



GENERAL PRACTICE  
*north west*

# Clinical Audit Tool (CAT)

A “How To” guide for GPs and Practice staff

## **BOOKLET FOUR**

### **MISSING DATA**

Finding Patients with missing data including:

Diabetics with no HbA1c

Allergies not recorded

Patients who smoke and are not recorded



## INTRODUCTION

The Clinical Audit Tool (CAT) collects and then analyses clinical information from a GPs desk top software. This data is then transformed into usable statistics that can be displayed as graphs and tables.

This information can be used to assist a practice to evaluate a patient's information and to highlight opportunities to improve patient outcomes, particularly in chronic disease management, whilst also helping the practice to make choices that will improve its financial position.

The main areas in which the CAT can be useful are:

- Identifying patients with particular needs
- Identifying patients with specific health risk profiles
- Improving statistical and data collection compliance
- Meeting reporting requirements

An added advantage of the PEN CAT is that statistics are generated and can be used for the Australian Primary Care Collaborative (APCC) and the Department of Health and Ageing (DoHA) reporting requirements.

If you would like to have assistance with CAT or would like a demonstration of the program please contact the e-Health team at [www.gpnw.com.au](http://www.gpnw.com.au) or on 03 6425 0800.

# MISSING DATA

## DIABETIC PATIENTS WITH NO HBA1C

Data is the key to having up to date and complete information, but to have good information we need to have good data. It is important to make sure you have all the data about your patients to ensure your patients are getting what they need and your practice is claiming the item numbers its entitled to and complying with the NPPC and DoHA requirements.

1. Open the CAT and click the extract you want and open the filters (see booklet one if unsure)
2. Select the *Date Range* and *Active Patients*

The screenshot shows the 'Clinical Record' software interface. The 'Filters' tab is active, and the 'Date Range' and 'Active (3x in 2yrs)' options are highlighted with red circles. The 'Date Range' is set from 21/05/2010 to 21/05/2010. The 'Active (3x in 2yrs)' checkbox is checked. Other filter options include Gender, Ethnicity, Age, Last Visit, Activity, and Postcode.

3. Open the *Conditions* tab and select the Yes checkbox for diabetes.

The screenshot shows the 'Clinical Record' software interface with the 'Conditions' tab selected. The 'Diabetes' checkbox is checked, and the 'Respiratory' and 'Cardiovascular' sections are visible. The 'Respiratory' section includes checkboxes for Asthma and COPD. The 'Cardiovascular' section includes checkboxes for CHD, Hypertension, Heart Failure, Stroke, MI, and Other.

