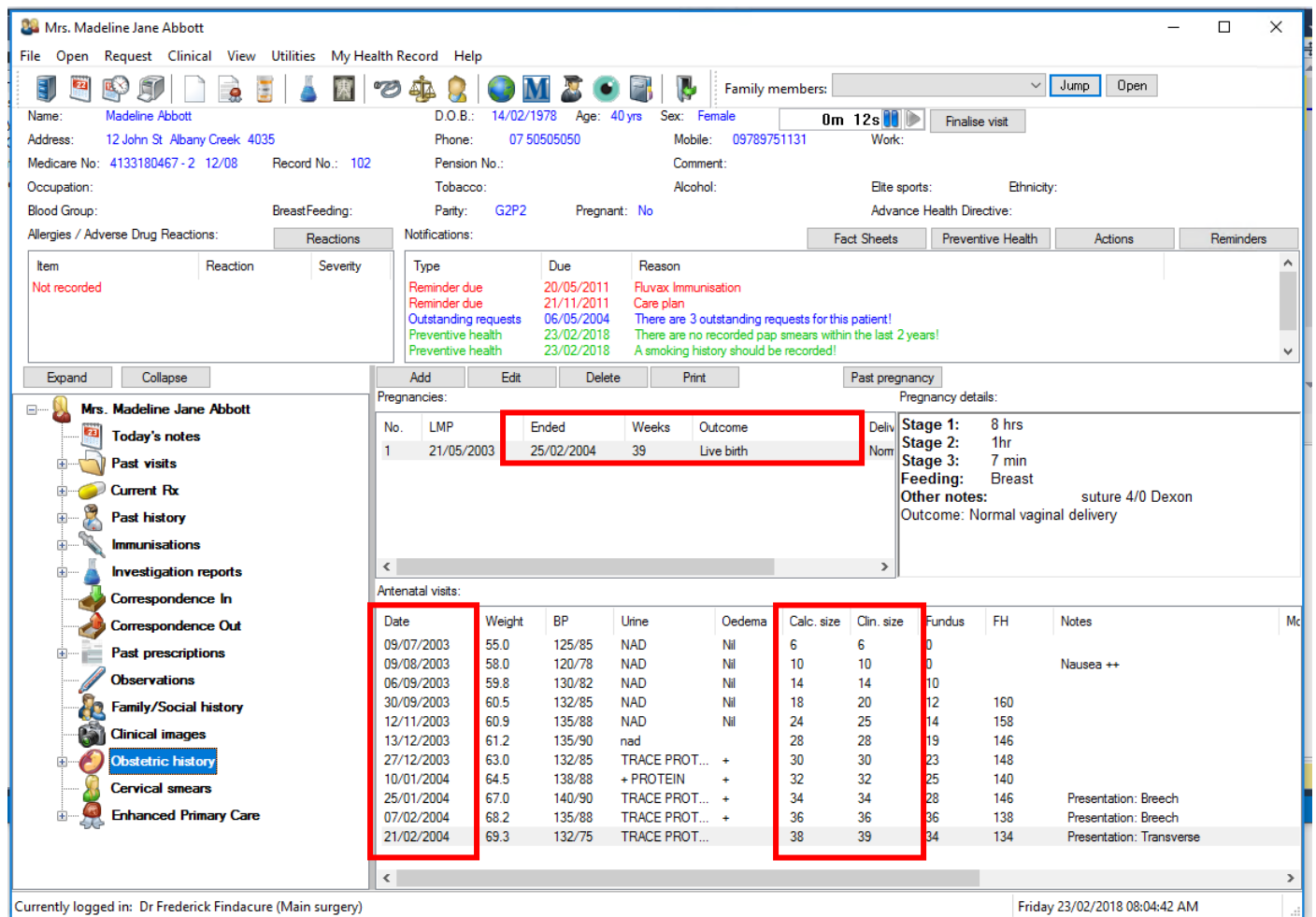
	<b>Sex Male</b>	<b>Sex Female</b>	
<b>Age 18-24 years</b>	NKPI-12021	NKPI-12027	<b>BMI &lt;18.5 (Underweight)</b>
	NKPI-12033	NKPI-12039	<b>BMI <math>\geq 18.5</math> - &lt;25 (Normal weight)</b>
	NKPI-12045	NKPI-12051	<b>BMI <math>\geq 25</math> - &lt;30 (Overweight)</b>
	NKPI-12057	NKPI-12063	<b>BMI <math>\geq 30</math> (Obese)</b>
	NKPI-12069	NKPI-12075	<b>BMI (Not calculated)</b>
<b>Age 25-34 years</b>	NKPI-12022	NKPI-12028	<b>BMI &lt;18.5 (Underweight)</b>
	NKPI-12034	NKPI-12040	<b>BMI <math>\geq 18.5</math> - &lt;25 (Normal weight)</b>
	NKPI-12046	NKPI-12052	<b>BMI <math>\geq 25</math> - &lt;30 (Overweight)</b>
	NKPI-12058	NKPI-12064	<b>BMI <math>\geq 30</math> (Obese)</b>
	NKPI-12070	NKPI-12076	<b>BMI (Not calculated)</b>
<b>Age 35-44 years</b>	NKPI-12023	NKPI-12029	<b>BMI &lt;18.5 (Underweight)</b>
	NKPI-12035	NKPI-12041	<b>BMI <math>\geq 18.5</math> - &lt;25 (Normal weight)</b>
	NKPI-12047	NKPI-12053	<b>BMI <math>\geq 25</math> - &lt;30 (Overweight)</b>
	NKPI-12059	NKPI-12065	<b>BMI <math>\geq 30</math> (Obese)</b>
	NKPI-12071	NKPI-12077	<b>BMI (Not calculated)</b>
<b>Age 45-54 years</b>	NKPI-12024	NKPI-12030	<b>BMI &lt;18.5 (Underweight)</b>
	NKPI-12036	NKPI-12042	<b>BMI <math>\geq 18.5</math> - &lt;25 (Normal weight)</b>
	NKPI-12048	NKPI-12054	<b>BMI <math>\geq 25</math> - &lt;30 (Overweight)</b>
	NKPI-12060	NKPI-12066	<b>BMI <math>\geq 30</math> (Obese)</b>
	NKPI-12072	NKPI-12078	<b>BMI (Not calculated)</b>
<b>Age 55-64 years</b>	NKPI-12025	NKPI-12031	<b>BMI &lt;18.5 (Underweight)</b>
	NKPI-12037	NKPI-12043	<b>BMI <math>\geq 18.5</math> - &lt;25 (Normal weight)</b>

	NKPI-12049	NKPI-12055	<b>BMI</b> $\geq 25$ - $<30$ ( <i>Overweight</i> )
	NKPI-12061	NKPI-12067	<b>BMI</b> $\geq 30$ ( <i>Obese</i> )
	NKPI-12073	NKPI-12079	<b>BMI</b> (Not calculated)
<b>Age 65+ years</b>	NKPI-12026	NKPI-12032	<b>BMI</b> $<18.5$ ( <i>Underweight</i> )
	NKPI-12038	NKPI-12044	<b>BMI</b> $\geq 18.5$ - $<25$ ( <i>Normal weight</i> )
	NKPI-12050	NKPI-12056	<b>BMI</b> $\geq 25$ - $<30$ ( <i>Overweight</i> )
	NKPI-12062	NKPI-12068	<b>BMI</b> $\geq 30$ ( <i>Obese</i> )
	NKPI-12074	NKPI-12080	<b>BMI</b> (Not calculated)

#### 4.14. NKPI-13 – Proportion of regular clients who gave birth within the previous 12 months who had their first antenatal visit within specified periods

The NKPI-13 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-13 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be aged within the range specified in the below tables for the measure, and have a **Birth** recorded within the previous 12 months.

In order to appear in the numerator for this measure, the patient must meet the criteria to appear in the denominator, as well as having had **gestational age** recorded for their first **Antenatal Visit** within the range specified in the below table:



**Antenatal visits:**

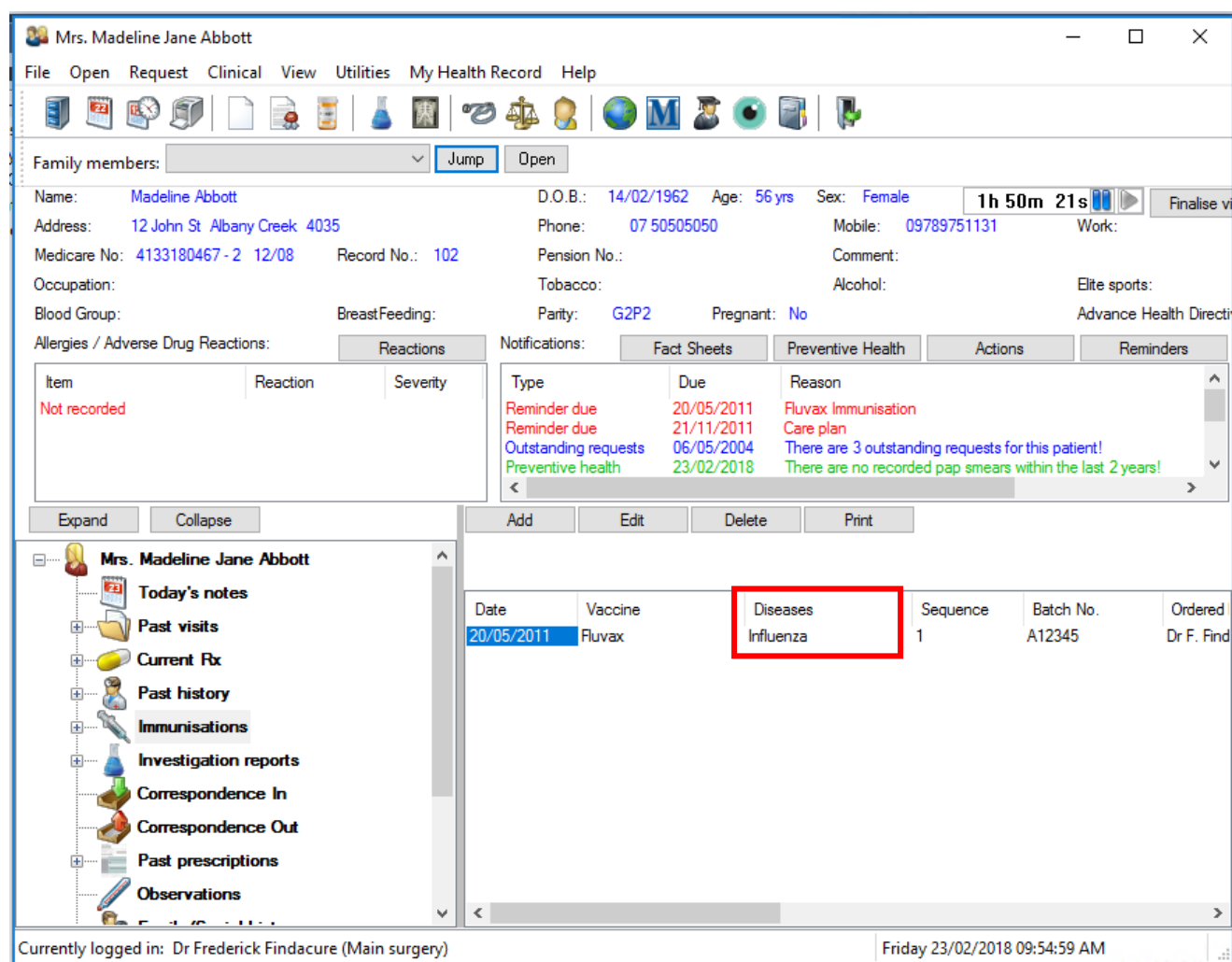
Date	Weight	BP	Urine	Oedema	Calc. size	Clin. size	Fundus	FH	Notes
09/07/2003	55.0	125/85	NAD	Nil	6	6	0		
09/08/2003	58.0	120/78	NAD	Nil	10	10	0		Nausea ++
06/09/2003	59.8	130/82	NAD	Nil	14	14	10		
30/09/2003	60.5	132/85	NAD	Nil	18	20	12	160	
12/11/2003	60.9	135/88	NAD	Nil	24	25	14	158	
13/12/2003	61.2	135/90	nad		28	28	19	146	
27/12/2003	63.0	132/85	TRACE PROT...	+	30	30	23	148	
10/01/2004	64.5	138/88	+ PROTEIN	+	32	32	25	140	
25/01/2004	67.0	140/90	TRACE PROT...	+	34	34	28	146	Presentation: Breech
07/02/2004	68.2	135/88	TRACE PROT...	+	36	36	36	138	Presentation: Breech
21/02/2004	69.3	132/75	TRACE PROT...		38	39	34	134	Presentation: Transverse

	Weeks <11 weeks	Weeks >=11/40 - <14/40	Weeks >=14/40 - <20/40	Weeks >=20/40	No gestational age recorded	No antenatal visit recorded
Age <20 years	NKPI-13021	NKPI-13024	NKPI-13027	NKPI-13007	NKPI-13010	NKPI-13013
Age 20-34 years	NKPI-13022	NKPI-13025	NKPI-13028	NKPI-13008	NKPI-13011	NKPI-13014
Age 35+ years	NKPI-13023	NKPI-13026	NKPI-13029	NKPI-13009	NKPI-13012	NKPI-13015

## 4.15. NKPI-14 – Clients immunised against Influenza

The NKPI-14 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-14 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, have a gender matching that specified in the below table and have an age range matching that specified in the below table.

In order to appear in the numerator for this measure, the patient must meet the criteria to appear in the denominator, as well as having had an **Immunisation** recorded within the previous 12 months protecting them against the *Influenza* disease:



The screenshot shows the patient record for Mrs. Madeline Jane Abbott. The 'Notifications' section includes:

Type	Due	Reason
Reminder due	20/05/2011	Fluvax Immunisation
Reminder due	21/11/2011	Care plan
Outstanding requests	06/05/2004	There are 3 outstanding requests for this patient!
Preventive health	23/02/2018	There are no recorded pap smears within the last 2 years!

The 'Immunisations' table shows:

Date	Vaccine	Diseases	Sequence	Batch No.	Ordered
20/05/2011	Fluvax	Influenza	1	A12345	Dr F. Find

	Sex Male	Sex Female
Age 6 months – 4 years	NKPI-14010	NKPI-14020
Age 5-14 years	NKPI-14011	NKPI-14021
Age 15-24 years	NKPI-14012	NKPI-14022
Age 25-34 years	NKPI-14013	NKPI-14023
Age 35-44 years	NKPI-14014	NKPI-14024
Age 45-54 years	NKPI-14015	NKPI-14025
Age 55-64 years	NKPI-14016	NKPI-14026
Age 65+ years	NKPI-14017	NKPI-14027

#### 4.16. NKPI-15 – Clients with a given disease who are immunised against Influenza

The NKPI-15 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-15 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have the **condition** specified in the below table recorded against their **Past History**.

The screenshot shows the patient record for Mrs. Madeline Jane Abbott. The interface includes a menu bar (File, Open, Request, Clinical, View, Utilities, My Health Record, Help) and a toolbar with various icons. The patient details section shows:

- Name: Madeline Abbott
- D.O.B.: 14/02/1962
- Age: 56 yrs
- Sex: Female
- Address: 12 John St Albany Creek 4035
- Phone: 07 50505050
- Mobile: 09789751131
- Medicare No.: 4133180467 - 2 12/08
- Record No.: 102
- Pension No.:
- Comment:
- Occupation:
- Tobacco:
- Alcohol:
- Elite sports:
- Blood Group:
- BreastFeeding:
- Parity: G2P2
- Pregnant: No
- Advance Health Directi

The 'Notifications' section shows a table with columns: Type, Due, Reason.

Type	Due	Reason
Reminder due	20/05/2011	Fluvax Immunisation
Reminder due	21/11/2011	Care plan
Outstanding requests	06/05/2004	There are 3 outstanding requests for this patient!
Preventive health	23/02/2018	There are no recorded pap smears within the last 2 years!

The 'Active problems' section shows a table with columns: Date, Condition, Severity, Description, Summary.

Date	Condition	Severity	Description	Summary
28/03/2004	Diabetes Mellitus, Type 2			Yes
20/05/2011	Overweight			No

The 'Inactive problems' section shows a table with columns: Date, Condition, Severity, Description, Summary.

Date	Condition	Severity	Description	Summary
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The interface also shows a sidebar with navigation options: Today's notes, Past visits, Current Rx, Past history, Immunisations, Investigation reports, Correspondence In, Correspondence Out, Past prescriptions, Observations.

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In order to appear in the numerator, the patient must meet all conditions required to appear in the denominator, and have an **immunisation** record given within the past twelve months against the *Influenza disease*:



The screenshot displays the Bp Premier software interface for a patient named Mrs. Madeline Jane Abbott. The interface includes a menu bar (File, Open, Request, Clinical, View, Utilities, My Health Record, Help) and a toolbar with various icons. The main content area is divided into several sections:

- Family members:** A dropdown menu with 'Jump' and 'Open' buttons.
- Patient Details:** Name: Madeline Abbott, D.O.B.: 14/02/1962, Age: 56 yrs, Sex: Female, Address: 12 John St Albany Creek 4035, Phone: 07 50505050, Mobile: 09789751131, Medicare No.: 4133180467 - 2 12/08, Record No.: 102, Pension No.: , Comment: , Occupation: , Tobacco: , Alcohol: , Blood Group: , BreastFeeding: , Parity: G2P2, Pregnant: No, Elite sports: , Advance Health Direct: .
- Reactions:** A table with columns 'Item', 'Reaction', and 'Severity'. It shows 'Not recorded'.
- Notifications:** A table with columns 'Type', 'Due', and 'Reason'. It lists 'Reminder due' for 'Fluvax Immunisation' (20/05/2011), 'Reminder due' for 'Care plan' (21/11/2011), 'Outstanding requests' (06/05/2004) with a note 'There are 3 outstanding requests for this patient!', and 'Preventive health' (23/02/2018) with a note 'There are no recorded pap smears within the last 2 years!'.
- Fact Sheets:** A table with columns 'Date', 'Vaccine', 'Diseases', 'Sequence', 'Batch No.', and 'Ordered'. It shows a record for 'Influenza' on 20/01/2018, with 'Fluvax' as the vaccine and 'A12345' as the batch number. The 'Diseases' column is highlighted with a red box.
- Left Navigation Panel:** A tree view showing various categories like 'Today's notes', 'Past visits', 'Current Rx', 'Past history', 'Immunisations', 'Investigation reports', 'Correspondence In', 'Correspondence Out', 'Past prescriptions', and 'Observations'.

At the bottom of the window, it shows 'Currently logged in: Dr Frederick Findacure (Main surgery)' and the date/time 'Friday 23/02/2018 10:04:45 AM'.

