



GENERAL PRACTICE  
*north west*

# Clinical Audit Tool (CAT)

A “How To” guide for GPs and Practice staff

## **BOOKLET ONE**

### **STARTING OUT**

How to start the program

Basic filter functions

Searching for diabetic patients



## 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:

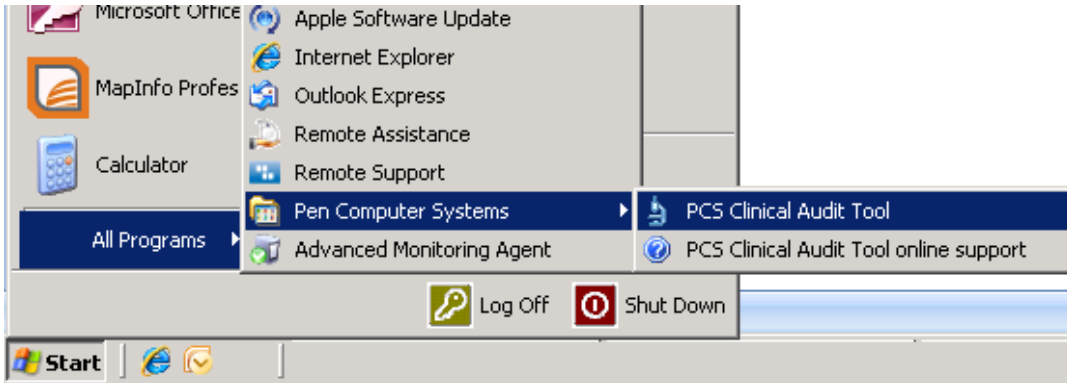
- Identifying patients with particular needs
- Identifying patients with specific health risk profiles
- Improving statistical and data collection compliance
- Meeting reporting requirements

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.

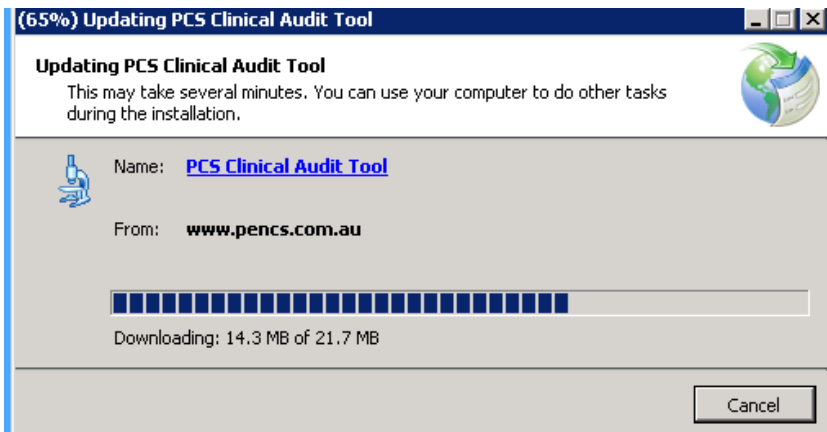
If you would like to have assistance with CAT or would like a demonstration of the program please contact the e-Health team at [www.gpnw.com.au](http://www.gpnw.com.au) or on 03 6425 0800.