4. Then click on the **Recalculate** Button.

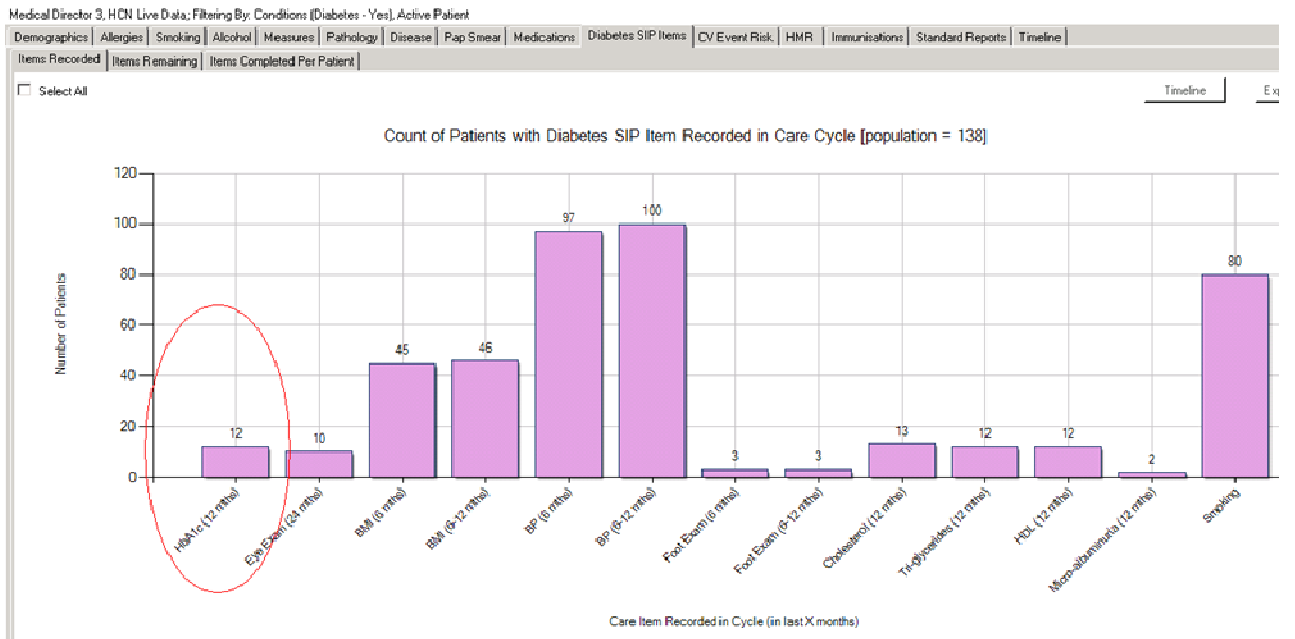
5. When the recalculation has finished you can now click on the *Diabetes Sip Items* tab

Medical Director 3, HCN Live Data; Filtering By: Conditions (Diabetes - Yes), Active Patient

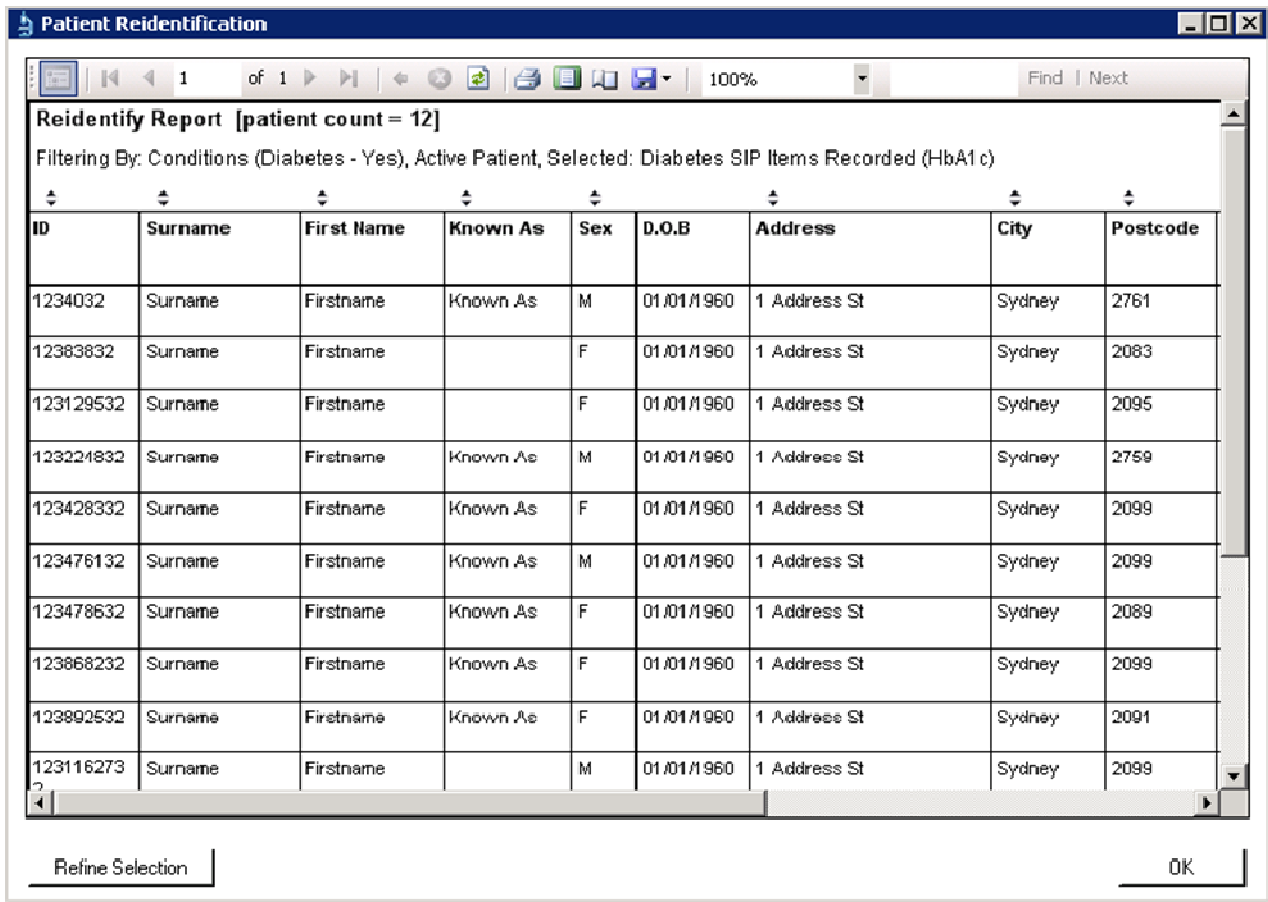
Demographics | Allergies | Smoking | Alcohol | Measures | Pathology | Disease | Pap Smear | Medications | **Diabetes SIP Items** | CV Event Risk | HMR | Immunisations | Standard Reports | Timeline