	Sex Male	Sex Female	
Age 15-24 years	NKPI-15001	NKPI-15009	Condition Type 2 Diabetes <sup>1</sup>
	NKPI-15005	NKPI-15013	Condition COPD <sup>2</sup>
Age 25-34 years	NKPI-15002	NKPI-15010	Condition Type 2 Diabetes <sup>1</sup>
	NKPI-15006	NKPI-15014	Condition COPD <sup>2</sup>
Age 35-44 years	NKPI-15003	NKPI-15011	Condition Type 2 Diabetes <sup>1</sup>
	NKPI-15007	NKPI-15015	Condition COPD <sup>2</sup>
Age 45-49 years	NKPI-15004	NKPI-15012	Condition Type 2 Diabetes <sup>1</sup>
	NKPI-15008	NKPI-15016	Condition COPD <sup>2</sup>

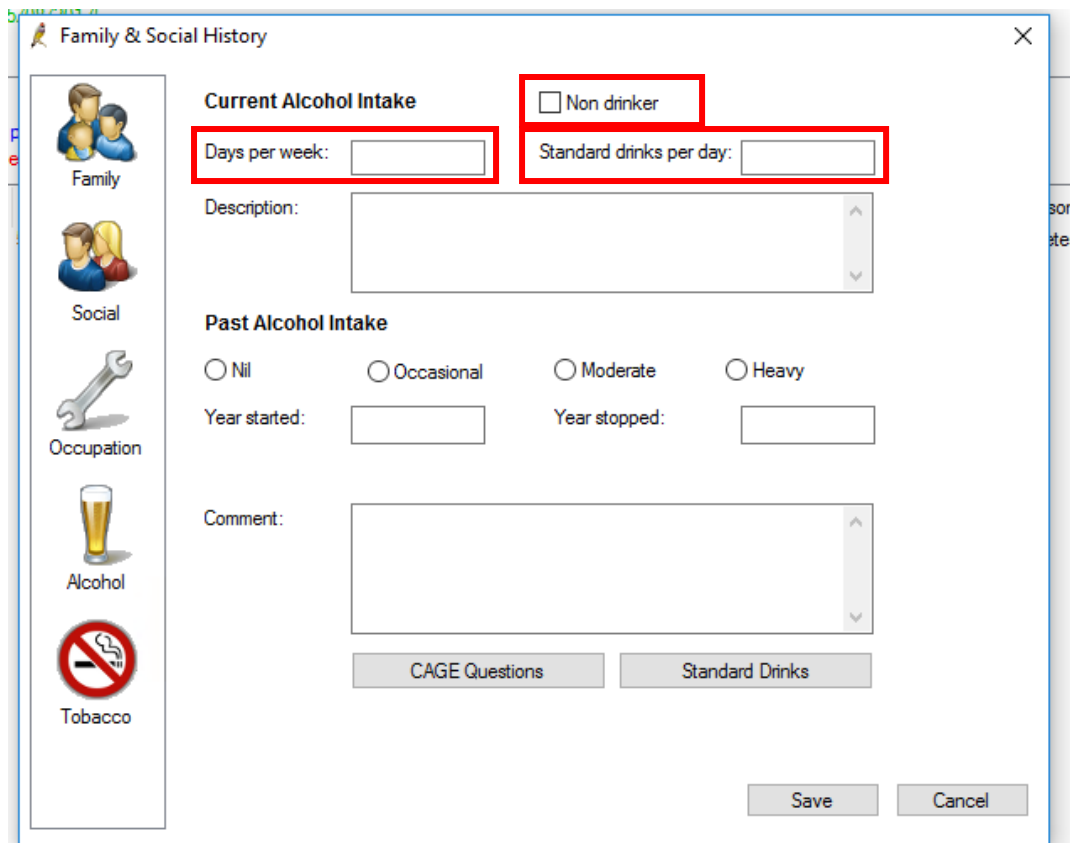
<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

<sup>2</sup>COPD includes the following term names within Past History: Chronic bronchitis; Chronic Obstructive Airways Disease; Chronic Obstructive Pulmonary Disease; COAD; COPD; COPD, Infective exacerbation; Emphysema; Bronchitis, chronic; COAD, Infective exacerbation; Infective exacerbation of COAD; Infective exacerbation of COPD; Acute exacerbation of COPD

#### 4.17. NKPI-16 – Clients who have had their alcohol consumption status recorded within the past 24 months

The NKPI-16 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-16 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure and have the **sex** specified against the measure in the table below.

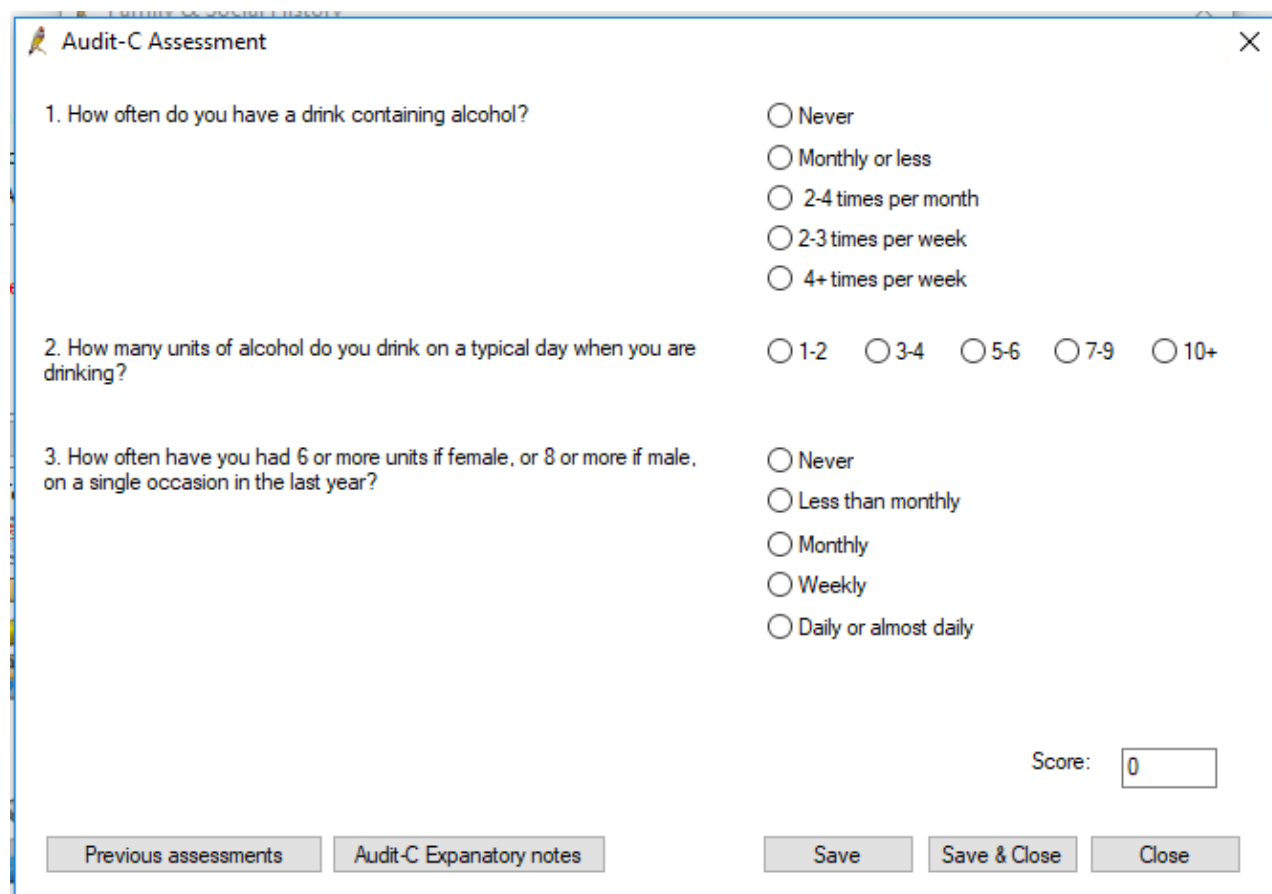
In order to appear in the numerator for a measure in this element, the patient must meet all criteria to appear in the denominator, and have either the **non-drinker** checkbox selected or the **days per week** and/or **standard drinks per day** fields filled out. Additionally, the patient's **alcohol history** must have been updated within the past 24 months – if there is no change to the patient's drinking status or amount, it is suggested that the Description or Comment field be updated indicating that the patient was asked about their alcohol status and no change was indicated.



	<b>Sex Male</b>	<b>Sex Female</b>
<b>Age 15-24 years</b>	NKPI-16001	NKPI-16007
<b>Age 25-34 years</b>	NKPI-16002	NKPI-16008
<b>Age 35-44 years</b>	NKPI-16003	NKPI-16009
<b>Age 45-54 years</b>	NKPI-16004	NKPI-16010
<b>Age 55-64 years</b>	NKPI-16005	NKPI-16011
<b>Age 65+ years</b>	NKPI-16006	NKPI-16012

#### 4.18. NKPI-17 – Clients with a given AUDIT-C result

The NKPI-17 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-17 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure and have the **sex** specified against the measure in the table below. They must also have had an **AUDIT-C result** recorded within the past 24 months:



The screenshot shows a window titled "Audit-C Assessment" with three questions and their corresponding radio button options:

1. How often do you have a drink containing alcohol?
  - Never
  - Monthly or less
  - 2-4 times per month
  - 2-3 times per week
  - 4+ times per week
2. How many units of alcohol do you drink on a typical day when you are drinking?
  - 1-2
  - 3-4
  - 5-6
  - 7-9
  - 10+
3. How often have you had 6 or more units if female, or 8 or more if male, on a single occasion in the last year?
  - Never
  - Less than monthly
  - Monthly
  - Weekly
  - Daily or almost daily

At the bottom right, there is a "Score:" label followed by a text input field containing the number "0".

At the bottom of the window, there are five buttons: "Previous assessments", "Audit-C Explanatory notes", "Save", "Save & Close", and "Close".

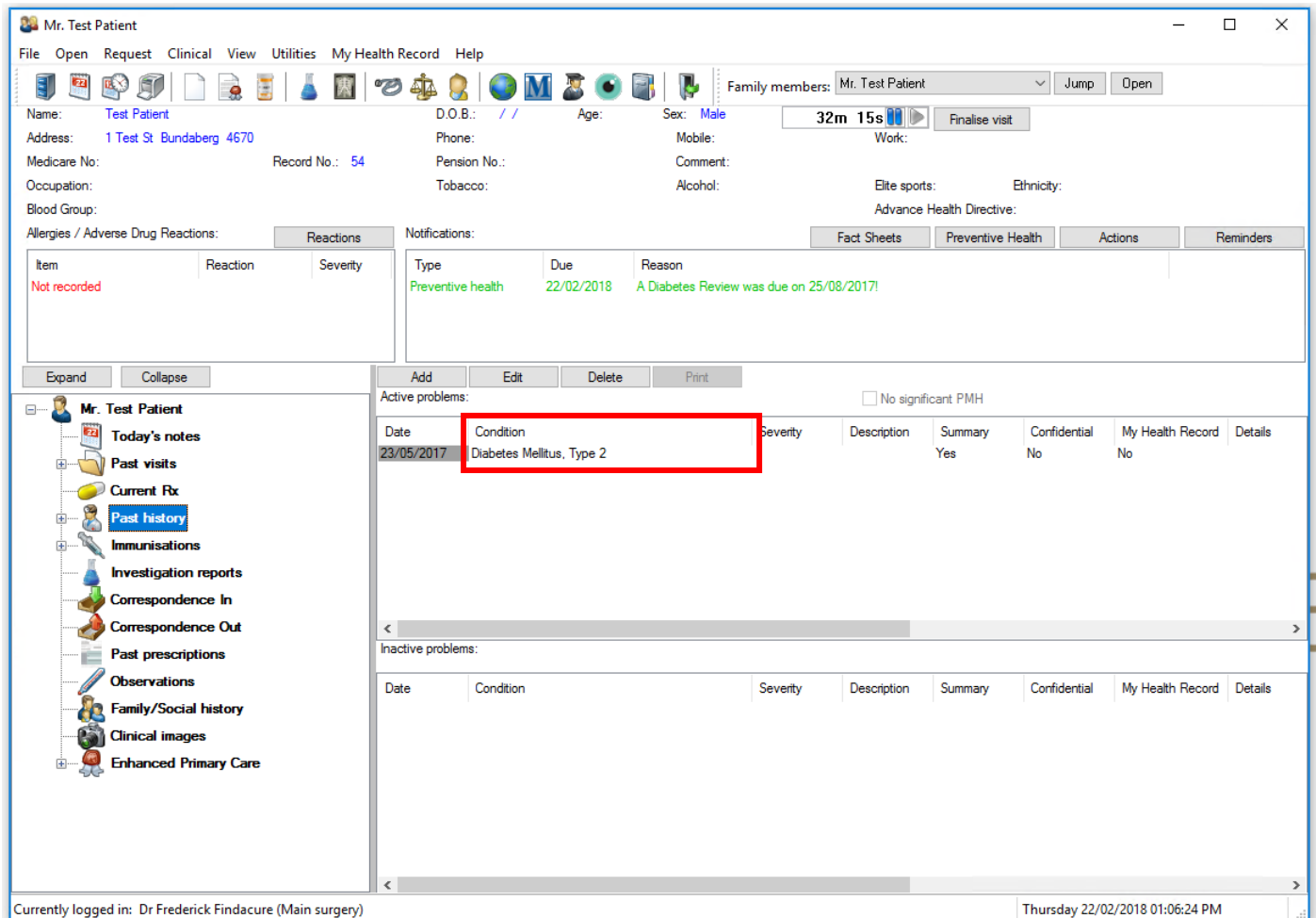
In order to appear in the numerator for a measure in this element, the patient must meet all criteria to appear in the denominator, and their most recent **AUDIT-C result** must be within the range specified in the below table.

	Sex Male	Sex Female	
<b>Age 15-24 years</b>	NKPI-17001		<b>AUDIT-C Result <math>\geq 4</math></b>
		NKPI-17007	<b>AUDIT-C Result <math>\geq 3</math></b>
	NKPI-17013		<b>AUDIT-C Result <math>&lt; 4</math></b>
		NKPI-17018	<b>AUDIT-C Result <math>&lt; 3</math></b>
<b>Age 25-34 years</b>	NKPI-17002		<b>AUDIT-C Result <math>\geq 4</math></b>
		NKPI-17008	<b>AUDIT-C Result <math>\geq 3</math></b>
	NKPI-17014		<b>AUDIT-C Result <math>&lt; 4</math></b>
		NKPI-17019	<b>AUDIT-C Result <math>&lt; 3</math></b>
<b>Age 35-44 years</b>	NKPI-17003		<b>AUDIT-C Result <math>\geq 4</math></b>
		NKPI-17009	<b>AUDIT-C Result <math>\geq 3</math></b>
	NKPI-17015		<b>AUDIT-C Result <math>&lt; 4</math></b>
		NKPI-17020	<b>AUDIT-C Result <math>&lt; 3</math></b>
<b>Age 45-54 years</b>	NKPI-17004		<b>AUDIT-C Result <math>\geq 4</math></b>

		NKPI-17010	AUDIT-C Result $\geq 3$
			AUDIT-C Result $< 4$
		NKPI-17021	AUDIT-C Result $< 3$
<b>Age 55-64 years</b>	NKPI-17005		AUDIT-C Result $\geq 4$
		NKPI-17011	AUDIT-C Result $\geq 3$
	NKPI-17016		AUDIT-C Result $< 4$
		NKPI-17022	AUDIT-C Result $< 3$
<b>Age 65+ years</b>	NKPI-17006		AUDIT-C Result $\geq 4$
		NKPI-17012	AUDIT-C Result $\geq 3$
	NKPI-17017		AUDIT-C Result $< 4$
		NKPI-17023	AUDIT-C Result $< 3$

#### 4.19. NKPI-18 - Clients with a given condition with a given result type recorded

The NKPI-18 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-18 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure and have the **sex** specified against the measure in the table below. They must also have had the **Condition** indicated in the table's heading recorded against their **Past History**.



Mr. Test Patient

File Open Request Clinical View Utilities My Health Record Help

Family members: Mr. Test Patient [Jump] [Open]

Name: Test Patient D.O.B.: // Age: Sex: Male 32m 15s [Finalise visit]

Address: 1 Test St Bundaberg 4670 Phone: Mobile: Work:

Medicare No: Record No.: 54 Pension No.: Comment: Elite sports: Ethnicity:

Occupation: Tobacco: Alcohol: Advance Health Directive:

Blood Group: Allergies / Adverse Drug Reactions: Reactions: Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Preventive health	22/02/2018	A Diabetes Review was due on 25/08/2017!

Expand Collapse

Mr. Test Patient

- Today's notes
- Past visits
- Current Rx
- Past history
- Immunisations
- Investigation reports
- Correspondence In
- Correspondence Out
- Past prescriptions
- Observations
- Family/Social history
- Clinical images
- Enhanced Primary Care

Active problems:  No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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In order to appear in the numerator for this measure, the patient must meet all criteria required to appear in the denominator, and additionally must have results for the test specified in the table below recorded within the previous 12 months. Results for these tests can be found in the **Atomised Values** section of the **Investigation Reports** screen:

	17/02/2010	29/06/2010	17/03/2011	26/08/2011	25/05/2017
Albumin/Creat ratio				7.6	
Bicarbonate			19		
Chloride			104		
Cholesterol				4.5	56
Cholesterol/HDL Ratio				4.5	
Creat Rand Ur				4.5	
Creatinine			48		
Glucose Random				7.0	
Hb A1c				6.3	
HbA1c (SI)				45	655
HDL Cholesterol				1.0	
INR		5.0			
LDL Cholesterol				3.0	
PoQLDsium			5.4		
Quantitative hCG	2003				
Sodium			137		
Triglyceride				1.0	
Urea			3.9		
Urine Albumin				34	

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#### 4.19.1. Type 2 Diabetes<sup>1</sup>

	Sex Male	Sex Female	
Age 18-24 years	NKPI-18183	NKPI-18187	eGFR Result Only
	NKPI-18184	NKPI-18188	ACR Result Only
	NKPI-18185	NKPI-18189	eGFR and ACR Result
	NKPI-18186	NKPI-18190	Neither an eGFR or ACR Result
Age 25-34 years	NKPI-18002	NKPI-18026	eGFR Result Only
	NKPI-18008	NKPI-18032	ACR Result Only
	NKPI-18014	NKPI-18038	eGFR and ACR Result
	NKPI-18059	NKPI-18066	Neither an eGFR or ACR Result
Age 35-44 years	NKPI-18003	NKPI-18027	eGFR Result Only
	NKPI-18009	NKPI-18033	ACR Result Only
	NKPI-18015	NKPI-18039	eGFR and ACR Result
	NKPI-18060	NKPI-18067	Neither an eGFR or ACR Result
Age 45-54 years	NKPI-18004	NKPI-18028	eGFR Result Only
	NKPI-18010	NKPI-18034	ACR Result Only
	NKPI-18016	NKPI-18040	eGFR and ACR Result
	NKPI-18061	NKPI-18068	Neither an eGFR or ACR Result
Age 55-64 years	NKPI-18005	NKPI-18029	eGFR Result Only
	NKPI-18011	NKPI-18035	ACR Result Only
	NKPI-18017	NKPI-18041	eGFR and ACR Result
	NKPI-18062	NKPI-18069	Neither an eGFR or ACR Result
Age 65+ years	NKPI-18006	NKPI-18030	eGFR Result Only
	NKPI-18012	NKPI-18036	ACR Result Only
	NKPI-18018	NKPI-18042	eGFR and ACR Result
	NKPI-18063	NKPI-18070	Neither an eGFR or ACR Result

#### 4.19.2. Cardiovascular Disease<sup>2</sup>

	Sex Male	Sex Female	
Age 18-24 years	NKPI-18191	NKPI-18195	eGFR Result Only
	NKPI-18192	NKPI-18196	ACR Result Only
	NKPI-18193	NKPI-18197	eGFR and ACR Result

	NKPI-18194	NKPI-18198	Neither an eGFR or ACR Result
<b>Age 25-34 years</b>	NKPI-18073	NKPI-18101	eGFR Result Only
	NKPI-18080	NKPI-18108	ACR Result Only
	NKPI-18087	NKPI-18115	eGFR and ACR Result
	NKPI-18094	NKPI-18122	Neither an eGFR or ACR Result
<b>Age 35-44 years</b>	NKPI-18074	NKPI-18102	eGFR Result Only
	NKPI-18081	NKPI-18109	ACR Result Only
	NKPI-18088	NKPI-18116	eGFR and ACR Result
	NKPI-18095	NKPI-18123	Neither an eGFR or ACR Result
<b>Age 45-54 years</b>	NKPI-18075	NKPI-18103	eGFR Result Only
	NKPI-18082	NKPI-18110	ACR Result Only
	NKPI-18089	NKPI-18117	eGFR and ACR Result
	NKPI-18096	NKPI-18124	Neither an eGFR or ACR Result
<b>Age 55-64 years</b>	NKPI-18076	NKPI-18104	eGFR Result Only
	NKPI-18083	NKPI-18111	ACR Result Only
	NKPI-18090	NKPI-18118	eGFR and ACR Result
	NKPI-18097	NKPI-18125	Neither an eGFR or ACR Result
<b>Age 65+ years</b>	NKPI-18077	NKPI-18105	eGFR Result Only
	NKPI-18084	NKPI-18112	ACR Result Only
	NKPI-18091	NKPI-18119	eGFR and ACR Result
	NKPI-18098	NKPI-18126	Neither an eGFR or ACR Result