## HOW TO OPEN CAT

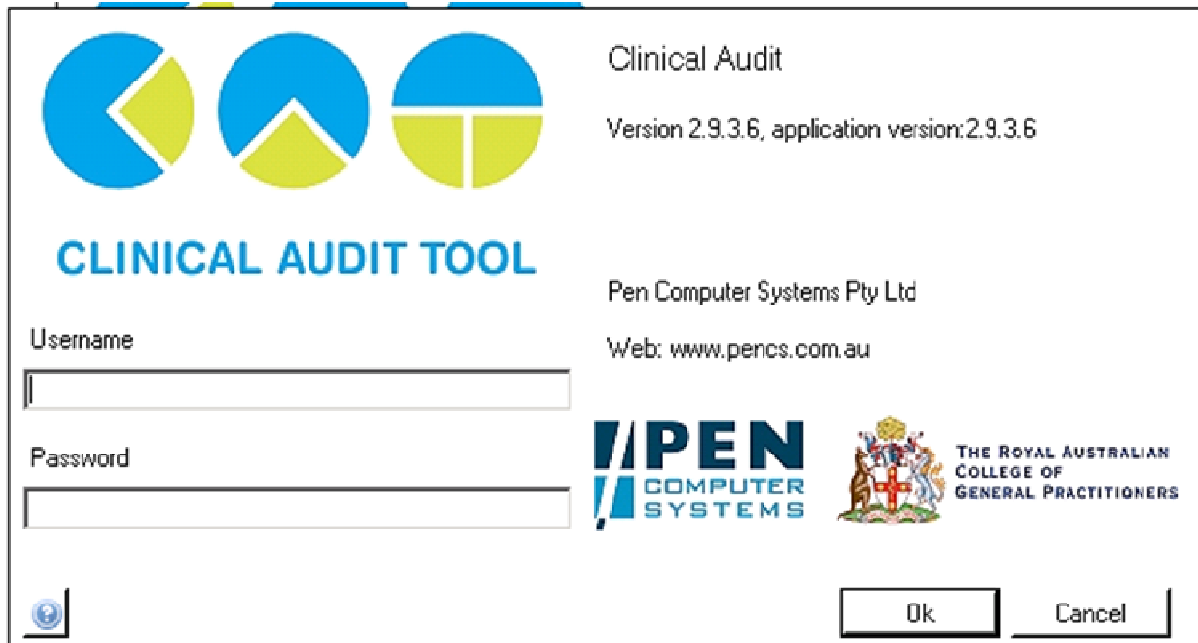
1. Click on the *Start* button 
2. Click on the *All Programs* tab, find *Pen Computer Systems* and *PCS Clinical Audit Tool*



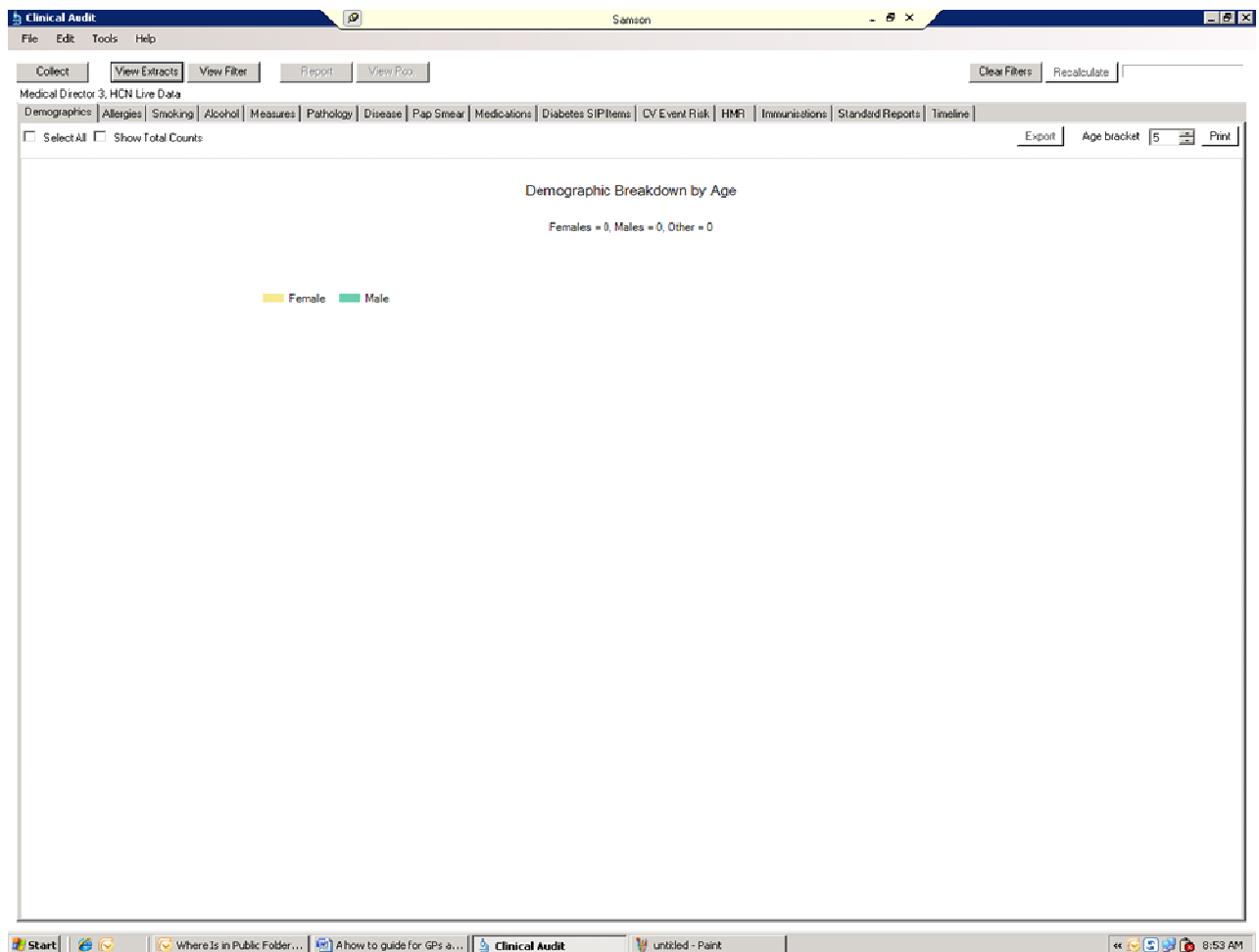
Occasionally a box may pop up asking if you would like to update to the latest version. Click OK.