Select All  Show Total Counts

The bar graph that appears shows the number of patients that have had the SIP items like HbA1c done



7. Select the *Export* button to bring up the table of patients



**Reidentify Report [patient count = 12]**  
Filtering By: Conditions (Diabetes - Yes), Active Patient, Selected: Diabetes SIP Items Recorded (HbA1c)

ID	Surname	First Name	Known As	Sex	D.O.B	Address	City	Postcode
1234032	Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2761
12383832	Surname	Firstname		F	01/01/1960	1 Address St	Sydney	2083
123129532	Surname	Firstname		F	01/01/1960	1 Address St	Sydney	2095
123224832	Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2759
123428332	Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2099
123476132	Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2099
123478632	Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2089
123868232	Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2099
123892532	Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2091
123116273	Surname	Firstname		M	01/01/1960	1 Address St	Sydney	2099

Refine Selection OK

8. You can now *Print* or *Save* this table and begin your practice recall and reminder process.

## PAP SMEAR NOT RECORDED

To find patients with no pap smear recorded follow the steps below.

1. First decide on the age range you wish to use, Eg 18-69 years
2. Select the gender *Female*
3. Select *Active Patients*.
4. Select last visit < 30 months

The screenshot shows the 'Clinical Audit' software interface. The 'Filter' tab is active, and the following settings are visible:

- Gender:**  Female
- Ethnicity:**  ATSI,  non-ATSI,  Not Recorded
- Age:** Start Age: 18, End Age: 69
- Last Visit:**  < 30 mths
- Activity:**  Active (3k in 3yrs),  Not Active
- Postcode:**  (comma separated)
- DVA:**  DVA,  non DVA
- Date Range:** 21/05/2010 to 21/05/2010

The 'Recalculate' button is highlighted in red.