#### 4.19.3. Type 2 Diabetes and/or Cardiovascular Disease<sup>1 & 2</sup>

	<b>Sex Male</b>	<b>Sex Female</b>	
<b>Age 18-24 years</b>	NKPI-18199	NKPI-18203	eGFR Result Only
	NKPI-18200	NKPI-18204	ACR Result Only
	NKPI-18201	NKPI-18205	eGFR and ACR Result
	NKPI-18202	NKPI-18206	Neither an eGFR or ACR Result
<b>Age 25-34 years</b>	NKPI-18129	NKPI-18157	eGFR Result Only
	NKPI-18136	NKPI-18164	ACR Result Only
	NKPI-18143	NKPI-18171	eGFR and ACR Result
	NKPI-18150	NKPI-18178	Neither an eGFR or ACR Result
<b>Age 35-44 years</b>	NKPI-18130	NKPI-18158	eGFR Result Only
	NKPI-18137	NKPI-18165	ACR Result Only
	NKPI-18144	NKPI-18172	eGFR and ACR Result
	NKPI-18151	NKPI-18179	Neither an eGFR or ACR Result
<b>Age 45-54 years</b>	NKPI-18131	NKPI-18159	eGFR Result Only
	NKPI-18138	NKPI-18166	ACR Result Only
	NKPI-18145	NKPI-18173	eGFR and ACR Result
	NKPI-18152	NKPI-18180	Neither an eGFR or ACR Result
<b>Age 55-64 years</b>	NKPI-18132	NKPI-18160	eGFR Result Only
	NKPI-18139	NKPI-18167	ACR Result Only
	NKPI-18146	NKPI-18174	eGFR and ACR Result
	NKPI-18153	NKPI-18181	Neither an eGFR or ACR Result
<b>Age 65+ years</b>	NKPI-18133	NKPI-18161	eGFR Result Only
	NKPI-18140	NKPI-18168	ACR Result Only
	NKPI-18147	NKPI-18175	eGFR and ACR Result
	NKPI-18154	NKPI-18182	Neither an eGFR or ACR Result

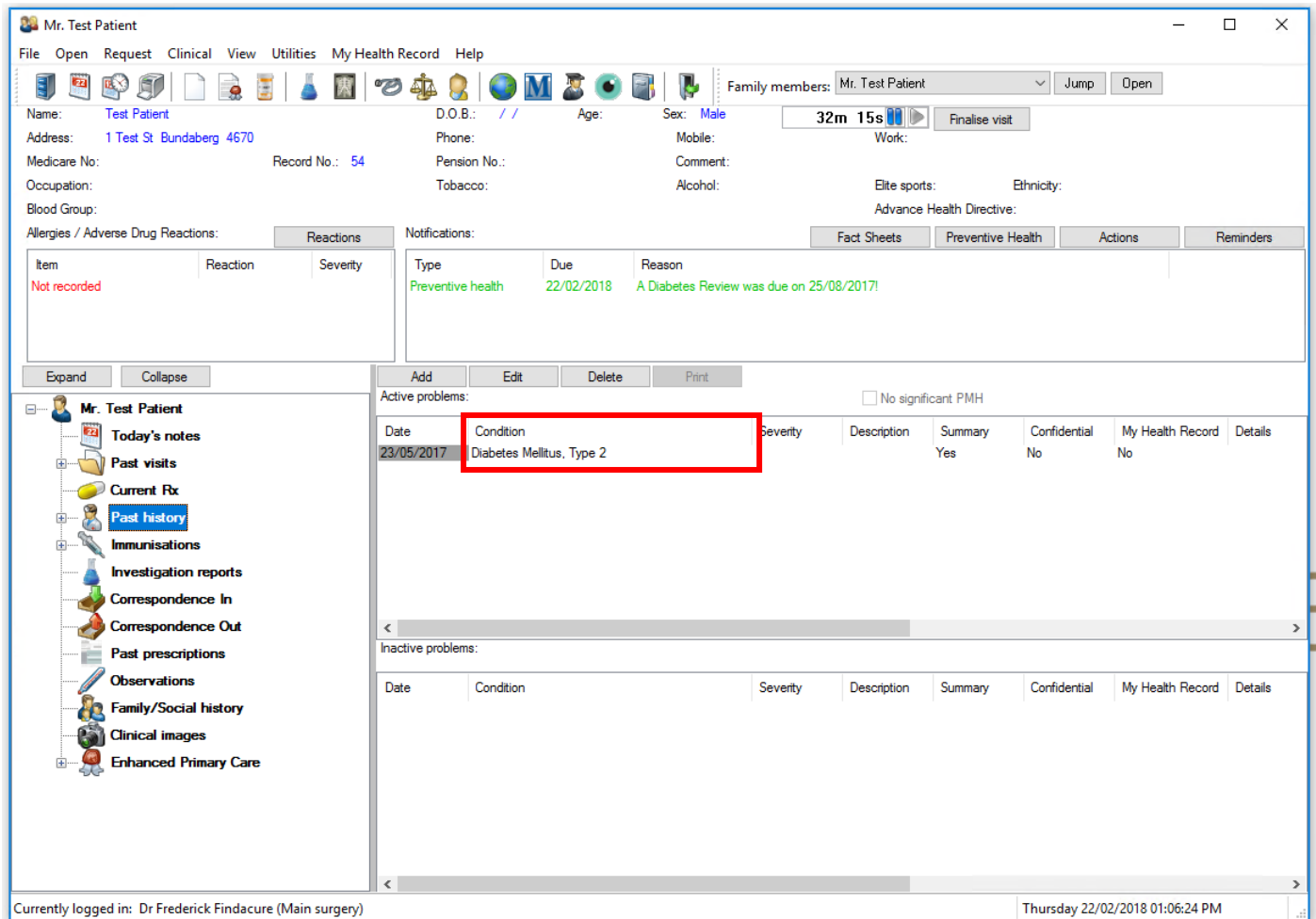
<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

<sup>2</sup>Cardiovascular Disease includes the following term names within Past History: Abnormal heart chamber dimensions; Accessory atrioventricular pathways; Acute cardiac failure; Acute coronary insufficiency; Acute heart failure; Acute myocardial infarction; AF; Alcoholic cardiomyopathy; AML; Amyloid cardiomyopathy; Angina pectoris; Angina, unstable; Angina; Angioplasty, coronary; Anterior myocardial infarct; Anterolateral myocardial infarct; Arrhythmia, atrial fibrillation; Arrhythmia, atrial flutter; Arrhythmia, bradycardia; Arrhythmia, nodal tachycardia; Arrhythmia, SVT; Arrhythmia, tachycardia; Arrhythmia, ventricular fibrillation; Arrhythmia, ventricular tachycardia; Atrial fibrillation; Atrial flutter; Atrial tachycardia; Atrio-Ventricular Block; Autosomal recessive long QT syndrome; AV Block; Balloon coronary angioplasty; Bigeminy; Biventricular heart failure; Bradyarrhythmia; Bradycardia; Broken heart syndrome; CABG; Cardiac bradyarrhythmia; Cardiac failure, acute; Cardiac failure; Cardioauditory syndrome; Cardiocutaneous syndrome; Cardiofaciocutaneous syndrome; Cardiogenic shock; Cardiomegaly; Cardiomyopathic lentiginosis; Cardiomyopathy, alcoholic; Cardiomyopathy, amyloid; Cardiomyopathy, congenital; Cardiomyopathy, congestive; Cardiomyopathy, dilated; Cardiomyopathy, haemochromatosis; Cardiomyopathy, hypertensive; Cardiomyopathy, hypertrophic; Cardiomyopathy, idiopathic; Cardiomyopathy, ischaemic; Cardiomyopathy, peripartum; Cardiomyopathy, restrictive; Cardiomyopathy, selenium deficiency; Cardiomyopathy; Cardiovascular disease; Cardioversion - failed; Cardioversion, elective; Cardioversion; Care plan, chronic heart disease; CCF; Chronic heart disease care plan review; Chronic heart disease care plan; Collapse; Complete heart block; Congenital cardiomyopathy; Congenital heart block; Congenital heart defect; Congenital heart disease; Congestive cardiac failure; Congestive cardiomyopathy; Congestive heart failure; Cor pulmonale; Cor Triatriatum; Coronary angioplasty with stent; Coronary angioplasty; Coronary artery bypass graft; Coronary artery disease; Coronary artery endarterectomy; Coronary artery spasm; Coronary artery stent; Coronary endarterectomy; Coronary heart disease; Coronary insufficiency; Coronary occlusion; Cyanotic heart disease; Diastolic cardiac dysfunction; Diastolic heart failure; Dilated cardiomyopathy; Dressler's syndrome; Ectopics, ventricular; Elective cardioversion; Fibrillation, atrial; Fibrillation, ventricular; First degree heart block; Haemochromatosis cardiomyopathy; Heart attack; Heart block, congenital; Heart block, first degree; Heart block, second degree; Heart block, third degree; Heart block; Heart disease, valvular; Heart disease; Heart enlarged; Heart failure - mid range ejection fraction; Heart failure - preserved ejection fraction; Heart failure - reduced ejection fraction; Heart failure, acute; Heart failure, high output; Heart failure, left; Heart failure; Heart sounds - Split; Heart sounds - Triple rhythm; Heart surgery; Heart transplant; Heart valve replacement; HFmrEF; HFpEF; HFrEF; High output cardiac failure; High output heart failure; Hypertensive cardiomyopathy; Hypertensive heart disease; Hypertensive heart failure; Hypertrophic cardiomyopathy; Hypoplastic left heart syndrome; Idiopathic cardiomyopathy; IHD; Inferior myocardial infarction; Intraventricular Block; Intraventricular Heart Block; Ischaemic cardiomyopathy; Ischaemic heart disease; Jervell and Lange-Nielsen syndrome; Keshan disease; Left heart failure; Left Ventricular Failure; LEOPARD syndrome; LHF; LVF; MI; Mobitz type 1 A-V Block; Mobitz type 2 A-V Block; Multiple lentiginosis syndrome; Myocardial infarction, anterior; Myocardial infarction, anterolateral; Myocardial infarction, inferior; Myocardial infarction, Non STEMI; Myocardial infarction, posterior; Myocardial infarction, STEMI; Myocardial infarction, subendocardial; Myocardial infarction, superior; Myocardial infarction; Neurocardiogenic syncope; Nodal tachycardia; Non ST elevation myocardial infarction; NSTEMI; Occlusion, Coronary artery; Open heart surgery; Organic Heart Disease; PCTA; Percutaneous transluminal angioplasty; Percutaneous transluminal coronary angioplasty; Peripartum cardiomyopathy; Post streptococcal heart disease; Post streptococcal valve disease; Postcardiotomy syndrome; Posterior myocardial infarct; Postmyocardial infarction syndrome; Postpericardiotomy syndrome; Preexcitation syndrome; Preinfarction syndrome; Premature ventricular contractions; Prinzmetal angina; Progressive cardiomyopathic lentiginosis; Prosthetic heart valve endocarditis; Prosthetic heart valve; Rapid AF; Rapid atrial fibrillation; Rapid pulse; Restrictive cardiomyopathy; Rheumatic heart disease; Rheumatic myocarditis; Rheumatic pancarditis; Rheumatic valve disease; RHF; Right heart failure; Right ventricular failure; RVF; Second degree heart block; Shock, cardiogenic; Sick sinus syndrome; Sino-Atrial heart block; Sinus node dysfunction; Split heart sounds; ST elevation myocardial infarction; STEMI; Stent, coronary artery; Stress-induced cardiomyopathy; Subendocardial infarct; Subendocardial myocardial infarct; Superior myocardial infarct; Supraventricular tachycardia; Surdocardiac syndrome; SVT; Syncope, vasovagal; Systolic cardiac dysfunction; Systolic heart failure; Tachycardia, nodal; Tachycardia, supraventricular; Tachycardia, ventricular; Tachycardia; Takotsubo cardiomyopathy; Third degree heart block; Transient apical ballooning; Transplant, heart; Triatrial heart; Triple rhythm heart sounds; Unstable angina; Valvular disease of heart; Valvular heart disease; Variant angina; Vasovagal attack; Vasovagal syncope; Ventricular bigeminy; Ventricular diastolic dysfunction; Ventricular ectopics; Ventricular extrasystoles; Ventricular fibrillation; Ventricular tachycardia; VF; VT; Wenkebach phenomenon; Wolff Parkinson White syndrome; WPW;



#### 4.20. NKPI-19 – Clients with a given condition whose test results fall within a given range

The NKPI-19 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-19 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure and have the **sex** specified against the measure in the table below. They must also have had the **Condition** indicated in the table's heading recorded against their **Past History** and have the test indicated in stored in their **Atomised Results** page.



Mr. Test Patient

File Open Request Clinical View Utilities My Health Record Help

Family members: Mr. Test Patient [Jump] [Open]

Name: Test Patient D.O.B.: // Age: Sex: Male 32m 15s [Finalise visit]

Address: 1 Test St Bundaberg 4670 Phone: Mobile: Work:

Medicare No: Record No.: 54 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions: Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Preventive health	22/02/2018	A Diabetes Review was due on 25/08/2017

Expand Collapse

Mr. Test Patient

- Today's notes
- Past visits
- Current Rx
- Past history
- Immunisations
- Investigation reports
- Correspondence In
- Correspondence Out
- Past prescriptions
- Observations
- Family/Social history
- Clinical images
- Enhanced Primary Care

Active problems:  No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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Currently logged in: Dr Frederick Findacure (Main surgery) Thursday 22/02/2018 01:06:24 PM

	17/02/2010	29/06/2010	17/03/2011	26/08/2011	25/05/2017
Albumin/Creat ratio				7.6	
Bicarbonate			19		
Chloride			104		
Cholesterol				4.5	56
Cholesterol/HDL Ratio				4.5	
Creat Rand Ur				4.5	
Creatinine			48		
Glucose Random				7.0	
Hb A1c				6.3	
HbA1c (SI)				45	655
HDL Cholesterol				1.0	
INR		5.0			
LDL Cholesterol				3.0	
PoQLDsium			5.4		
Quantitative hCG	2003				
Sodium			137		
Triglyceride				1.0	
Urea			3.9		
Urine Albumin				34	

Currently logged in: Dr Frederick Findacure (Main surgery) Monday 26/02/2018 10:51:41 AM

In order to appear in the numerator for this measure, the patient must meet all criteria required to appear in the denominator, and additionally their most recent result for the given test must have the result range specified in the tables below for the given test.

#### 4.20.1. Type 2 Diabetes<sup>1</sup>

	Sex Male	Sex Female	
Age 18-24 years	NKPI-19433		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19437	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19434		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR Result $\geq 2.5 - < = 25$
		NKPI-19438	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - < = 35$
	NKPI-19435		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - < = 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19439	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - < = 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19436		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19440	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
Age 25-34 years	NKPI-19183		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19225	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19190		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - < = 25$
		NKPI-19232	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - < = 35$
	NKPI-19197		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - < = 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19239	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - < = 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19204		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result

		NKPI-19246	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
<b>Age 35-44 years</b>	NKPI-19184		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19226	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19191		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - \leq 25$
		NKPI-19233	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19198		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19240	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19205		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19247	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
<b>Age 45-54 years</b>	NKPI-19185		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19227	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19192		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - \leq 25$
		NKPI-19234	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19199		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19241	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19206		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19248	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
<b>Age 55-64 years</b>	NKPI-19186		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19228	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19193		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - \leq 25$
		NKPI-19235	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19200		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19242	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19207		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19249	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
<b>Age 65+ years</b>	NKPI-19187		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19229	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19194		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - \leq 25$
		NKPI-19236	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - \leq 35$
	NKPI-19201		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - \leq 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19243	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - \leq 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19208		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19250	eGFR Result $\geq 30$ and ACR Result $> 35$

			OR eGFR Result <30 and any ACR Result
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#### 4.20.2. Cardiovascular Disease<sup>2</sup>

	Sex Male	Sex Female	
Age 18-24 years	NKPI-19441		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19445	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19442		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - < = 25$
		NKPI-19446	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - < = 35$
	NKPI-19443		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - < = 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19447	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - < = 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19444		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19448	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
Age 25-34 years	NKPI-19267		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19309	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19274		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - < = 25$
		NKPI-19316	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - < = 35$
	NKPI-19281		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - < = 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19323	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - < = 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19288		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
	NKPI-19330	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result	
Age 35-44 years	NKPI-19268		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19310	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19275		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - < = 25$
		NKPI-19317	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - < = 35$
	NKPI-19282		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - < = 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19324	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - < = 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19289		eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
	NKPI-19331	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result	
Age 45-54 years	NKPI-19269		eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19311	eGFR Result $\geq 60$ and ACR Result $< 3.5$
	NKPI-19276		eGFR Result $\geq 45 - < 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5 - < = 25$
		NKPI-19318	eGFR Result $\geq 45 - < 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5 - < = 35$
	NKPI-19283		eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 2.5 - < = 25$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 25$
		NKPI-19325	eGFR Result $\geq 45 - < 60$ and ACR Result $\geq 3.5 - < = 35$ OR eGFR Result $\geq 30 - < 45$ and ACR Result $< 35$
	NKPI-19290		eGFR Result $\geq 30$ and ACR Result $> 25$

			<i>OR eGFR Result &lt;30 and any ACR Result</i>
		NKPI-19332	<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 35</math></b> <i>OR eGFR Result &lt;30 and any ACR Result</i>
<b>Age 55-64 years</b>	NKPI-19270		<b>eGFR Result <math>\geq 60</math> and ACR Result <math>&lt; 2.5</math></b>
		NKPI-19312	<b>eGFR Result <math>\geq 60</math> and ACR Result <math>&lt; 3.5</math></b>
	NKPI-19277		<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>&lt; 2.5</math> OR</b> <b>eGFR Result <math>\geq 60</math> and ACR <math>\geq 2.5 - \leq 25</math></b>
		NKPI-19319	<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>&lt; 3.5</math> OR</b> <b>eGFR Result <math>\geq 60</math> and ACR <math>\geq 3.5 - \leq 35</math></b>
	NKPI-19284		<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>\geq 2.5 - \leq 25</math></b> <i>OR eGFR Result <math>\geq 30 - &lt; 45</math> and ACR Result <math>&lt; 25</math></i>
		NKPI-19326	<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>\geq 3.5 - \leq 35</math></b> <i>OR eGFR Result <math>\geq 30 - &lt; 45</math> and ACR Result <math>&lt; 35</math></i>
	NKPI-19291		<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 25</math></b> <i>OR eGFR Result &lt;30 and any ACR Result</i>
		NKPI-19333	<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 35</math></b> <i>OR eGFR Result &lt;30 and any ACR Result</i>
<b>Age 65+ years</b>	NKPI-19271		<b>eGFR Result <math>\geq 60</math> and ACR Result <math>&lt; 2.5</math></b>
		NKPI-19313	<b>eGFR Result <math>\geq 60</math> and ACR Result <math>&lt; 3.5</math></b>
	NKPI-19278		<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>&lt; 2.5</math> OR</b> <b>eGFR Result <math>\geq 60</math> and ACR <math>\geq 2.5 - \leq 25</math></b>
		NKPI-19320	<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>&lt; 3.5</math> OR</b> <b>eGFR Result <math>\geq 60</math> and ACR <math>\geq 3.5 - \leq 35</math></b>
	NKPI-19285		<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>\geq 2.5 - \leq 25</math></b> <i>OR eGFR Result <math>\geq 30 - &lt; 45</math> and ACR Result <math>&lt; 25</math></i>
		NKPI-19327	<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>\geq 3.5 - \leq 35</math></b> <i>OR eGFR Result <math>\geq 30 - &lt; 45</math> and ACR Result <math>&lt; 35</math></i>
	NKPI-19292		<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 25</math></b> <i>OR eGFR Result &lt;30 and any ACR Result</i>
		NKPI-19334	<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 35</math></b> <i>OR eGFR Result &lt;30 and any ACR Result</i>