- When the login screen appears, login with the details that have been provided for your practice.



This screen will appear



4. Click on the *View Extracts* button and *View Filter* buttons



The *View Extract* button shows the data you want examine in the panel to the left and the filters will appear above the main panel.

A screenshot of a software application's filter panel. At the top is a menu bar with 'File', 'Edit', 'Tools', and 'Help'. Below the menu bar are several buttons: 'Collect', 'View Extracts', 'Hide Filter', 'Report', 'View Pop.', 'Clear Filters', and 'Recalculate'. The main area is divided into sections: 'General' (with sub-sections 'Conditions', 'Medications', 'Results', 'Providers', 'Saved Filters'), 'Gender', 'Ethnicity', 'Age', 'Last Visit', 'Activity', and 'Postcode'. Under 'Gender', there are checkboxes for 'Male', 'Female', and 'Other'. Under 'Ethnicity', there are checkboxes for 'ATSI', 'non ATSI', and 'Not Recorded'. Under 'Age', there are input fields for 'Start Age' and 'End Age', and radio buttons for 'Yrs' and 'Mths'. Under 'Last Visit', there are radio buttons for 'Any', '< 15 mths', '< 30 mths', and 'Date Range'. Under 'Activity', there are checkboxes for 'Active (3x in 2yrs)' and 'Not Active', and a dropdown menu for 'Visits in last 6 mths' with a value of '0'. Under 'Postcode', there are radio buttons for 'Include' and 'Exclude', and a text input field with '(comma separated)' below it. At the bottom right, there is a 'Clear Ge' button.

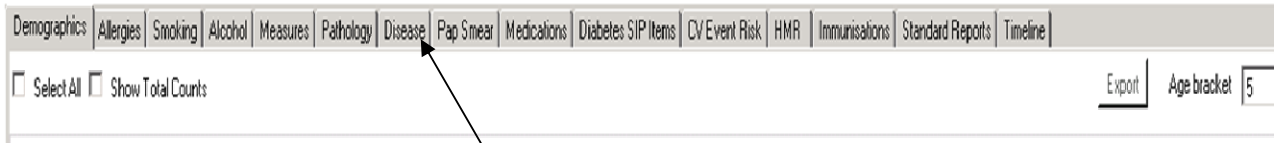
Now you can start to use the search tool.

The filters set the main criteria for searches; for instance you can set the filters to look for gender, age, ATSI, DVA, ect, when you have selected your filter choices, click on the *Recalculate* button.



## Filtered Tabs:

Once the CAT has recalculated the information you want, it will be displayed graphically in each tab



Medical Director 3 HCN Live Data

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

Export Age bracket 5 Print

Demographic Breakdown by Age [population = 8505]  
Females = 4628, Males = 3575, Other = 2