5. Now we have all the filter parameters selected, click on the **Recalculate** button
6. Once the recalculation has finished you can now click on the *Pap Smear* tab

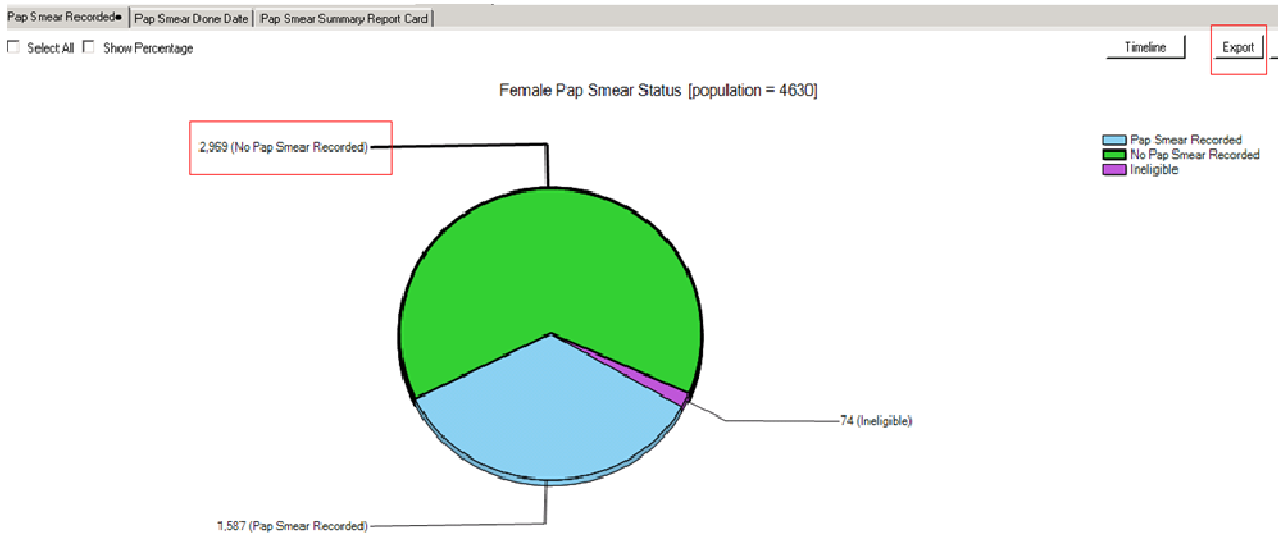
The screenshot shows the filter criteria: "Age >= 18, Age <= 69, Active Patient, Visit < 30 mths". The 'Pap Smear' tab is selected and highlighted in red.

From the Pap Smear tab are three tabs to choose from:

The screenshot shows three tabs: "Pap Smear Recorded", "Pap Smear Done Date", and "Pap Smear Summary Report Card".

- *Pap Smear Recorded* tab indicates all patients with no pap smear done, those that have and those that are ineligible.
- *Pap Smear Done Date* displays a graph showing when patients last had a pap smear.
- *Pap Smear Summary Report Card* shows a table of statistics of pap smears done and not done ranked by patient age.

7. Click on the sector of the pie graph that represents the *Pap Smears Not Done*



8. Click the *Export* button to bring up the table with the patients details, from here you can use your practice recall and reminder protocol

Patient Reidentification

1 of 64

100%

Find | Next

**Reidentify Report [patient count = 2969]**  
 Selected: Pap Smear Recorded (Not Recorded)

ID	Surname	First Name	Known As	Sex	D.O.B	Address	City	Postcode
123302	Surname	Firstname		F	01/01/1960	1 Address S	Sydney	2000
1231432	Surname	Firstname		F	01/01/1960	1 Address S	Sydney	2099
1235132	Surname	Firstname	Known As	F	01/01/1960	1 Address S	Sydney	2099
1235332	Surname	Firstname	Known As	F	01/01/1960	1 Address S	Sydney	2091
1235532	Surname	Firstname	Known As	F	01/01/1960	1 Address S	Sydney	2754
1233532	Surname	Firstname	Known As	F	01/01/1960	1 Address S	Sydney	2701
1233732	Surname	Firstname		F	01/01/1960	1 Address S	Sydney	2099
1233832	Surname	Firstname		F	01/01/1960	1 Address S	Sydney	2099
1233432	Surname	Firstname	Known As	F	01/01/1960	1 Address S	Sydney	2099
12310932	Surname	Firstname	Known As	F	01/01/1960	1 Address S	Sydney	2099

Refine Selection

DK



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