#### 4.20.3. Type 2 Diabetes and/or Cardiovascular Disease<sup>1 & 2</sup>

	<b>Sex Male</b>	<b>Sex Female</b>	
<b>Age 18-24 years</b>	NKPI-19449		<b>eGFR Result <math>\geq 60</math> and ACR Result <math>&lt; 2.5</math></b>
		NKPI-19453	<b>eGFR Result <math>\geq 60</math> and ACR Result <math>&lt; 3.5</math></b>
	NKPI-19450		<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>&lt; 2.5</math> OR</b> <b>eGFR Result <math>\geq 60</math> and ACR <math>\geq 2.5 - \leq 25</math></b>
		NKPI-19454	<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>&lt; 3.5</math> OR</b> <b>eGFR Result <math>\geq 60</math> and ACR <math>\geq 3.5 - \leq 35</math></b>
	NKPI-19451		<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>\geq 2.5 - \leq 25</math></b> <i>OR eGFR Result <math>\geq 30 - &lt; 45</math> and ACR Result <math>&lt; 25</math></i>
		NKPI-19455	<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>\geq 3.5 - \leq 35</math></b> <i>OR eGFR Result <math>\geq 30 - &lt; 45</math> and ACR Result <math>&lt; 35</math></i>
	NKPI-19452		<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 25</math></b> <i>OR eGFR Result &lt;30 and any ACR Result</i>
		NKPI-19456	<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 35</math></b> <i>OR eGFR Result &lt;30 and any ACR Result</i>
<b>Age 25-34 years</b>	NKPI-19351		<b>eGFR Result <math>\geq 60</math> and ACR Result <math>&lt; 2.5</math></b>
		NKPI-19393	<b>eGFR Result <math>\geq 60</math> and ACR Result <math>&lt; 3.5</math></b>
	NKPI-19358		<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>&lt; 2.5</math> OR</b> <b>eGFR Result <math>\geq 60</math> and ACR <math>\geq 2.5 - \leq 25</math></b>
		NKPI-19400	<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>&lt; 3.5</math> OR</b> <b>eGFR Result <math>\geq 60</math> and ACR <math>\geq 3.5 - \leq 35</math></b>
	NKPI-19365		<b>eGFR Result <math>\geq 45 - &lt; 60</math> and ACR Result <math>\geq 2.5 - \leq 25</math></b> <i>OR eGFR Result <math>\geq 30 - &lt; 45</math> and ACR Result <math>&lt; 25</math></i>

		NKPI-19407	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 35$
		NKPI-19372	eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19414	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
<b>Age 35-44 years</b>		NKPI-19352	eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19394	eGFR Result $\geq 60$ and ACR Result $< 3.5$
		NKPI-19359	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19401	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
		NKPI-19366	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 25$
		NKPI-19408	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 35$
		NKPI-19373	eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19415	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
<b>Age 45-54 years</b>		NKPI-19353	eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19395	eGFR Result $\geq 60$ and ACR Result $< 3.5$
		NKPI-19360	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19402	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
		NKPI-19367	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 25$
		NKPI-19409	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 35$
		NKPI-19374	eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
		NKPI-19416	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result
<b>Age 55-64 years</b>		NKPI-19354	eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19396	eGFR Result $\geq 60$ and ACR Result $< 3.5$
		NKPI-19361	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19403	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
		NKPI-19368	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 25$
		NKPI-19410	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 3.5$ - $\leq 35$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 35$
		NKPI-19375	eGFR Result $\geq 30$ and ACR Result $> 25$ OR eGFR Result $< 30$ and any ACR Result
	NKPI-19417	eGFR Result $\geq 30$ and ACR Result $> 35$ OR eGFR Result $< 30$ and any ACR Result	
<b>Age 65+ years</b>		NKPI-19355	eGFR Result $\geq 60$ and ACR Result $< 2.5$
		NKPI-19397	eGFR Result $\geq 60$ and ACR Result $< 3.5$
		NKPI-19362	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 2.5$ OR eGFR Result $\geq 60$ and ACR $\geq 2.5$ - $\leq 25$
		NKPI-19404	eGFR Result $\geq 45$ - $< 60$ and ACR Result $< 3.5$ OR eGFR Result $\geq 60$ and ACR $\geq 3.5$ - $\leq 35$
		NKPI-19369	eGFR Result $\geq 45$ - $< 60$ and ACR Result $\geq 2.5$ - $\leq 25$ OR eGFR Result $\geq 30$ - $< 45$ and ACR Result $< 25$

		NKPI-19411	<b>eGFR Result <math>\geq 45</math> - <math>&lt; 60</math> and ACR Result <math>\geq 3.5</math> - <math>\leq 35</math> OR eGFR Result <math>\geq 30</math> - <math>&lt; 45</math> and ACR Result <math>&lt; 35</math></b>
	NKPI-19376		<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 25</math> OR eGFR Result <math>&lt; 30</math> and any ACR Result</b>
		NKPI-19418	<b>eGFR Result <math>\geq 30</math> and ACR Result <math>&gt; 35</math> OR eGFR Result <math>&lt; 30</math> and any ACR Result</b>

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

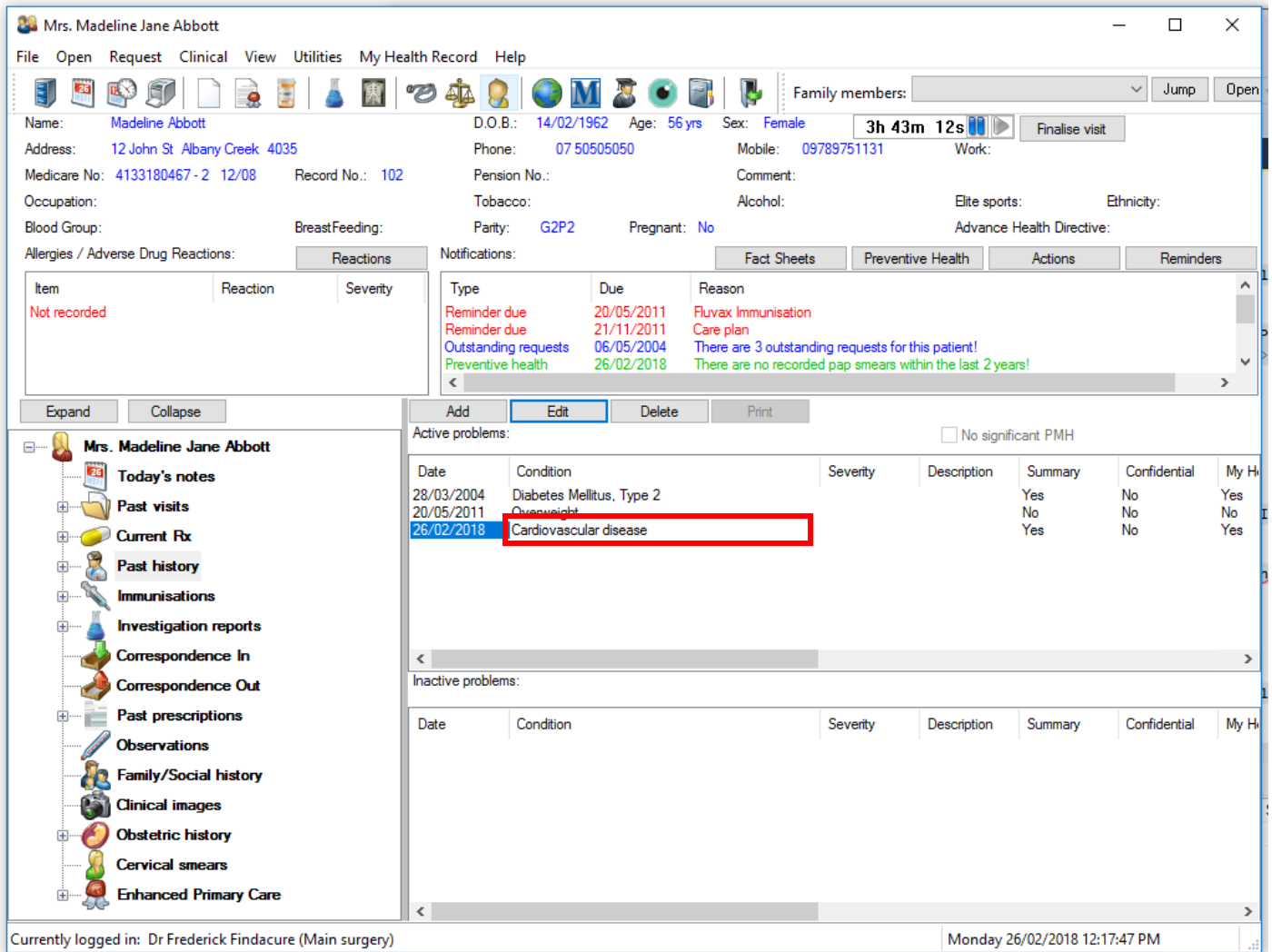
<sup>2</sup>Cardiovascular Disease includes the following term names within Past History: Abnormal heart chamber dimensions; Accessory atrioventricular pathways; Acute cardiac failure; Acute coronary insufficiency; Acute heart failure; Acute myocardial infarction; AF; Alcoholic cardiomyopathy; AMI; Amyloid cardiomyopathy; Angina pectoris; Angina, unstable; Angina; Angioplasty, coronary; Anterior myocardial infarct; Anterolateral myocardial infarct; Arrhythmia, atrial fibrillation; Arrhythmia, atrial flutter; Arrhythmia, bradycardia; Arrhythmia, nodal tachycardia; Arrhythmia, SVT; Arrhythmia, tachycardia; Arrhythmia, ventricular fibrillation; Arrhythmia, ventricular tachycardia; Atrial fibrillation; Atrial flutter; Atrial tachycardia; Atrio-Ventricular Block; Autosomal recessive long QT syndrome; AV Block; Balloon coronary angioplasty; Bigeminy; Biventricular heart failure; Bradyarrhythmia; Bradycardia; Broken heart syndrome; CABG; Cardiac bradyarrhythmia; Cardiac failure, acute; Cardiac failure; Cardioauditory syndrome; Cardiocutaneous syndrome; Cardiofaciocutaneous syndrome; Cardiogenic shock; Cardiomegaly; Cardiomyopathic lentiginosis; Cardiomyopathy, alcoholic; Cardiomyopathy, amyloid; Cardiomyopathy, congenital; Cardiomyopathy, congestive; Cardiomyopathy, dilated; Cardiomyopathy, haemochromatosis; Cardiomyopathy, hypertensive; Cardiomyopathy, hypertrophic; Cardiomyopathy, idiopathic; Cardiomyopathy, ischaemic; Cardiomyopathy, peripartum; Cardiomyopathy, restrictive; Cardiomyopathy, selenium deficiency; Cardiomyopathy; Cardiovascular disease; Cardioversion - failed; Cardioversion, elective; Cardioversion; Care plan, chronic heart disease; CCF; Chronic heart disease care plan review; Chronic heart disease care plan; Collapse; Complete heart block; Congenital cardiomyopathy; Congenital heart block; Congenital heart defect; Congenital heart disease; Congestive cardiac failure; Congestive cardiomyopathy; Congestive heart failure; Cor pulmonale; Cor Triatriatum; Coronary angioplasty with stent; Coronary angioplasty; Coronary artery bypass graft; Coronary artery disease; Coronary artery endarterectomy; Coronary artery spasm; Coronary artery stent; Coronary endarterectomy; Coronary heart disease; Coronary insufficiency; Coronary occlusion; Cyanotic heart disease; Diastolic cardiac dysfunction; Diastolic heart failure; Dilated cardiomyopathy; Dressler's syndrome; Ectopics, ventricular; Elective cardioversion; Fibrillation, atrial; Fibrillation, ventricular; First degree heart block; Haemochromatosis cardiomyopathy; Heart attack; Heart block, congenital; Heart block, first degree; Heart block, second degree; Heart block, third degree; Heart block; Heart disease, valvular; Heart disease; Heart enlarged; Heart failure - mid range ejection fraction; Heart failure - preserved ejection fraction; Heart failure - reduced ejection fraction; Heart failure, acute; Heart failure, high output; Heart failure, left; Heart failure; Heart sounds - Split; Heart sounds - Triple rhythm; Heart surgery; Heart transplant; Heart valve replacement; HFmrEF; HFpEF; HFrEF; High output cardiac failure; High output heart failure; Hypertensive cardiomyopathy; Hypertensive heart disease; Hypertensive heart failure; Hypertrophic cardiomyopathy; Hypoplastic left heart syndrome; Idiopathic cardiomyopathy; IHD; Inferior myocardial infarction; Intraventricular Block; Intraventricular Heart Block; Ischaemic cardiomyopathy; Ischaemic heart disease; Jervell and Lange-Nielsen syndrome; Keshan disease; Left heart failure; Left Ventricular Failure; LEOPARD syndrome; LHF; LVF; MI; Mobitz type 1 A-V Block; Mobitz type 2 A-V Block; Multiple lentiginosis syndrome; Myocardial infarction, anterior; Myocardial infarction, anterolateral; Myocardial infarction, inferior; Myocardial infarction, Non STEMI; Myocardial infarction, posterior; Myocardial infarction, STEMI; Myocardial infarction, subendocardial; Myocardial infarction, superior; Myocardial infarction; Neurocardiogenic syncope; Nodal tachycardia; Non ST elevation myocardial infarction; NSTEMI; Occlusion, Coronary artery; Open heart surgery; Organic Heart Disease; PCTA; Percutaneous transluminal angioplasty; Percutaneous transluminal coronary angioplasty; Peripartum cardiomyopathy; Post streptococcal heart disease; Post streptococcal valve disease; Postcardiotomy syndrome; Posterior myocardial infarct; Postmyocardial infarction syndrome; Postpericardiotomy syndrome; Preexcitation syndrome; Preinfarction syndrome; Premature ventricular contractions; Prinzmetal angina; Progressive cardiomyopathic lentiginosis; Prosthetic heart valve endocarditis; Prosthetic heart valve; Rapid AF; Rapid atrial fibrillation; Rapid pulse; Restrictive cardiomyopathy; Rheumatic heart disease; Rheumatic myocarditis;

Rheumatic pancarditis; Rheumatic valve disease; RHF; Right heart failure; Right ventricular failure; RVF; Second degree heart block; Shock, cardiogenic; Sick sinus syndrome; Sino-Atrial heart block; Sinus node dysfunction; Split heart sounds; ST elevation myocardial infarction; STEMI; Stent, coronary artery; Stress-induced cardiomyopathy; Subendocardial infarct; Subendocardial myocardial infarct; Superior myocardial infarct; Supraventricular tachycardia; Surdocardiac syndrome; SVT; Syncope, vasovagal; Systolic cardiac dysfunction; Systolic heart failure; Tachycardia, nodal; Tachycardia, supraventricular; Tachycardia, ventricular; Tachycardia; Takotsubo cardiomyopathy; Third degree heart block; Transient apical ballooning; Transplant, heart; Triatrial heart; Triple rhythm heart sounds; Unstable angina; Valvular disease of heart; Valvular heart disease; Variant angina; Vasovagal attack; Vasovagal syncope; Ventricular bigeminy; Ventricular diastolic dysfunction; Ventricular ectopics; Ventricular extrasystoles; Ventricular fibrillation; Ventricular tachycardia; VF; VT; Wenkebach phenomenon; Wolff Parkinson White syndrome; WPW;



## 4.21. NKPI-20 – Clients with no known Cardiovascular Disease with information available to calculate their CVD risk

The NKPI-20 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-20 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have no Past History record for a **condition** that is a *Cardiovascular Disease*<sup>1</sup>.



The screenshot shows the patient record for Mrs. Madeline Jane Abbott. Key details include:

- Name: Madeline Abbott
- D.O.B.: 14/02/1962, Age: 56 yrs, Sex: Female
- Address: 12 John St Albany Creek 4035
- Phone: 07 50505050, Mobile: 09789751131
- Medicare No.: 4133180467 - 2 12/08, Record No.: 102
- Occupation: , Tobacco: , Alcohol: , Elite sports: , Ethnicity:
- Blood Group: , BreastFeeding: , Parity: G2P2, Pregnant: No
- Advance Health Directive:

The 'Active problems' table is as follows:

Date	Condition	Severity	Description	Summary	Confidential	My H
28/03/2004	Diabetes Mellitus, Type 2			Yes	No	Yes
20/05/2011	Overweight			No	No	No
26/02/2018	Cardiovascular disease			Yes	No	Yes

The 'Inactive problems' table is currently empty.

In order to appear in the numerator for this measure, the Patient must meet all criteria required to appear in the denominator, and all the information required to calculate their **absolute CVD risk** must be present in the database recorded within the past 24 months. Data that must be present includes:

### Smoking Status

Recorded in the **Smoking** screen:

**Family & Social History**

Family  
Social  
Occupation  
Alcohol  
Tobacco

**Current Smoking History**

Non smoker  Ex smoker  Smoker

Year started: [ ]

**Past Smoking History**

Light  Moderate  Heavy

Year started: [ ] Year stopped: [ ]

Details: [ ]

Save Cancel

### Systolic Blood Pressure

Recorded in the **Observations** screen:

**Observations**

Date: 23/02/2018

Temp: [ ] [ ]

Pulse: [ ] [ ]

BP Sitting: [ ] / [ ]

BP Standing: [ ] / [ ]

BP Lying: [ ] / [ ]

Resp. rate: [ ] O2 Sat.: [ ]

Weight: [ ] Height: [ ]

Waist: [ ] Hips: [ ]

Chest (Insp.): [ ] Chest (Exp.): [ ]

BSL: [ ] [ ]

Save Close

### Total Cholesterol

Available in the **Atomised Values** window of the **Investigation Reports** screen.

	29/06/2010	17/03/2011	26/08/2011	25/05/2017
Albumin/Creat ratio			7.6	
Bicarbonate		19		
Chloride		104		
<b>Cholesterol</b>			4.5	56
Cholesterol/HDL Ratio			4.5	
Creat Rand Ur			4.5	
Creatinine		48		
Glucose Random			7.0	
Hb A1c			6.3	
HbA1c (SI)			45	655
HDL Cholesterol			1.0	
INR	5.0			
LDL Cholesterol			3.0	
PoQLDsium		5.4		
Quantitative hCG				
Sodium		137		
Triglyceride			1.0	
Urea		3.9		
Urine Albumin			34	

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### HDL Cholestrol

Available in the **Atomised Values** window of the **Investigation Reports** screen.