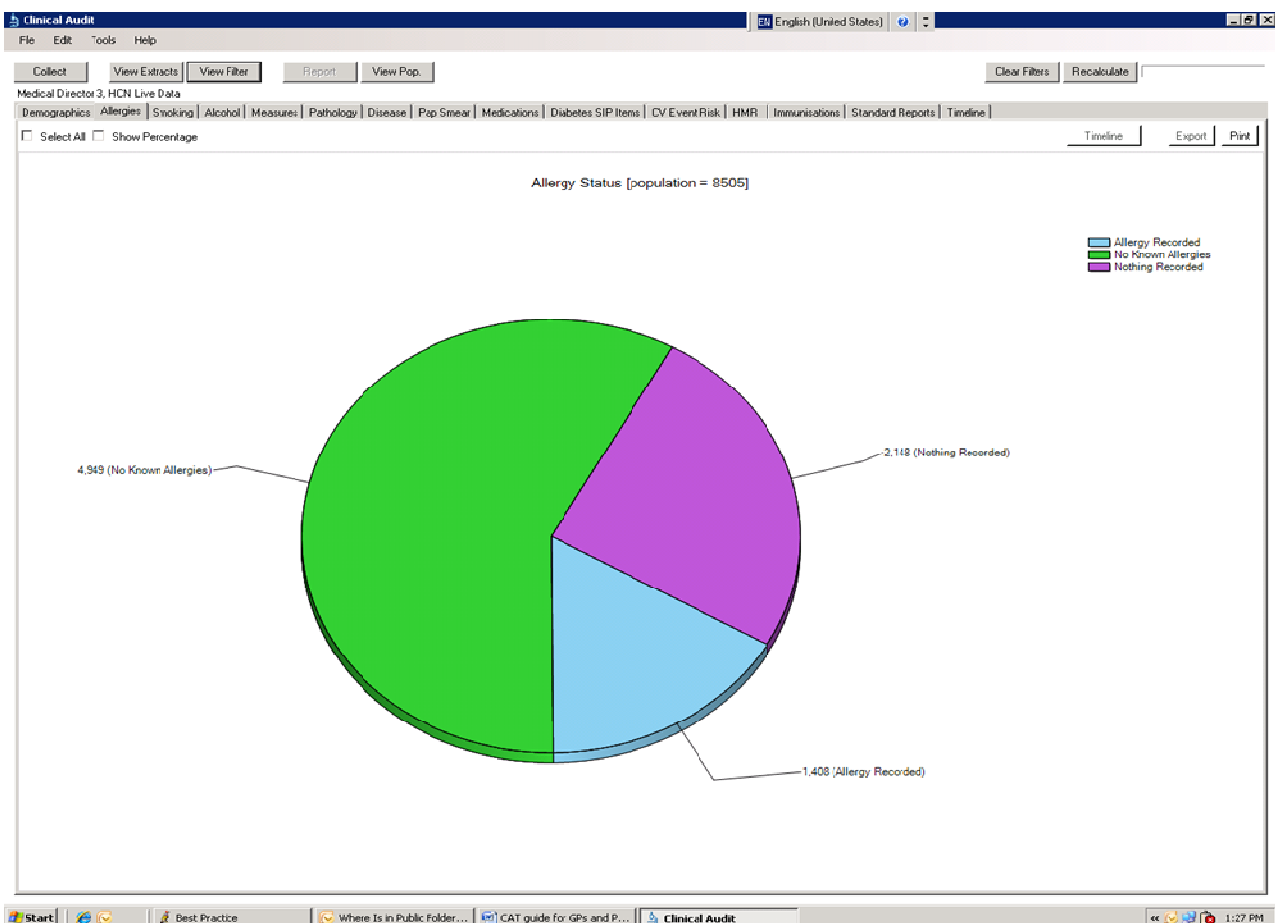
Age (Years)	Female	Male
100 - 100+	0	0
95 - 99	0	0
90 - 94	0	0
85 - 89	0	0
80 - 84	0	0
75 - 79	0	0
70 - 74	0	0
65 - 69	0	0
60 - 64	0	0
55 - 59	0	0
50 - 54	0	0
45 - 49	0	0
40 - 44	0	0
35 - 39	0	0
30 - 34	0	0
25 - 29	0	0
20 - 24	0	0
15 - 19	0	0
10 - 14	0	0
5 - 9	0	0
0 - 4	0	0

There are 15 tabs in the CAT tool some of which inturn have sub tabs.

The main tabs include:

- Demography
- Allergies
- Smoking
- Alcohol
- Measures
- Pathology
- Disease
- Pap smear
- Medications
- Diabetes SIP Items
- CV Event risk
- HMR
- Immunisation
- Standard reports
- Timeline