	29/06/2010	17/03/2011	26/08/2011	25/05/2017
Albumin/Creat ratio			7.6	
Bicarbonate		19		
Chloride		104		
Cholesterol			4.5	56
Cholesterol/HDL Ratio			4.5	
Creat Rand Ur			4.5	
Creatinine		48		
Glucose Random			7.0	
Hb A1c			6.3	
HbA1c (SI)			45	655
HDL Cholesterol			1.0	
INR	5.0			
LDL Cholesterol			3.0	
PoQLDsium		5.4		
Quantitative hCG				
Sodium		137		
Triglyceride			1.0	
Urea		3.9		
Urine Albumin			34	

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	Sex Male	Sex Female
Age 35-44 years	NKPI-20001	NKPI-20005
Age 45-54 years	NKPI-20002	NKPI-20006
Age 55-64 years	NKPI-20003	NKPI-20007
Age 65-74 years	NKPI-20004	NKPI-20008

<sup>1</sup>Cardiovascular Disease includes the following term names within Past History: Abnormal heart chamber dimensions; Accessory atrioventricular pathways; Acute cardiac failure; Acute coronary insufficiency; Acute heart failure; Acute myocardial infarction; AF; Alcoholic cardiomyopathy; AMI; Amyloid cardiomyopathy; Angina pectoris; Angina, unstable; Angina; Angioplasty, coronary; Anterior myocardial infarct; Anterolateral myocardial infarct; Arrhythmia, atrial fibrillation; Arrhythmia, atrial flutter; Arrhythmia, bradycardia; Arrhythmia, nodal tachycardia; Arrhythmia, SVT; Arrhythmia, tachycardia; Arrhythmia, ventricular fibrillation; Arrhythmia, ventricular tachycardia; Atrial fibrillation; Atrial flutter; Atrial tachycardia; Atrio-Ventricular Block; Autosomal recessive long QT syndrome; AV Block; Balloon coronary angioplasty; Bigeminy; Biventricular heart failure; Bradyarrhythmia; Bradycardia; Broken heart syndrome; CABG; Cardiac bradyarrhythmia; Cardiac failure, acute; Cardiac failure; Cardioauditory syndrome; Cardiocutaneous syndrome; Cardiofaciocutaneous syndrome; Cardiogenic shock; Cardiomegaly; Cardiomyopathic lentiginosis; Cardiomyopathy, alcoholic; Cardiomyopathy, amyloid; Cardiomyopathy, congenital; Cardiomyopathy, congestive; Cardiomyopathy, dilated; Cardiomyopathy, haemochromatosis; Cardiomyopathy, hypertensive; Cardiomyopathy, hypertrophic; Cardiomyopathy, idiopathic; Cardiomyopathy, ischaemic; Cardiomyopathy, peripartum; Cardiomyopathy, restrictive; Cardiomyopathy, selenium deficiency; Cardiomyopathy; Cardiovascular disease; Cardioversion - failed; Cardioversion, elective; Cardioversion; Care plan, chronic heart disease; CCF; Chronic heart disease care plan review; Chronic heart disease care plan; Collapse; Complete heart block; Congenital cardiomyopathy; Congenital heart block; Congenital heart defect; Congenital heart disease; Congestive cardiac failure; Congestive cardiomyopathy; Congestive heart failure; Cor pulmonale; Cor Triatriatum; Coronary angioplasty with stent; Coronary angioplasty; Coronary artery bypass graft; Coronary artery disease; Coronary artery endarterectomy; Coronary artery spasm; Coronary artery stent; Coronary endarterectomy; Coronary heart disease; Coronary insufficiency; Coronary

occlusion; Cyanotic heart disease; Diastolic cardiac dysfunction; Diastolic heart failure; Dilated cardiomyopathy; Dressler's syndrome; Ectopics, ventricular; Elective cardioversion; Fibrillation, atrial; Fibrillation, ventricular; First degree heart block; Haemochromatosis cardiomyopathy; Heart attack; Heart block, congenital; Heart block, first degree; Heart block, second degree; Heart block, third degree; Heart block; Heart disease, valvular; Heart disease; Heart enlarged; Heart failure - mid range ejection fraction; Heart failure - preserved ejection fraction; Heart failure - reduced ejection fraction; Heart failure, acute; Heart failure, high output; Heart failure, left; Heart failure; Heart sounds - Split; Heart sounds - Triple rhythm; Heart surgery; Heart transplant; Heart valve replacement; HFmrEF; HFpEF; HFrEF; High output cardiac failure; High output heart failure; Hypertensive cardiomyopathy; Hypertensive heart disease; Hypertensive heart failure; Hypertrophic cardiomyopathy; Hypoplastic left heart syndrome; Idiopathic cardiomyopathy; IHD; Inferior myocardial infarction; Intraventricular Block; Intraventricular Heart Block; Ischaemic cardiomyopathy; Ischaemic heart disease; Jervell and Lange-Nielsen syndrome; Keshan disease; Left heart failure; Left Ventricular Failure; LEOPARD syndrome; LHF; LVF; MI; Mobitz type 1 A-V Block; Mobitz type 2 A-V Block; Multiple lentiginos syndrome; Myocardial infarction, anterior; Myocardial infarction, anterolateral; Myocardial infarction, inferior; Myocardial infarction, Non STEMI; Myocardial infarction, posterior; Myocardial infarction, STEMI; Myocardial infarction, subendocardial; Myocardial infarction, superior; Myocardial infarction; Neurocardiogenic syncope; Nodal tachycardia; Non ST elevation myocardial infarction; NSTEMI; Occlusion, Coronary artery; Open heart surgery; Organic Heart Disease; PCTA; Percutaneous transluminal angioplasty; Percutaneous transluminal coronary angioplasty; Peripartum cardiomyopathy; Post streptococcal heart disease; Post streptococcal valve disease; Postcardiotomy syndrome; Posterior myocardial infarct; Postmyocardial infarction syndrome; Postpericardiotomy syndrome; Preexcitation syndrome; Preinfarction syndrome; Premature ventricular contractions; Prinzmetal angina; Progressive cardiomyopathic lentiginosis; Prosthetic heart valve endocarditis; Prosthetic heart valve; Rapid AF; Rapid atrial fibrillation; Rapid pulse; Restrictive cardiomyopathy; Rheumatic heart disease; Rheumatic myocarditis; Rheumatic pancarditis; Rheumatic valve disease; RHF; Right heart failure; Right ventricular failure; RVF; Second degree heart block; Shock, cardiogenic; Sick sinus syndrome; Sino-Atrial heart block; Sinus node dysfunction; Split heart sounds; ST elevation myocardial infarction; STEMI; Stent, coronary artery; Stress-induced cardiomyopathy; Subendocardial infarct; Subendocardial myocardial infarct; Superior myocardial infarct; Supraventricular tachycardia; Surdocardiac syndrome; SVT; Syncope, vasovagal; Systolic cardiac dysfunction; Systolic heart failure; Tachycardia, nodal; Tachycardia, supraventricular; Tachycardia, ventricular; Tachycardia; Takotsubo cardiomyopathy; Third degree heart block; Transient apical ballooning; Transplant, heart; Triatrial heart; Triple rhythm heart sounds; Unstable angina; Valvular disease of heart; Valvular heart disease; Variant angina; Vasovagal attack; Vasovagal syncope; Ventricular bigeminy; Ventricular diastolic dysfunction; Ventricular ectopics; Ventricular extrasystoles; Ventricular fibrillation; Ventricular tachycardia; VF; VT; Wenkebach phenomenon; Wolff Parkinson White syndrome; WPW;

## 4.22. NKPI-21 – Clients with a given CVD Risk calculated

The NKPI-21 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-21 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have no Past History record for a **condition** that is a **Cardiovascular Disease**<sup>1</sup>.

The screenshot displays the patient record for Mrs. Madeline Jane Abbott. The interface includes a menu bar, a toolbar, and a main content area with several sections:

- Patient Information:** Name: Madeline Abbott, D.O.B.: 14/02/1962, Age: 56 yrs, Sex: Female, Address: 12 John St Albany Creek 4035, Phone: 07 50505050, Mobile: 09789751131, Medicare No.: 4133180467-2 12/08, Record No.: 102, Pension No.: , Comment: , Occupation: , Tobacco: , Alcohol: , Elite sports: , Ethnicity: , Blood Group: , BreastFeeding: , Parity: G2P2, Pregnant: No, Advance Health Directive: .
- Notifications:** A list of notifications including reminders for Fluvax Immunisation (20/05/2011), Care plan (21/11/2011), outstanding requests (06/05/2004), and preventive health (26/02/2018).
- Active problems:** A table listing active conditions. The entry for 'Cardiovascular disease' on 26/02/2018 is highlighted with a red box.
 

Date	Condition	Severity	Description	Summary	Confidential	My H
28/03/2004	Diabetes Mellitus, Type 2			Yes	No	Yes
20/05/2011	Overweight			No	No	No
26/02/2018	Cardiovascular disease			Yes	No	Yes
- Inactive problems:** A table for inactive conditions, currently empty.
- Left Navigation Panel:** Contains icons and labels for various record sections: Today's notes, Past visits, Current Rx, Past history, Immunisations, Investigation reports, Correspondence In, Correspondence Out, Past prescriptions, Observations, Family/Social history, Clinical images, Obstetric history, Cervical smears, and Enhanced Primary Care.

At the bottom, it shows 'Currently logged in: Dr Frederick Findacure (Main surgery)' and the date/time 'Monday 26/02/2018 12:17:47 PM'.

In order to appear in the numerator for this measure, the Patient must meet all criteria required to appear in the denominator, and an **absolute CVD risk** observation must be present in the database recorded within the past 24 months, within the range specified in the table. The **CVD Risk** can be calculated from the **Cardiovascular Risk** screen and appears in the **Observations** screen for the patient once calculated.

**Cardiovascular risk**

Systolic BP:

Total Cholesterol:

HDL Cholesterol:

LVH on ECG:

Diabetes:

Smoked within last 12 months:

**28%** probability of developing cardiovascular disease in the next five years.

Reference Save Cancel

Mrs. Madeline Jane Abbott

File Open Request Clinical View Utilities My Health Record Help

Name: Madeline Abbott D.O.B.: 14/02/1962 Age: 56 yrs Sex: Female 3h 50m 9s Finalise visit

Address: 12 John St Albany Creek 4035 Phone: 07 50505050 Mobile: 09789751131 Work:

Medicare No: 4133180467 - 2 12/08 Record No.: 102 Pension No.: Comment:

Occupation: Tobacco: Alcohol: Elite sports: Ethnicity:

Blood Group: BreastFeeding: Parity: G2P2 Pregnant: No Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions

Item	Reaction	Severity
Not recorded		

Notifications: Fact Sheets Preventive Health Actions Reminders

Type	Due	Reason
Reminder due	20/05/2011	Fluvax Immunisation
Reminder due	21/11/2011	Care plan
Outstanding requests	06/05/2004	There are 3 outstanding requests for this patient!
Preventive health	26/02/2018	There are no recorded pap smears within the last 2 years!

Expand Collapse Add Edit Delete Print Graph

Mrs. Madeline Jane Abbott

- Today's notes
- Past visits
- Current Rx
- Past history
- Immunisations
- Investigation reports
- Correspondence In
- Correspondence Out
- Past prescriptions
- Observations
- Family/Social history
- Clinical images
- Obstetric history
- Cervical smears
- Enhanced Primary Care

	30/03/2004	20/05/2011	27/10/2011	25/05/2017	26/02/2018
Temp					
Pulse	82	115			
BP	125/85	135/95	125/80	451/545	
BP (Standing)					
BP (Lying)					
Resp					
BSL			7.5 Non-fasting		
Height		158	158	200	
Weight		110	100	332	
BMI		44.1	40.1	83.0	
Head Circ.					
Waist				36	
Hips					
Waist/Hip					
Chest (Inspiration)					
Chest (Expiration)					
MMSE					
K10					
Diabetes risk					
O2 Saturation					
PFER					
CV risk					28

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	Sex Male	Sex Female	
Age 35-44 years	NKPI-21001	NKPI-21005	CVD Risk High (>15%)
	NKPI-21009	NKPI-21013	CVD Risk Moderate (10-15%)

	NKPI-21017	NKPI-21021	<b>CVD Risk Low (&lt;10%)</b>
<b>Age 45-54 years</b>	NKPI-21002	NKPI-21006	<b>CVD Risk High (&gt;15%)</b>
	NKPI-21010	NKPI-21014	<b>CVD Risk Moderate (10-15%)</b>
	NKPI-21018	NKPI-21022	<b>CVD Risk Low (&lt;10%)</b>
<b>Age 55-64 years</b>	NKPI-21003	NKPI-21007	<b>CVD Risk High (&gt;15%)</b>
	NKPI-21011	NKPI-21015	<b>CVD Risk Moderate (10-15%)</b>
	NKPI-21019	NKPI-21023	<b>CVD Risk Low (&lt;10%)</b>
<b>Age 65-74 years</b>	NKPI-21004	NKPI-21008	<b>CVD Risk High (&gt;15%)</b>
	NKPI-21012	NKPI-21016	<b>CVD Risk Moderate (10-15%)</b>
	NKPI-21020	NKPI-21024	<b>CVD Risk Low (&lt;10%)</b>

<sup>1</sup>Cardiovascular Disease includes the following term names within Past History: Abnormal heart chamber dimensions; Accessory atrioventricular pathways; Acute cardiac failure; Acute coronary insufficiency; Acute heart failure; Acute myocardial infarction; AF; Alcoholic cardiomyopathy; AMI; Amyloid cardiomyopathy; Angina pectoris; Angina, unstable; Angina; Angioplasty, coronary; Anterior myocardial infarct; Anterolateral myocardial infarct; Arrhythmia, atrial fibrillation; Arrhythmia, atrial flutter; Arrhythmia, bradycardia; Arrhythmia, nodal tachycardia; Arrhythmia, SVT; Arrhythmia, tachycardia; Arrhythmia, ventricular fibrillation; Arrhythmia, ventricular tachycardia; Atrial fibrillation; Atrial flutter; Atrial tachycardia; Atrio-Ventricular Block; Autosomal recessive long QT syndrome; AV Block; Balloon coronary angioplasty; Bigeminy; Biventricular heart failure; Bradyarrhythmia; Bradycardia; Broken heart syndrome; CABG; Cardiac bradyarrhythmia; Cardiac failure, acute; Cardiac failure; Cardioauditory syndrome; Cardiocutaneous syndrome; Cardiac cutaneous syndrome; Cardiogenic shock; Cardiomegaly; Cardiomyopathic lentiginosis; Cardiomyopathy, alcoholic; Cardiomyopathy, amyloid; Cardiomyopathy, congenital; Cardiomyopathy, congestive; Cardiomyopathy, dilated; Cardiomyopathy, haemochromatosis; Cardiomyopathy, hypertensive; Cardiomyopathy, hypertrophic; Cardiomyopathy, idiopathic; Cardiomyopathy, ischaemic; Cardiomyopathy, peripartum; Cardiomyopathy, restrictive; Cardiomyopathy, selenium deficiency; Cardiomyopathy; Cardiovascular disease; Cardioversion - failed; Cardioversion, elective; Cardioversion; Care plan, chronic heart disease; CCF; Chronic heart disease care plan review; Chronic heart disease care plan; Collapse; Complete heart block; Congenital cardiomyopathy; Congenital heart block; Congenital heart defect; Congenital heart disease; Congestive cardiac failure; Congestive cardiomyopathy; Congestive heart failure; Cor pulmonale; Cor Triatriatum; Coronary angioplasty with stent; Coronary angioplasty; Coronary artery bypass graft; Coronary artery disease; Coronary artery endarterectomy; Coronary artery spasm; Coronary artery stent; Coronary endarterectomy; Coronary heart disease; Coronary insufficiency; Coronary occlusion; Cyanotic heart disease; Diastolic cardiac dysfunction; Diastolic heart failure; Dilated cardiomyopathy; Dressler's syndrome; Ectopics, ventricular; Elective cardioversion; Fibrillation, atrial; Fibrillation, ventricular; First degree heart block; Haemochromatosis cardiomyopathy; Heart attack; Heart block, congenital; Heart block, first degree; Heart block, second degree; Heart block, third degree; Heart block; Heart disease, valvular; Heart disease; Heart enlarged; Heart failure - mid range ejection fraction; Heart failure - preserved ejection fraction; Heart failure - reduced ejection fraction; Heart failure, acute; Heart failure, high output; Heart failure, left; Heart failure; Heart sounds - Split; Heart sounds - Triple rhythm; Heart surgery; Heart transplant; Heart valve replacement; HFmrEF; HFpEF; HFrEF; High output cardiac failure; High output heart failure; Hypertensive cardiomyopathy; Hypertensive heart disease; Hypertensive heart failure; Hypertrophic cardiomyopathy; Hypoplastic left heart syndrome; Idiopathic cardiomyopathy; IHD; Inferior myocardial infarction; Intraventricular Block; Intraventricular Heart Block; Ischaemic cardiomyopathy; Ischaemic heart disease; Jervell and Lange-Nielsen syndrome; Keshan disease; Left heart failure; Left Ventricular Failure; LEOPARD syndrome; LHF; LVF; MI; Mobitz type 1 A-V Block; Mobitz type 2 A-V Block; Multiple lentiginosis syndrome; Myocardial infarction, anterior; Myocardial infarction, anterolateral; Myocardial infarction, inferior; Myocardial infarction, Non STEMI; Myocardial infarction, posterior; Myocardial infarction, STEMI; Myocardial infarction, subendocardial; Myocardial infarction, superior; Myocardial infarction; Neurocardiogenic syncope; Nodal tachycardia; Non ST elevation myocardial infarction; NSTEMI; Occlusion, Coronary artery; Open heart surgery; Organic Heart Disease; PCTA; Percutaneous transluminal angioplasty; Percutaneous transluminal coronary angioplasty; Peripartum cardiomyopathy; Post streptococcal heart disease; Post streptococcal valve disease; Postcardiotomy syndrome; Posterior myocardial infarct; Postmyocardial infarction syndrome; Postpericardiotomy syndrome; Preexcitation syndrome; Preinfarction syndrome; Premature ventricular contractions; Prinzmetal angina; Progressive cardiomyopathic lentiginosis; Prosthetic heart valve endocarditis; Prosthetic heart valve; Rapid AF; Rapid atrial fibrillation; Rapid pulse; Restrictive cardiomyopathy; Rheumatic heart disease; Rheumatic myocarditis; Rheumatic pancarditis; Rheumatic valve disease; RHF; Right heart failure; Right ventricular failure; RVF; Second



degree heart block; Shock, cardiogenic; Sick sinus syndrome; Sino-Atrial heart block; Sinus node dysfunction; Split heart sounds; ST elevation myocardial infarction; STEMI; Stent, coronary artery; Stress-induced cardiomyopathy; Subendocardial infarct; Subendocardial myocardial infarct; Superior myocardial infarct; Supraventricular tachycardia; Surdocardiac syndrome; SVT; Syncope, vasovagal; Systolic cardiac dysfunction; Systolic heart failure; Tachycardia, nodal; Tachycardia, supraventricular; Tachycardia, ventricular; Tachycardia; Takotsubo cardiomyopathy; Third degree heart block; Transient apical ballooning; Transplant, heart; Triatrial heart; Triple rhythm heart sounds; Unstable angina; Valvular disease of heart; Valvular heart disease; Variant angina; Vasovagal attack; Vasovagal syncope; Ventricular bigeminy; Ventricular diastolic dysfunction; Ventricular ectopics; Ventricular extrasystoles; Ventricular fibrillation; Ventricular tachycardia; VF; VT; Wenkebach phenomenon; Wolff Parkinson White syndrome; WPW;

### 4.23. NKPI-22 – Clients who have had a recent cervical screening

The NKPI-22 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-22 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal* or *Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the measure table below, have a **sex** of *female*, and have not had a *hysterectomy* recorded in their **Past History**.

The screenshot displays the patient record for Mrs. Madeline Jane Abbott. Key details include: Name: Madeline Abbott, D.O.B.: 14/02/1962, Age: 56 yrs, Sex: Female, Address: 12 John St Albany Creek 4035, Medicare No: 4133180467-2 12/08, Record No.: 102, Parity: G2P2, Pregnant: No. The interface includes a menu bar (File, Open, Request, Clinical, View, Utilities, My Health Record, Help), a toolbar with various icons, and a 'Family members' dropdown. A 'Reactions' table is empty, showing 'Not recorded'. A 'Notifications' section lists several items with due dates and reasons, such as 'Reminder due 20/05/2011 Fluvax Immunisation' and 'Preventive health 26/02/2018 There are no recorded pap smears within the last 2 years!'. The 'Active problems' table is shown below, with the 'Hysterectomy' entry on 26/02/2012 highlighted in red. The table columns are Date, Condition, Severity, Description, Summary, Confidential, and My H. The 'Inactive problems' section is currently empty.

Date	Condition	Severity	Description	Summary	Confidential	My H
28/03/2004	Diabetes Mellitus, Type 2			Yes	No	Yes
20/05/2011	Overweight			No	No	No
26/02/2012	Hysterectomy			Yes	No	Yes
26/02/2018	Cardiovascular disease			Yes	No	Yes

In order to appear in the numerator for this measure, the patient must meet all criteria to appear in the denominator, and have had a **cervical screening test** or **pap smear** recorded within the timeframe specified in the table below.

P266 Kpi11h

File Open Request Clinical View Utilities My Health Record Help

Family members: [dropdown] Jump Open

Name: P266 Kpi11h D.O.B.: 30/04/1982 Age: 35 yrs Sex: Female 0m 19s Finalise visit

Address: 11 Haven Street Botany 2019 Phone: Mobile: Work:

Medicare No: 5991029496 - 1 Record No.: Pension No.: Comment:

Occupation: Tobacco: Ex smoker Alcohol: Elite sports: Ethnicity: Aboriginal

Blood Group: BreastFeeding: Parity: Pregnant: No Advance Health Directive:

Allergies / Adverse Drug Reactions: Reactions Notifications: Fact Sheets Preventive Health Actions Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Preventive health	10/04/2018	There is no record of any cervical screening for this patient!
			Preventive health	10/04/2018	Influenza vaccination should be considered!

Expand Collapse Add Edit Delete Print

No longer requires cervical screening  Opt out of cervical screening Reason: [dropdown]

**Pap Smears**

Screen Date	Smear Result	Endocervical cells	HPV changes	Performed by
[Empty]				

**Cervical Screening Tests**

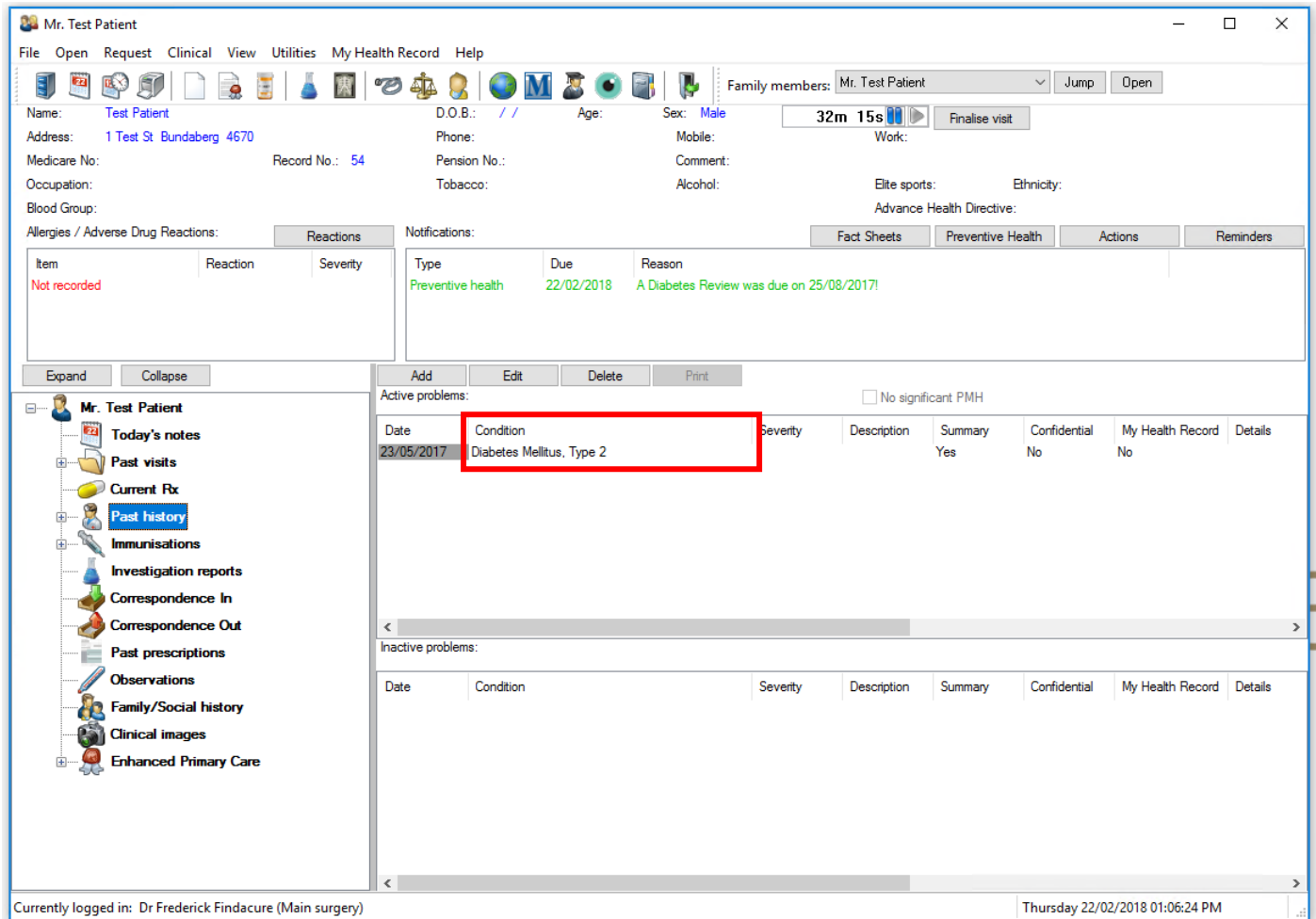
Screen Date	HPV 16	HPV 18	HPV Other	LBC Result	Endocervical cells
[Empty]					

Currently logged in: Mr Principal Doctor (Main surgery) Tuesday 10/04/2018 01:10:47 PM

Age 25-34 years	NKPI-22016
Age 35-44 years	NKPI-22017
Age 45-54 years	NKPI-22018
Age 55-64 years	NKPI-22019
Age 65-74 years	NKPI-22024

#### 4.24. NKPI-23 – Clients with Type 2 Diabetes who have had a Blood Pressure test in the last six months

The NKPI-23 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-23 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have a **Past History** record for *Type 2 Diabetes*<sup>1</sup>.



Mr. Test Patient

Name: Test Patient    D.O.B.: //    Age:    Sex: Male    32m 15s    Finalise visit

Address: 1 Test St Bundaberg 4670    Phone:    Mobile:    Work:

Medicare No:    Record No.: 54    Pension No.:    Comment:

Occupation:    Tobacco:    Alcohol:    Elite sports:    Ethnicity:

Blood Group:    Advance Health Directive:

Allergies / Adverse Drug Reactions:    Reactions    Notifications:    Fact Sheets    Preventive Health    Actions    Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Preventive health	22/02/2018	A Diabetes Review was due on 25/08/2017

Expand    Collapse    Add    Edit    Delete    Print

Active problems:     No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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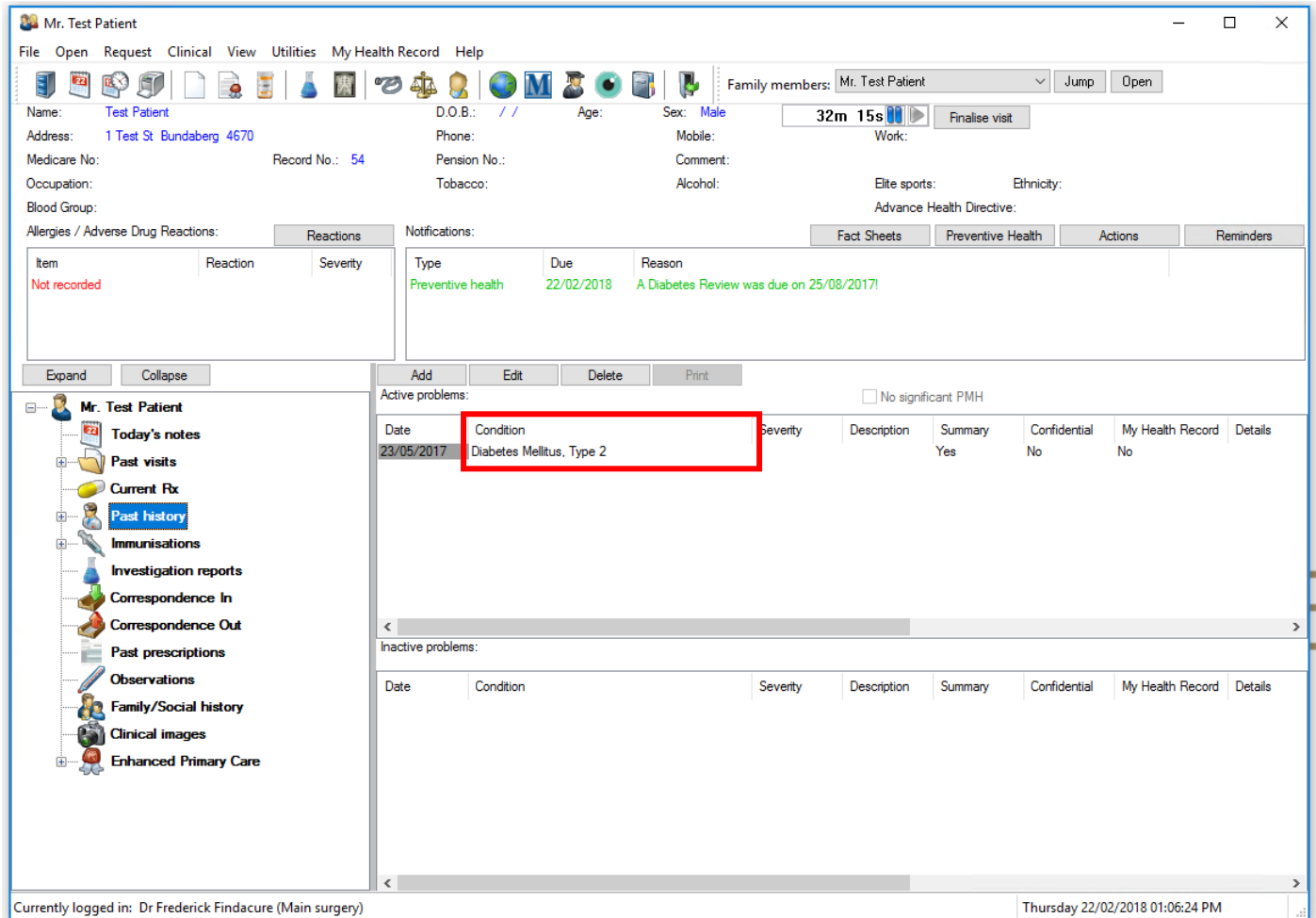
In order to appear in the numerator for this measure, the patient must meet all criteria to appear in the denominator, in addition to having an **Observation** record for both *Systolic* and *Diastolic Blood Pressure* within the previous six months.

	<b>Sex Male</b>	<b>Sex Female</b>
<b>Age 0-4 years</b>	NKPI-23001	NKPI-23009
<b>Age 5-14 years</b>	NKPI-23002	NKPI-23010
<b>Age 15-24 years</b>	NKPI-23003	NKPI-23011
<b>Age 25-34 years</b>	NKPI-23004	NKPI-23012
<b>Age 35-44 years</b>	NKPI-23005	NKPI-23013
<b>Age 45-54 years</b>	NKPI-23006	NKPI-23014
<b>Age 55-64 years</b>	NKPI-23007	NKPI-23015
<b>Age 65+ years</b>	NKPI-23008	NKPI-23016

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

#### 4.25. NKPI-24 – Clients with Type 2 Diabetes who have had a Blood Pressure test within a given range in the last six months

The NKPI-24 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-24 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have a **Past History** record for *Type 2 Diabetes*<sup>1</sup>, and have had their *Systolic* and *Diastolic Blood Pressure* recorded in the **Observations** screen in the previous six months.



Mr. Test Patient

Name: Test Patient      D.O.B.: //      Age:      Sex: Male      32m 15s      Finalise visit

Address: 1 Test St Bundaberg 4670      Phone:      Mobile:      Work:

Medicare No:      Record No.: 54      Pension No.:      Comment:

Occupation:      Tobacco:      Alcohol:      Elite sports:      Ethnicity:

Blood Group:      Advance Health Directive:

Allergies / Adverse Drug Reactions:      Reactions      Notifications:      Fact Sheets      Preventive Health      Actions      Reminders

Item	Reaction	Severity	Type	Due	Reason
Not recorded			Preventive health	22/02/2018	A Diabetes Review was due on 25/08/2017!

Expand      Collapse

Mr. Test Patient

- Today's notes
- Past visits
- Current Rx
- Past history
- Immunisations
- Investigation reports
- Correspondence In
- Correspondence Out
- Past prescriptions
- Observations
- Family/Social history
- Clinical images
- Enhanced Primary Care

Active problems:       No significant PMH

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
23/05/2017	Diabetes Mellitus, Type 2			Yes	No	No	

Inactive problems:

Date	Condition	Severity	Description	Summary	Confidential	My Health Record	Details
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In order to appear in the numerator for this measure, the patient must meet all criteria to appear in the denominator, in addition to having their most recent **Observation** record for *Systolic* and *Diastolic Blood Pressure* within the previous six months less than or equal to 140/90 mmHg.

	<b>Sex Male</b>	<b>Sex Female</b>
<b>Age 0-4 years</b>	NKPI-24001	NKPI-24009
<b>Age 5-14 years</b>	NKPI-24002	NKPI-24010
<b>Age 15-24 years</b>	NKPI-24003	NKPI-24011
<b>Age 25-34 years</b>	NKPI-24004	NKPI-24012
<b>Age 35-44 years</b>	NKPI-24005	NKPI-24013
<b>Age 45-54 years</b>	NKPI-24006	NKPI-24014
<b>Age 55-64 years</b>	NKPI-24007	NKPI-24015
<b>Age 65+ years</b>	NKPI-24008	NKPI-24016

<sup>1</sup>Type 2 Diabetes includes the following term names within Past History: Diabetes Mellitus, NIDDM; Diabetes Mellitus, Type 2; NIDDM; Non insulin dependent Diabetes Mellitus; Type 2 Diabetes Mellitus

#### 4.26. NKPI-25 – Clients who had a STI(s) result recorded (chlamydia and/or gonorrhoea) within the previous 12 months.

The NKPI-25 element consists of a number of measures, each containing a numerator and a denominator. In order to appear in the denominator for the NKPI-25 measures, the Patient must meet the definition of a *regular client* and have an **Ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*, be **aged** within the range specified in the below table for the measure, have the **sex** specified against the measure in the table below and have a **Test Name** for Chlamydia and/or Gonorrhoea.

	Sex Male	Sex Female
Age 15 – 19 years	NKPI-25001	NKPI-25005
Age 20 – 24 years	NKPI-25002	NKPI-25006
Age 25 – 29 years	NKPI-25003	NKPI-25007
Age 30 – 34 years	NKPI-25004	NKPI-25008

#### Chlamydia LOINC Codes for Test Names:

14463-4, 14464-2, 14465-9, 14467-5, 14470-9, 14471-7, 14472-5, 14474-1, 14509-4, 14510-2, 14511-0, 14513-6, 16593-6, 16600-9, 16601-7, 21189-6, 21190-4, 21191-2, 21192-0, 21613-5, 23838-6, 31765-1, 31767-7, 31771-9, 31772-7, 31775-0, 31776-8, 31777-6, 32001-0, 32004-4, 32671-0, 32774-2, 34708-8, 34709-6, 34710-4, 35412-6, 35711-1, 35713-7, 35714-5, 35715-2, 35716-0, 35717-8, 35718-6, 35721-0, 35724-4, 35725-1, 35726-9, 35727-7, 35728-5, 35729-3, 35730-1, 35736-8, 42931-6, 43304-5, 43404-3, 45078-3, 45080-9, 45084-1, 45085-8, 45086-6, 45089-0, 45090-8, 45091-6, 45092-4, 45093-2, 45095-7, 45096-5, 45097-3, 45098-1, 45100-5, 45101-3, 45103-9, 45104-7, 45105-4, 45106-2, 45107-0, 45108-8, 45112-0, 45113-8, 45114-6, 45115-3, 45131-0, 45132-8, 45133-6, 47211-8, 47212-6, 49096-1, 4993-2, 50311-0, 50387-0, 50411-8, 51578-3, 53925-4, 53926-2, 557-9, 558-7, 559-5, 560-3, 561-1, 57287-5, 57288-3, 6345-3, 6346-1, 6347-9, 6349-5, 6354-5, 6355-2, 6356-0, 6357-8, 80363-5, 80364-3, 80367-6, 82306-2, 88221-7, 89648-0, 91860-7, 91873-0

#### Chlamydia Non-LOINC Codes:

Chlamydia trachomatis DNA, Chlamydia RNA PCR

#### Chlamydia Text Strings for Test Names:

Chlamydial infection, Chlamydial STI, Chlamydia trachomati, Chlamydia trachomatis, Chlamydial trachomatis, c trachom, Chlamydial, Chlamydia, Chlam, ct main, CTNG,CT/NG

#### Chlamydia Text String Exclusions for Test Names:

PNEUMONIAE, PNEUM, PSITTACI, ORNITHOSIS, ORNI

#### Chlamydia LOINC Code Exclusions for Test Names:

100120-5, 100121-3, 100122-1, 100123-9, 100124-7, 100125-4, 10651-8, 10652-6, 10848-0, 10849-8, 11254-0, 13217-5, 13218-3, 13219-1, 13220-9, 13221-7, 13222-5, 13223-3, 13224-1, 14198-6, 14199-4, 14200-0, 14201-8, 14202-6, 14203-4, 14204-2, 14461-8, 14462-6, 14466-7, 14468-3, 14469-1, 14473-3, 14507-8, 14508-6, 14512-8, 16581-1, 16582-9, 16583-7, 16584-5, 16585-2, 16586-0, 16587-8, 16588-6, 16589-4, 16590-2, 16591-0, 16592-8, 16594-4, 16595-1, 16596-9, 16597-7, 16598-5, 16599-3, 16602-5, 18490-3, 18491-1, 18492-9, 20752-2, 20753-0, 20754-8, 20755-5, 20756-3, 20757-1, 20993-2, 21184-7, 21185-4, 21186-2, 21187-0, 21188-8, 22169-7, 22170-5, 22171-3, 22172-1, 22173-9, 22174-7, 22175-4, 22176-2, 22177-0, 22178-8, 22179-6, 22180-4, 22181-2, 22182-0, 22183-8, 22184-6, 22185-3, 22186-1, 22187-9, 22188-7, 22189-5, 22190-3, 22191-1, 22192-9, 22193-7, 22194-5, 22195-2, 22196-0, 22197-8, 22198-6, 22199-4, 22200-0, 22201-8, 22202-6, 22992-2, 22993-0, 22994-8, 22995-5, 22996-3, 22997-1, 22998-9, 22999-7, 23000-3, 23001-1, 23967-3, 23990-5, 24004-4, 24005-1, 24238-8, 24239-6, 24402-0, 25369-0, 26626-2, 26663-5, 26664-3, 26665-0, 26666-8, 26667-6, 26668-4, 26715-3, 27167-6, 27185-8, 27273-2, 27368-0, 27370-6, 27371-4, 27404-3, 28556-9, 28557-7, 28558-5, 29664-0, 29677-2, 29722-6, 30204-2, 30205-9, 31292-6, 31293-4, 31294-2, 31295-9, 31296-7, 31297-5, 31298-3, 31299-1, 31300-7, 31301-5, 31302-3, 31303-1, 31304-9, 31305-6, 31306-4, 31307-2, 31763-6, 31764-4, 31766-9, 31768-5, 31769-3, 31770-1, 31773-5, 31774-3, 31778-4, 31779-2, 31780-0, 32002-8, 32003-6, 32005-1, 32006-9, 32007-7, 33410-2, 33574-5, 33575-2, 33604-0, 33605-7, 33943-2, 34264-2, 34645-2, 34707-0, 35639-4, 35710-3, 35712-9, 35719-4, 35720-2, 35722-8,



35723-6, 38467-7, 38468-5, 38469-3, 39224-1, 40710-6, 40854-2, 40855-9, 40856-7, 41157-9, 41482-1, 43057-9, 43058-7, 43059-5, 43060-3, 43061-1, 43062-9, 43063-7, 43173-4, 43174-2, 43175-9, 43216-1, 43355-7, 43356-5, 43357-3, 43844-0, 43845-7, 43846-5, 43847-3, 43848-1, 43868-9, 44005-7, 44079-2, 44080-0, 44081-8, 44977-7, 44978-5, 44979-3, 44980-1, 44981-9, 44982-7, 44983-5, 44984-3, 44985-0, 44986-8, 44987-6, 44988-4, 44989-2, 44990-0, 44991-8, 44992-6, 44993-4, 44994-2, 44995-9, 44996-7, 44997-5, 44998-3, 44999-1, 45000-7, 45001-5, 45002-3, 45003-1, 45004-9, 45005-6, 45006-4, 45007-2, 45008-0, 45009-8, 45010-6, 45011-4, 45012-2, 45077-5, 45079-1, 45081-7, 45082-5, 45083-3, 45087-4, 45088-2, 45094-0, 45099-9, 45102-1, 45109-6, 45110-4, 45111-2, 45130-2, 45135-1, 46176-4, 46177-2, 46178-0, 46179-8, 47052-6, 47234-0, 50612-1, 5078-1, 5079-9, 5080-7, 5081-5, 5082-3, 5083-1, 5084-9, 5085-6, 5086-4, 5087-2, 5088-0, 5089-8, 5090-6, 51734-2, 51806-8, 51807-6, 51808-4, 51809-2, 54044-3, 556-1, 56909-5, 56910-3, 56911-1, 57679-3, 57680-1, 57817-9, 58758-4, 59065-3, 62864-4, 62865-1, 6338-8, 6339-6, 6340-4, 6341-2, 6342-0, 6343-8, 6344-6, 6348-7, 6350-3, 6351-1, 6352-9, 6353-7, 6358-6, 6912-0, 6913-8, 6914-6, 6915-3, 6916-1, 6917-9, 6918-7, 6919-5, 6920-3, 69865-4, 74241-1, 75757-5, 77166-7, 7821-2, 7822-0, 7823-8, 7824-6, 82178-5, 82957-2, 86659-0, 87949-4, 87950-2, 88546-7, 88547-5, 88718-2, 89640-7, 89641-5, 90361-7, 90362-5, 90363-3, 90365-8, 90763-4, 91861-5, 92133-8, 92577-6, 92859-8, 92860-6, 92986-9, 96075-7, 99105-9, 99778-3