CAT uses Graphs to clearly show the information in a clear and easy to see way



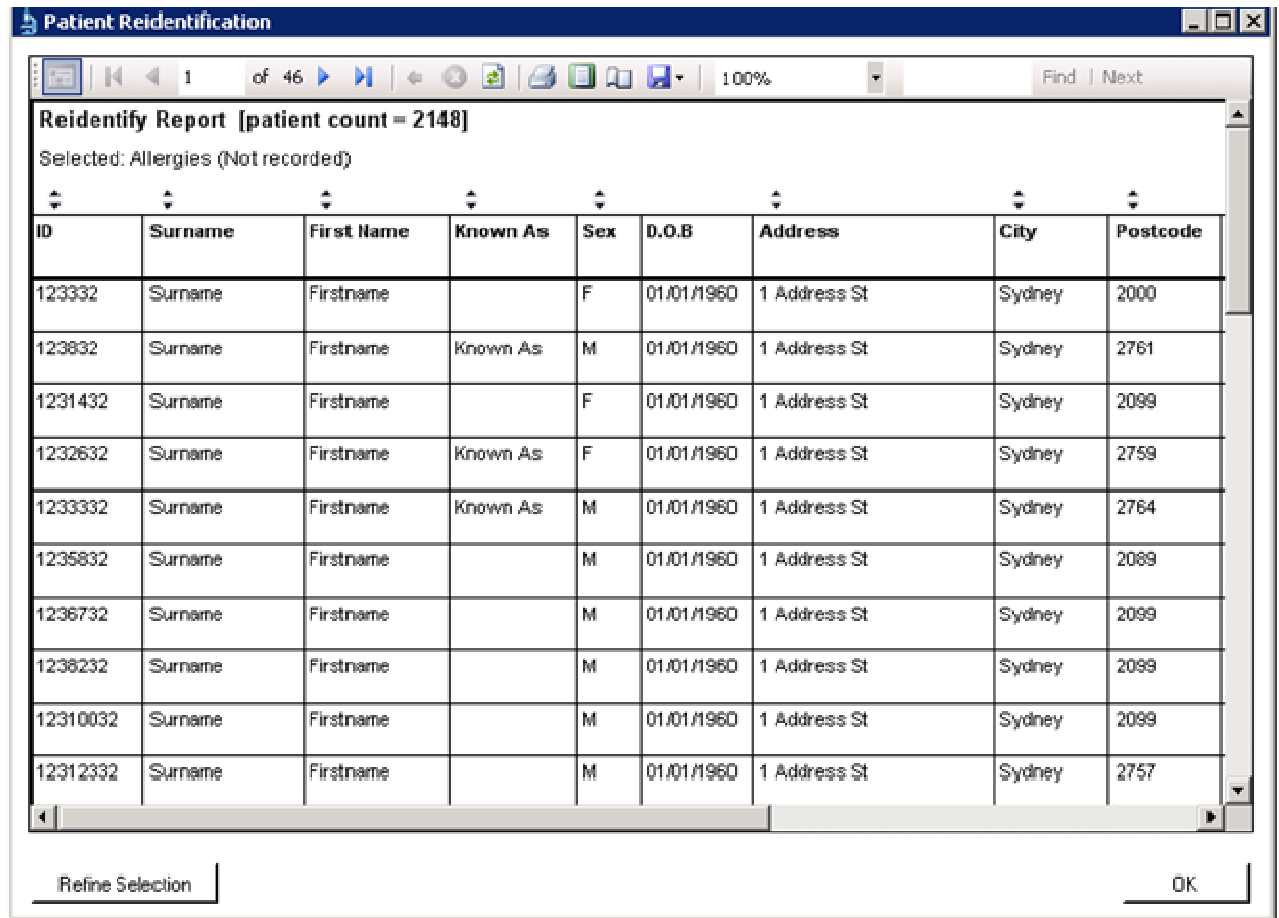
From this graph we can see that 58% of the patients don't have an allergy and 16% percent do have an allergy and 25% of the patient population don't have anything recorded.

By clicking on the sector of the pie graph that shows nothing recorded you will notice that the sector becomes highlighted.

Now click on the export button on the right hand corner.

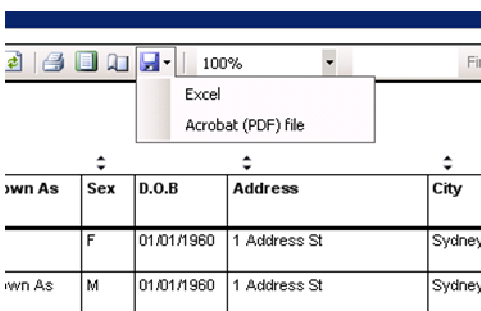


This will produce a table



This is a list of all the patients that do not have any allergies recorded.

Now you can either print out hard copy, save as a an Excel spreadsheet or a PDF file.