**Gonorrhoea LOINC Codes for Test Names:**

14127-5, 21414-8, 21415-5, 21416-3, 24111-7, 29311-8, 31905-3, 31906-1, 32198-4, 32199-2, 32705-6, 43305-2, 43403-5, 47387-6, 5028-6, 50326-8, 50388-8, 50412-6, 53879-3, 53927-0, 57180-2, 57289-1, 57458-2, 60255-7, 60256-5, 6487-3, 6488-1, 6489-9, 6490-7, 688-2, 690-8, 691-6, 692-4, 693-2, 694-0, 696-5, 697-3, 698-1, 80366-8, 80368-4, 88224-1, 88225-8, 96599-6

**Gonorrhoea Non-LOINC Codes:**

Neisseria gonorrhoeae DNA, Gonorrhoeae RNA PCR

**Gonorrhoea Text Strings for Test Names:**

Gono, Gonno, Neisseria gonorrhoea, Gonococcus, Gonorrhea, N gonorrhoea, Gonorrhoea, Gonorrhoeae, Gnrrh, ng main, CTNG, CT/NG

**Gonorrhoea LOINC Code Exclusions for Test Names:**

22430-3, 23908-7, 27021-5, 30099-6, 31525-9, 32704-9, 33904-4, 35735-0, 39557-4, 42987-8, 43387-0, 5261-3, 53762-1, 53878-5, 6491-5, 689-0, 695-7, 86660-8, 91781-5, 9568-7, 97626-6, 99779-1

**Chlamydia and Gonorrhoea LOINC Codes for Test Names:**

100356-5, 100710-3, 101172-5, 36902-5, 36903-3, 43405-0, 43406-8, 44806-8, 44807-6, 45067-6, 45068-4, 45069-2, 45070-0, 45072-6, 45074-2, 45075-9, 45076-7, 47362-9, 64017-7, 70161-5, 70162-3, 70163-1, 70164-9, 72828-7, 77577-5, 80360-1, 80361-9, 80362-7, 80365-0, 85687-2, 85689-8, 90357-5, 90358-3, 92683-2, 92684-0, 96612-7

**Chlamydia and Gonorrhoea Non-LOINC Codes:**

Chlamydia+Gnrrh, C. trachomatis / N. gonorrhoeae PCR

**Chlamydia and Gonorrhoea LOINC Code Exclusions for Test Names:**

45071-8, 45073-4, 86661-6

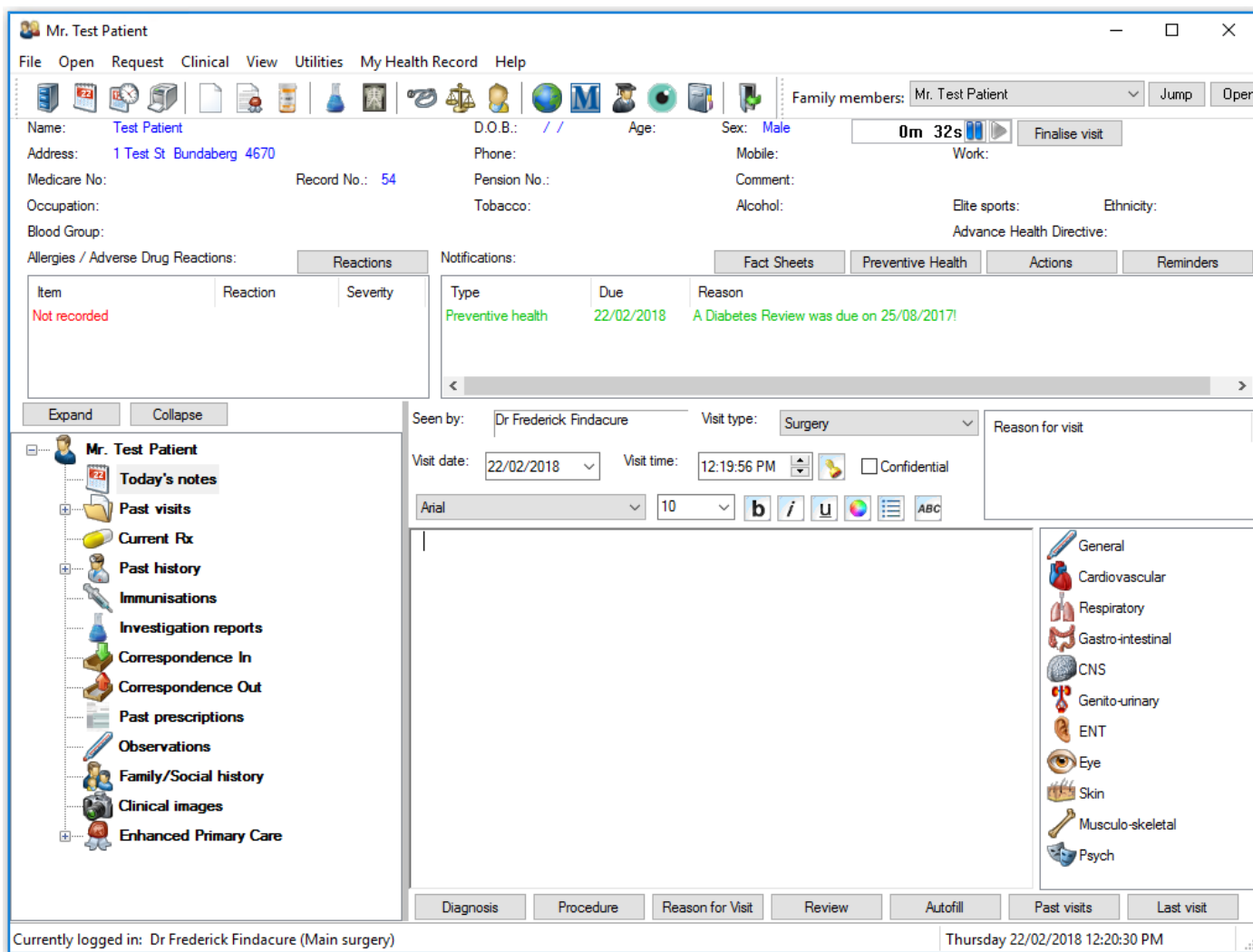
**Antibody and Immunoglobulin Exclusions:**

Ab, IgA, IgG, IgM

#### 4.27. OSR-CS1A – Clients with an Episode of Care

This measure records the number of clients with an Episode of Care recorded within the reporting period. A **visit** in Bp Premier is used to indicate an Episode of Care.

A **visit** is recorded in the **Patient Clinical Record** when any information is saved against the patient, for example by filling out the **Today's Notes** section. To be counted as an **Episode of Care**, the **Visit Type** must be recorded as *Surgery, Home, RACF, Telephone, Out of office, Hostel, Telehealth or Locum Service*.



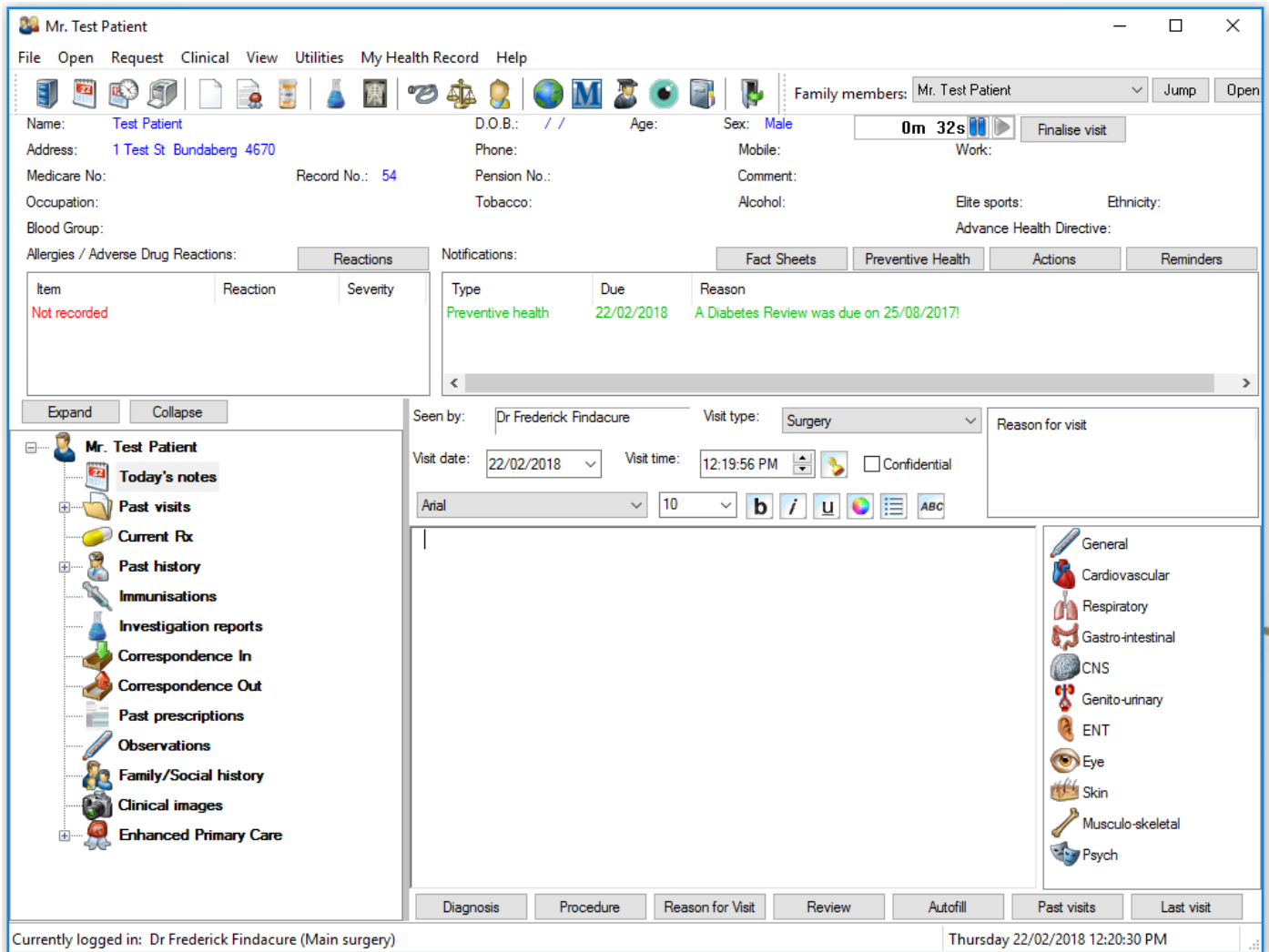
The measure is disaggregated based on the following table:

	Sex Male	Sex Female	Sex Unknown/Blank
<b>Ethnicity</b> <i>Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander</i>	OSR-CS1a-0001	OSR-CS1a-0004	OSR-CS1a-0007
<b>Ethnicity</b> <i>not one of Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander, (blank) or Unknown</i>	OSR-CS1a-0002	OSR-CS1a-0005	OSR-CS1a-0008
<b>Ethnicity</b> <i>(blank) or Unknown</i>	OSR-CS1a-0003	OSR-CS1a-0006	OSR-CS1a-0009


#### 4.28. OSR-CS2 – Clients with an Episode of Care from a given HCP type

This measure records the number of clients with an Episode of Care recorded within the reporting period from a given type of Health Care Professional. A **visit** in Bp Premier is used to indicate an Episode of Care.

A **visit** is recorded in the **Patient Clinical Record** when any information is saved against the patient, for example by filling out the **Today's Notes** section.



The measure is further disaggregated based on the **Category** of the user who performed the visit. This information can be found on the **User Configuration** screen:

 **Users** ✕

Bp Premier is currently using the sample database.  
New users cannot be added!

Name	Category	Status	Provider No.	Prescriber No.	Usual location
Dr Ivor Cure	Employee doctor	Part time	*****	*****	Main surgery
Mrs. Diabetes Educator	Diabetes educator				Main surgery
Dr Frederick Findacure	Principal doctor	Full time	*****	*****	Main surgery
Ms. Nadine Nurse	Practice nurse				Main surgery
Miss Jenny Reception	Junior receptionist				Main surgery
Mrs. Psychology Specialist	Psychologist		*****		Main surgery
Ms. Susan Senior Reception	Receptionist				Main surgery
Mr. IT Technician	Guest				Main surgery

Dr Ivor Cure MBBS  
Part time Employee doctor  
Provider No.: \*\*\*\*\* (Main surgery)  
Prescriber No.: \*\*\*\*\*  
Home phone: 456131789  
Mobile phone: 09123456488  
E-mail address: icure@bpsoftware.com.au

Include inactive users

Add
Edit
Delete
Merge
Close

	Sex Male	Sex Female	Sex Unknown/Blank	
<b>Ethnicity</b> <i>Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander</i>	OSR-CS2-0001	OSR-CS2-0004	OSR-CS2-0007	<b>User Category</b> <i>Aboriginal Health Worker</i>
	OSR-CS2-0010	OSR-CS2-0013	OSR-CS2-0016	<b>User Category</b> <i>Aboriginal and Torres Strait Islander Health Practitioner</i>
	OSR-CS2-0019	OSR-CS2-0022	OSR-CS2-0025	<b>User Categories</b> <i>Principal Doctor, Employee Doctor</i>
	OSR-CS2-0028	OSR-CS2-0031	OSR-CS2-0034	<b>User Categories</b> <i>Practice Nurse, Nurse Practitioner, Child and Maternal Nurse</i>
	OSR-CS2-0037	OSR-CS2-0040	OSR-CS2-0043	<b>User Category</b> <i>Midwife</i>
	OSR-CS2-0046	OSR-CS2-0049	OSR-CS2-0052	<b>User Category</b> <i>Drug and Alcohol Worker</i>
	OSR-CS2-0055	OSR-CS2-0058	OSR-CS2-0061	<b>User Category</b> <i>Tobacco Worker</i>
	OSR-CS2-0064	OSR-CS2-0067	OSR-CS2-0070	<b>User Category</b> <i>Dentist</i>
	OSR-CS2-0073	OSR-CS2-0076	OSR-CS2-0079	<b>User Category</b> <i>Dental prosthetist</i>
	OSR-CS2-0082	OSR-CS2-0085	OSR-CS2-0088	<b>User Category</b> <i>Sexual Health Worker</i>
	OSR-CS2-0091	OSR-CS2-0094	OSR-CS2-0097	<b>User Category</b> <i>Traditional Healer</i>
	OSR-CS2-0100	OSR-CS2-0103	OSR-CS2-0106	<b>User Categories</b> <i>Medical Student</i>
	OSR-CS2-0226	OSR-CS2-0229	OSR-CS2-0232	<b>User Category</b> <i>Psychologist</i>
	OSR-CS2-0235	OSR-CS2-0238	OSR-CS2-0241	<b>User Category</b> <i>Counsellor</i>
OSR-CS2-0244	OSR-CS2-0247	OSR-CS2-0250	<b>User Category</b> <i>Social worker</i>	

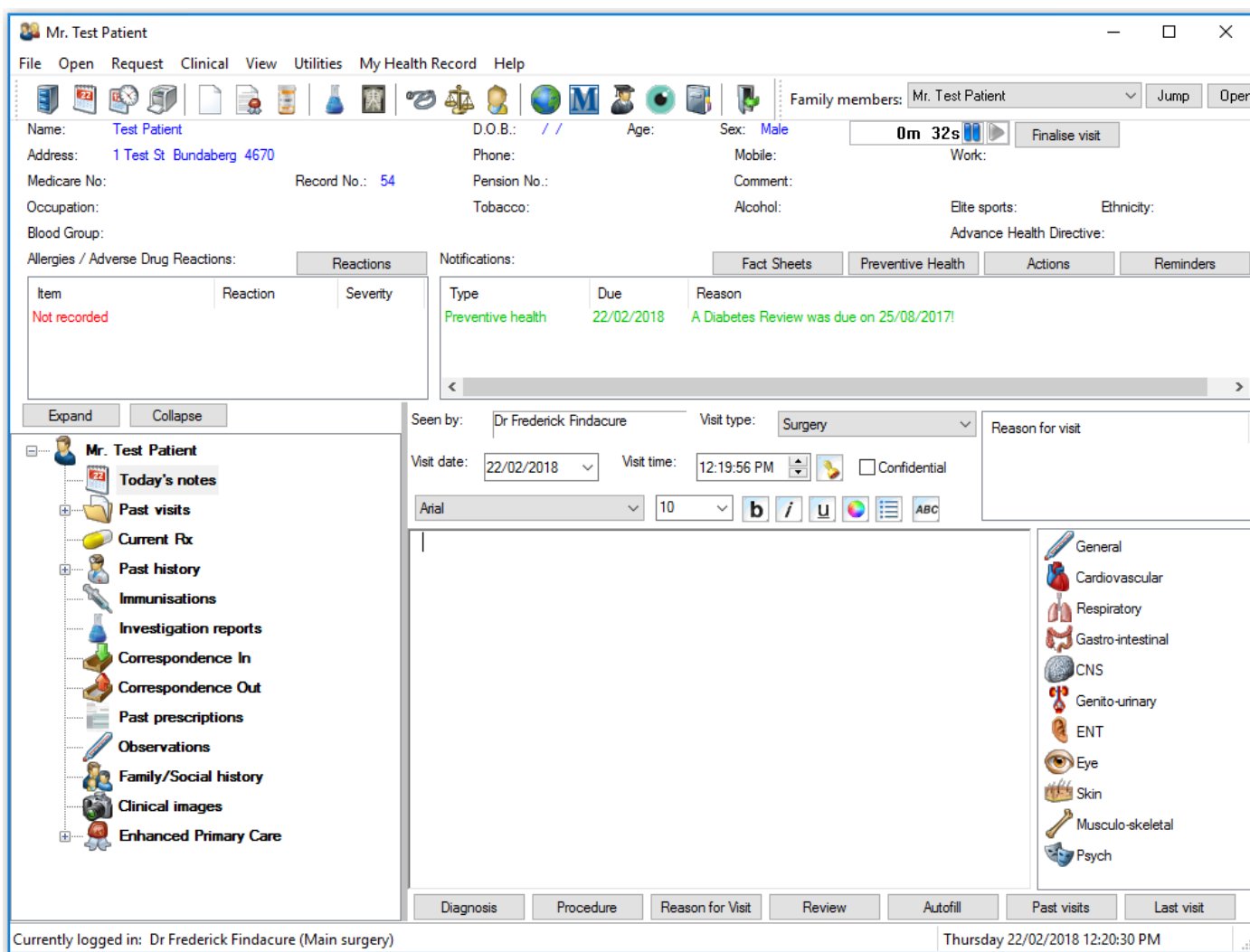
	OSR-CS2-0253	OSR-CS2-0256	OSR-CS2-0259	<b>User Category</b> <i>Welfare Worker</i>
	OSR-CS2-0271	OSR-CS2-0274	OSR-CS2-0277	<b>User Category</b> <i>SEWB Staff</i>
	OSR-CS2-0280	OSR-CS2-0283	OSR-CS2-0286	<b>User Category</b> <i>Audiologist</i>
	OSR-CS2-0289	OSR-CS2-0292	OSR-CS2-0295	<b>User Category</b> <i>Diabetes educator</i>
	OSR-CS2-0298	OSR-CS2-0301	OSR-CS2-0304	<b>User Category</b> <i>Dietician</i>
	OSR-CS2-0307	OSR-CS2-0310	OSR-CS2-0313	<b>User Category</b> <i>Optometrist</i>
	OSR-CS2-0316	OSR-CS2-0319	OSR-CS2-0322	<b>User Category</b> <i>Clinical Pharmacist</i>
	OSR-CS2-0325	OSR-CS2-0328	OSR-CS2-0331	<b>User Category</b> <i>Physiotherapist</i>
	OSR-CS2-0334	OSR-CS2-0337	OSR-CS2-0340	<b>User Category</b> <i>Podiatrist</i>
	OSR-CS2-0343	OSR-CS2-0346	OSR-CS2-0349	<b>User Category</b> <i>Speech pathologist</i>
	OSR-CS2-0352	OSR-CS2-0355	OSR-CS2-0358	<b>User Categories</b> <i>Occupational therapist, Orthoptist, Chiropractor, Exercise physiologist, Radiographer, Osteopath, Massage Therapist</i>
<b>Ethnicity not</b> <i>Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal, Both Aboriginal and Torres Strait Islander, (blank) or Unknown</i>	OSR-CS2-0002	OSR-CS2-0005	OSR-CS2-0008	<b>User Category</b> <i>Aboriginal Health Worker</i>
	OSR-CS2-0011	OSR-CS2-0014	OSR-CS2-0017	<b>User Category</b> <i>Aboriginal and Torres Strait Islander Health Practitioner</i>
	OSR-CS2-0020	OSR-CS2-0023	OSR-CS2-0026	<b>User Categories</b> <i>Principal Doctor, Employee Doctor</i>
	OSR-CS2-0029	OSR-CS2-0032	OSR-CS2-0035	<b>User Categories</b> <i>Practice Nurse, Nurse Practitioner, Child and Maternal Nurse</i>
	OSR-CS2-0038	OSR-CS2-0041	OSR-CS2-0044	<b>User Category</b> <i>Midwife</i>
	OSR-CS2-0047	OSR-CS2-0050	OSR-CS2-0053	<b>User Category</b> <i>Drug and Alcohol Worker</i>
	OSR-CS2-0056	OSR-CS2-0059	OSR-CS2-0062	<b>User Category</b> <i>Tobacco Worker</i>
	OSR-CS2-0065	OSR-CS2-0068	OSR-CS2-0071	<b>User Category</b> <i>Dentist</i>
	OSR-CS2-0074	OSR-CS2-0077	OSR-CS2-0080	<b>User Category</b> <i>Dental prosthetist</i>
	OSR-CS2-0083	OSR-CS2-0086	OSR-CS2-0089	<b>User Category</b> <i>Sexual Health Worker</i>
	OSR-CS2-0092	OSR-CS2-0095	OSR-CS2-0098	<b>User Category</b> <i>Traditional Healer</i>
	OSR-CS2-0101	OSR-CS2-0104	OSR-CS2-0107	<b>User Categories</b> <i>Medical Student</i>
	OSR-CS2-0227	OSR-CS2-0230	OSR-CS2-0233	<b>User Category</b> <i>Psychologist</i>
	OSR-CS2-0236	OSR-CS2-0239	OSR-CS2-0242	<b>User Category</b> <i>Counsellor</i>
	OSR-CS2-0245	OSR-CS2-0248	OSR-CS2-0251	<b>User Category</b> <i>Social worker</i>
	OSR-CS2-0254	OSR-CS2-0257	OSR-CS2-0260	<b>User Category</b> <i>Welfare Worker</i>
	OSR-CS2-0272	OSR-CS2-0275	OSR-CS2-0278	<b>User Category</b> <i>SEWB Staff</i>
	OSR-CS2-0281	OSR-CS2-0284	OSR-CS2-0287	<b>User Category</b> <i>Audiologist</i>
	OSR-CS2-0290	OSR-CS2-0293	OSR-CS2-0296	<b>User Category</b> <i>Diabetes educator</i>
	OSR-CS2-0299	OSR-CS2-0302	OSR-CS2-0305	<b>User Category</b> <i>Dietician</i>
	OSR-CS2-0308	OSR-CS2-0311	OSR-CS2-0314	<b>User Category</b> <i>Optometrist</i>
	OSR-CS2-0317	OSR-CS2-0320	OSR-CS2-0323	<b>User Category</b> <i>Clinical Pharmacist</i>
	OSR-CS2-0326	OSR-CS2-0329	OSR-CS2-0332	<b>User Category</b> <i>Physiotherapist</i>
OSR-CS2-0335	OSR-CS2-0338	OSR-CS2-0341	<b>User Category</b> <i>Podiatrist</i>	

	OSR-CS2-0344	OSR-CS2-0347	OSR-CS2-0350	<b>User Category</b> Speech pathologist
	OSR-CS2-0353	OSR-CS2-0356	OSR-CS2-0359	<b>User Categories</b> Occupational therapist, Orthoptist, Chiropractor, Exercise physiologist, Radiographer, Osteopath, Massage Therapist
<b>Ethnicity (blank) or Unknown</b>	OSR-CS2-0003	OSR-CS2-0006	OSR-CS2-0009	<b>User Category</b> Aboriginal Health Worker
	OSR-CS2-0012	OSR-CS2-0015	OSR-CS2-0018	<b>User Category</b> Aboriginal and Torres Strait Islander Health Practitioner
	OSR-CS2-0021	OSR-CS2-0024	OSR-CS2-0027	<b>User Categories</b> Principal Doctor, Employee Doctor
	OSR-CS2-0030	OSR-CS2-0033	OSR-CS2-0036	<b>User Categories</b> Practice Nurse, Nurse Practitioner, Child and Maternal Nurse
	OSR-CS2-0039	OSR-CS2-0042	OSR-CS2-0045	<b>User Category</b> Midwife
	OSR-CS2-0048	OSR-CS2-0051	OSR-CS2-0054	<b>User Category</b> Drug and Alcohol Worker
	OSR-CS2-0057	OSR-CS2-0060	OSR-CS2-0063	<b>User Category</b> Tobacco Worker
	OSR-CS2-0066	OSR-CS2-0069	OSR-CS2-0072	<b>User Category</b> Dentist
	OSR-CS2-0075	OSR-CS2-0078	OSR-CS2-0081	<b>User Category</b> Dental prosthetist
	OSR-CS2-0084	OSR-CS2-0087	OSR-CS2-0090	<b>User Category</b> Sexual Health Worker
	OSR-CS2-0093	OSR-CS2-0096	OSR-CS2-0099	<b>User Category</b> Traditional Healer
	OSR-CS2-0102	OSR-CS2-0105	OSR-CS2-0108	<b>User Categories</b> Medical Student
	OSR-CS2-0228	OSR-CS2-0231	OSR-CS2-0234	<b>User Category</b> Psychologist
	OSR-CS2-0237	OSR-CS2-0240	OSR-CS2-0243	<b>User Category</b> Counsellor
	OSR-CS2-0246	OSR-CS2-0249	OSR-CS2-0252	<b>User Category</b> Social worker
	OSR-CS2-0255	OSR-CS2-0258	OSR-CS2-0261	<b>User Category</b> Welfare Worker
	OSR-CS2-0273	OSR-CS2-0276	OSR-CS2-0279	<b>User Category</b> SEWB Staff
	OSR-CS2-0282	OSR-CS2-0285	OSR-CS2-0288	<b>User Category</b> Audiologist
	OSR-CS2-0291	OSR-CS2-0294	OSR-CS2-0297	<b>User Category</b> Diabetes educator
	OSR-CS2-0300	OSR-CS2-0303	OSR-CS2-0306	<b>User Category</b> Dietician
	OSR-CS2-0309	OSR-CS2-0312	OSR-CS2-0315	<b>User Category</b> Optometrist
	OSR-CS2-0318	OSR-CS2-0321	OSR-CS2-0324	<b>User Category</b> Clinical Pharmacist
	OSR-CS2-0327	OSR-CS2-0330	OSR-CS2-0333	<b>User Category</b> Physiotherapist
OSR-CS2-0336	OSR-CS2-0339	OSR-CS2-0342	<b>User Category</b> Podiatrist	
OSR-CS2-0345	OSR-CS2-0348	OSR-CS2-0351	<b>User Category</b> Speech pathologist	
OSR-CS2-0354	OSR-CS2-0357	OSR-CS2-0360	<b>User Categories</b> Occupational therapist, Orthoptist, Chiropractor, Exercise physiologist, Radiographer, Osteopath, Massage Therapist	

## 4.29. OSR-CS3a – Clients seen by the Health Service

This measure records the number of clients who have been seen by the health service within the reporting period. A **visit** in Bp Premier is used to indicate that the patient was seen.

A **visit** is recorded in the **Patient Clinical Record** when any information is saved against the patient, for example by filling out the **Today's Notes** section.



The measure is disaggregated based on the following table:

	Sex Male	Sex Female	Sex Unknown/Blank	
<b>Ethnicity Both Aboriginal and Torres Strait Islander, Aboriginal but not Torres Strait Islander, or Torres Strait Islander but not Aboriginal</b>	OSR-CS3a-0010	OSR-CS3a-0024	OSR-CS3a-0038	<b>Age 0-4 years</b>
	OSR-CS3a-0011	OSR-CS3a-0025	OSR-CS3a-0039	<b>Age 5-9 years</b>
	OSR-CS3a-0012	OSR-CS3a-0026	OSR-CS3a-0040	<b>Age 10-14 years</b>
	OSR-CS3a-0013	OSR-CS3a-0027	OSR-CS3a-0041	<b>Age 15-19 years</b>
	OSR-CS3a-0014	OSR-CS3a-0028	OSR-CS3a-0042	<b>Age 20-24 years</b>
	OSR-CS3a-0015	OSR-CS3a-0029	OSR-CS3a-0043	<b>Age 25-29 years</b>
	OSR-CS3a-0016	OSR-CS3a-0030	OSR-CS3a-0044	<b>Age 30-34 years</b>
	OSR-CS3a-0017	OSR-CS3a-0031	OSR-CS3a-0045	<b>Age 35-39 years</b>
	OSR-CS3a-0018	OSR-CS3a-0032	OSR-CS3a-0046	<b>Age 40-44 years</b>
	OSR-CS3a-0019	OSR-CS3a-0033	OSR-CS3a-0047	<b>Age 45-49 years</b>
	OSR-CS3a-0020	OSR-CS3a-0034	OSR-CS3a-0048	<b>Age 50-54 years</b>

	OSR-CS3a-0021	OSR-CS3a-0035	OSR-CS3a-0049	<b>Age 55-59 years</b>
	OSR-CS3a-0022	OSR-CS3a-0036	OSR-CS3a-0050	<b>Age 60-64 years</b>
	OSR-CS3a-0023	OSR-CS3a-0037	OSR-CS3a-0051	<b>Age 65+ years</b>
<b>Ethnicity Not Both</b> <i>Aboriginal and Torres Strait Islander, Aboriginal but not Torres Strait Islander, or Torres Strait Islander but not Aboriginal</i>	OSR-CS3a-0052	OSR-CS3a-0066	OSR-CS3a-0080	<b>Age 0-4 years</b>
	OSR-CS3a-0053	OSR-CS3a-0067	OSR-CS3a-0081	<b>Age 5-9 years</b>
	OSR-CS3a-0054	OSR-CS3a-0068	OSR-CS3a-0082	<b>Age 10-14 years</b>
	OSR-CS3a-0055	OSR-CS3a-0069	OSR-CS3a-0083	<b>Age 15-19 years</b>
	OSR-CS3a-0056	OSR-CS3a-0070	OSR-CS3a-0084	<b>Age 20-24 years</b>
	OSR-CS3a-0057	OSR-CS3a-0071	OSR-CS3a-0085	<b>Age 25-29 years</b>
	OSR-CS3a-0058	OSR-CS3a-0072	OSR-CS3a-0086	<b>Age 30-34 years</b>
	OSR-CS3a-0059	OSR-CS3a-0073	OSR-CS3a-0087	<b>Age 35-39 years</b>
	OSR-CS3a-0060	OSR-CS3a-0074	OSR-CS3a-0088	<b>Age 40-44 years</b>
	OSR-CS3a-0061	OSR-CS3a-0075	OSR-CS3a-0089	<b>Age 45-49 years</b>
	OSR-CS3a-0062	OSR-CS3a-0076	OSR-CS3a-0090	<b>Age 50-54 years</b>
	OSR-CS3a-0063	OSR-CS3a-0077	OSR-CS3a-0091	<b>Age 55-59 years</b>
	OSR-CS3a-0064	OSR-CS3a-0078	OSR-CS3a-0092	<b>Age 60-64 years</b>
	OSR-CS3a-0065	OSR-CS3a-0079	OSR-CS3a-0093	<b>Age 65+ years</b>
<b>Ethnicity (blank) or Unknown</b>	OSR-CS3a-0094	OSR-CS3a-0108	OSR-CS3a-0122	<b>Age 0-4 years</b>
	OSR-CS3a-0095	OSR-CS3a-0109	OSR-CS3a-0123	<b>Age 5-9 years</b>
	OSR-CS3a-0096	OSR-CS3a-0110	OSR-CS3a-0124	<b>Age 10-14 years</b>
	OSR-CS3a-0097	OSR-CS3a-0111	OSR-CS3a-0125	<b>Age 15-19 years</b>
	OSR-CS3a-0098	OSR-CS3a-0112	OSR-CS3a-0126	<b>Age 20-24 years</b>
	OSR-CS3a-0099	OSR-CS3a-0113	OSR-CS3a-0127	<b>Age 25-29 years</b>
	OSR-CS3a-0100	OSR-CS3a-0114	OSR-CS3a-0128	<b>Age 30-34 years</b>
	OSR-CS3a-0101	OSR-CS3a-0115	OSR-CS3a-0129	<b>Age 35-39 years</b>
	OSR-CS3a-0102	OSR-CS3a-0116	OSR-CS3a-0130	<b>Age 40-44 years</b>
	OSR-CS3a-0103	OSR-CS3a-0117	OSR-CS3a-0131	<b>Age 45-49 years</b>
	OSR-CS3a-0104	OSR-CS3a-0118	OSR-CS3a-0132	<b>Age 50-54 years</b>
	OSR-CS3a-0105	OSR-CS3a-0119	OSR-CS3a-0133	<b>Age 55-59 years</b>
	OSR-CS3a-0106	OSR-CS3a-0120	OSR-CS3a-0134	<b>Age 60-64 years</b>
	OSR-CS3a-0107	OSR-CS3a-0121	OSR-CS3a-0135	<b>Age 65+ years</b>



#### 4.30. OSR-CS4 –Clients with Services Provided

This measure records the number of clients who have had a given type of health check (MBS-rebatable vs non-MBS Rebatable within the reporting period.

*MBS Rebateable Indigenous Health Checks* are identified by a **Service** for the patient existing with *MBS Item 715* (the patient must also be aged 25 years or older), while *MBS Rebateable GP Chronic Disease Management Plans* are identified by a **Service** for the patient existing with *MBS Item 721*:

Finalise visit

Visit length:  Account type:

MBS Item:   Default list

Description	Item No.	Fee	Rebate
GP management plan	721	144.25	144.25

Attendance by a medical practitioner (including a general practitioner, but not including a specialist or consultant physician), for preparation of a gp management plan for a patient (other than a service associated with a service to which any of items 735 to 758 apply)

Items to bill:

Description	Service text	Item No.	Fee	Rebate
Surgery consultation, Level A		3	16.95	16.95

Note to reception:

Not normal aftercare  
 In hospital  
No. of patients:

Alternative *Indigenous Adult Health Checks* are identified through a **Reason for Visit** of *Check - Well Female, Check - Well Male, Check up - Well Female, Check up - Well Male, Check up, Health assessment, Routine check up, 45-49 yo health check, Health check, 45-49yo, Child health check, Health check, child, Adult health check, Health check, adult, Health check, over 75yr, Health check, indigenous over 55 yrs, Health check, indigenous 15-55 yrs, Health check, indigenous 0-7 yrs, Aged care assessment, or Healthy Kids check* for a visit that does not have a matching **MBS Item** recorded of 710.

Alternative *Chronic Disease Management Plans* are identified through a **Reason for Visit** of *Care plan preparation, Care plan review, Care planning, Review of care plan, Care plan preparation, Care plan, GP Management Plan, Diabetic care plan, Care plan, diabetic, Asthma care plan, Care plan, asthma, Mental health care plan, Care plan, mental health, Asthma action plan or Chronic disease management* for a visit that does not have a matching **MBS Item** recorded of 721.

The measure is disaggregated based on the following table:

	<b>Type MBS Rebateable Indigenous Adult Health Check</b>	<b>Type Alternative Indigenous Adult Health Check</b>	<b>Type MBS Rebateable GP Chronic Disease Management Plan</b>	<b>Type Alternative Chronic Disease Management Plan</b>
<b>Ethnicity</b> <i>Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander</i>	OSR-CS4-0001	OSR-CS4-0002	OSR-CS4-0003	OSR-CS4-0004
<b>Ethnicity not one of</b> <i>Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander, (blank) or Unknown</i>	OSR-CS4-0005	OSR-CS4-0006	OSR-CS4-0007	OSR-CS4-0008
<b>Ethnicity</b> <i>(blank) or Unknown</i>	OSR-CS4-0009	OSR-CS4-0010	OSR-CS4-0011	OSR-CS4-0012

### 4.31. OSR-MCH1 – Child Health Checks

This measure records the child health checks of a given type conducted within a period.

*MBS Rebateable Child Health Checks* are identified by a **Service** for the patient existing with *MBS Item 715* (the patient must also be aged 0 to 4 years). These are reported as OSR-MCH1-0001

**Finalise visit**

Visit length: 0m 11s      Account type: Direct Bill

MBS Item: 715       Default list      Search MBS

Description	Item No.	Fee	Rebate
Aboriginal/Torres Strait Islander Health Assessment	715	212.25	212.25

Professional attendance by a medical practitioner (other than a specialist or consultant physician) at consulting rooms or in another place other than a hospital or residential aged care facility, for a health assessment of a patient who is of aboriginal or torres strait islander descent-not more than once in a 9 month period

Items to bill:

Description	Service text	Item No.	Fee	Rebate
Surgery consultation, Level A		3	16.95	16.95

Note to reception:

Not normal aftercare  
 In hospital  
 No. of patients: 1

Save      Save & Close      Cancel

*Alternative ATSI child health checks* are identified by a **Reason for Visit** existing of *Health check, indigenous 0-7 yrs* or *Health check, indigenous 8-14 yrs* without a corresponding *MBS Item 715* or *10986* existing for the same visit. These are reported as OSR-MCH1-0002

Reason for visit - Mr. Alan Abbott

Search:

Reason for visit

- Health check, indigenous 0-7 yrs
- Health check, indigenous 15-55 yrs
- Health check, indigenous 8-14 yrs

Further details:

Reason:

Left     Right     Bilateral

Acute     Chronic

Mild     Moderate     Severe

Fracture:

Displaced     Undisplaced

Compound     Comminuted

Spiral     Greenstick

Add to Past History

Active     Inactive

Confidential     Include in summaries

Add to diagnosis

Send to My Health Record

Visit type:

MBS Rebateable Child Health Checks are identified by a **Service** for the patient existing with MBS Item 10986. These are reported as OSR-MCH1-0003

Finalise visit

Visit length:  Account type:

MBS Item:   Default list

Description	Item No.	Fee	Rebate

Items to bill:

Description	Service text	Item No.	Fee	Rebate
Surgery consultation, Level A		3	16.95	16.95

Note to reception:

Not normal aftercare  
 In hospital

No. of patients:

## 4.32. OSR-MCH2 – Antenatal Visits

This measure reports a number of counts based on patients' **antenatal visits** at the clinic. **Antenatal visits** are displayed in the **Obstetric History** section of the **Patient Clinical Record** for female clients:

OSR-MCH2-0001 counts the number of *female* clients with an **ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander* who have at least one **Antenatal Visit** for the reporting period.

OSR-MCH2-0002 counts the total number of **Antenatal Visits** within the reporting period for *female* clients with an **ethnicity** of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander*.

OSR-MCH2-0003 counts the number of *female* clients with an **ethnicity** not one of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander, (blank) or Unknown* who have at least one **Antenatal Visit** for the reporting period.

OSR-MCH2-0004 counts the total number of **Antenatal Visits** within the reporting period for *female* clients with an **ethnicity** not one of *Aboriginal but not Torres Strait Islander, Torres Strait Islander but not Aboriginal or Both Aboriginal and Torres Strait Islander, (blank) or Unknown*.

OSR-MCH2-0005 counts the number of *female* clients with an **ethnicity** of *(blank) or Unknown* who have at least one **Antenatal Visit** for the reporting period.

OSR-MCH2-0006 counts the total number of **Antenatal Visits** within the reporting period for *female* clients with an **ethnicity** of *(blank) or Unknown*.