# FINDING DIABETES PATIENTS

1. From your filters list select the conditions tab and choose the diabetes tick box.

General **Conditions** Medications Res

**Diabetes**

Yes  No

2. Check *Active Patients* check box under activity

**Activity**

Active (3x in 2yrs)

Not Active

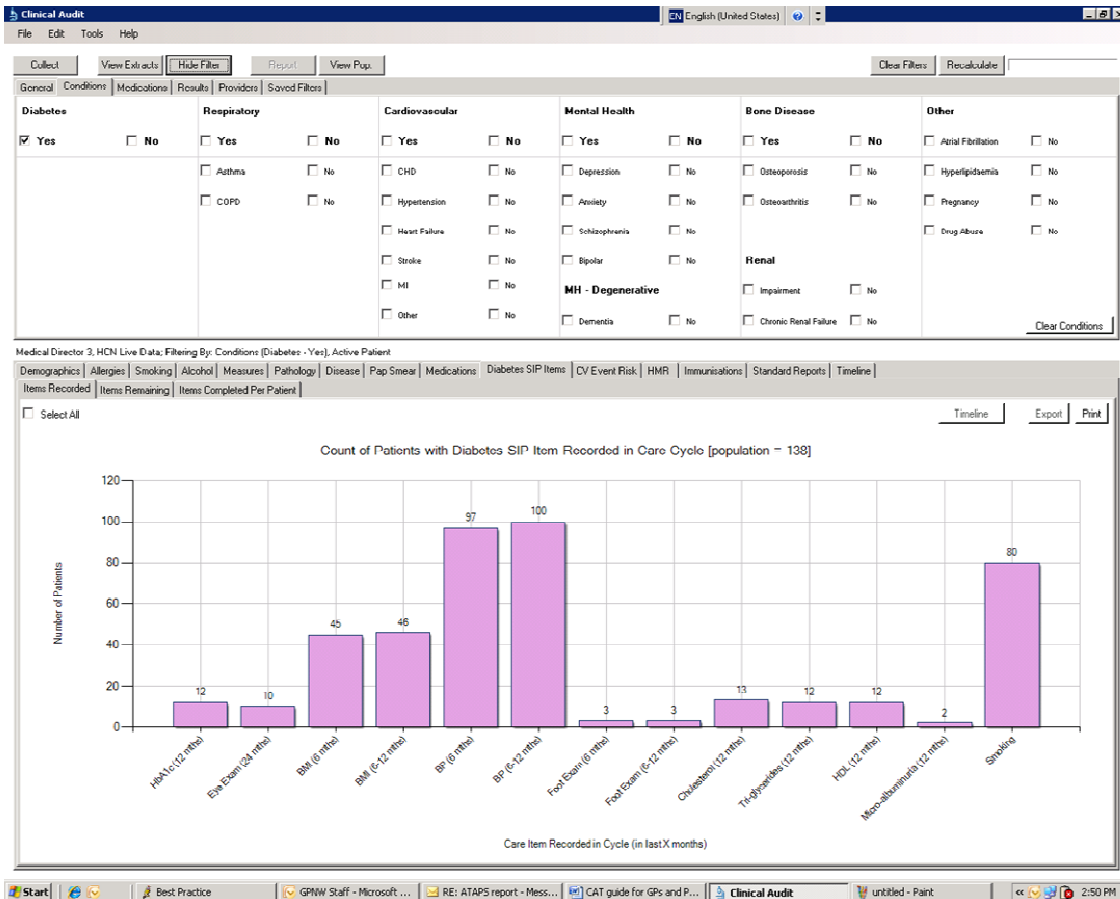
Visits in last 6 mths  
>=

3. Press *Recalculate*

Clear Filters **Recalculate**

Postcode

4. After the recalculation has finished (this can take a couple of minutes) click on the *Diabetes SIP Items* tab to view the results.



Note the sub tabs.

Items Recorded | **Items Remaining** | Items Completed Per Patient

Select All

You now have all the information about your diabetic patients and what treatments they have and have not had.



GENERAL PRACTICE  
*north west*

*to contact us:*

**General Practice North West**

PO Box 358, Ulverstone, Tas, 7315

Level 1, 11 Alexandra Road, Ulverstone, Tas, 7315

Ph: 03 6425 0800 Fax: 03 6425 0888

Email: [andrew@gpnw.com.au](mailto:andrew@gpnw.com.au)

Web: [www.gpnw.com.au](http://www.gpnw.com.au)

ABN 54 801 950 482

