



GENERAL PRACTICE  
*north west*

# Clinical Audit Tool (CAT)

A “How To” guide for GPs and Practice staff

## BOOKLET THREE

### RECALLS

Finding Patients that haven't had an Influenza Immunisation

Finding Patients with Missing BP, Allergies and BMIs



## 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.

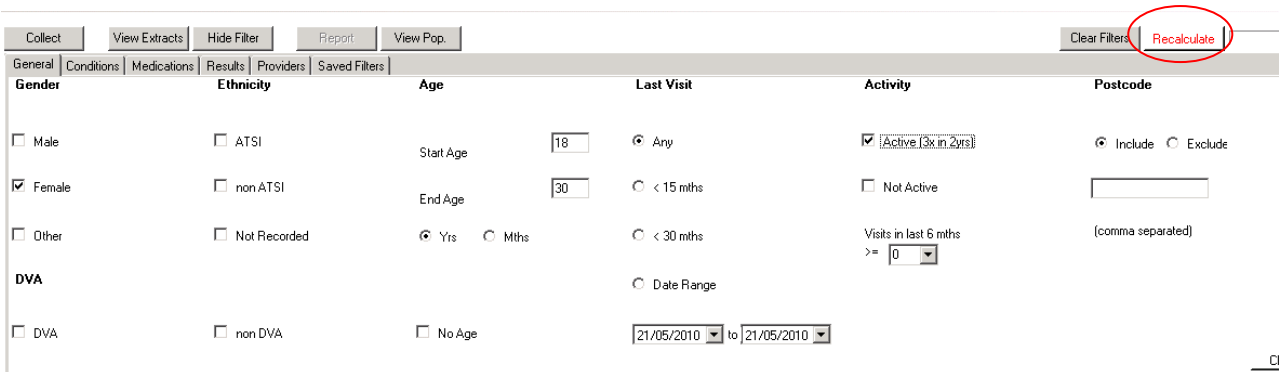
## A PROCESS FOR RECALL

There are different systems to recall, your practice software has a recall function, but the CAT can be used to query the database and select from a larger range and can be more specific in its searches.

It should be noted that this section is only a suggested process and that each practice needs are different and what works best for your practice should be the focus. The CAT tool should not be viewed as the only tool to use, but should be seen as an enhancement.

1. From the instructions from Book 1 or 2, open the CAT
2. Select the *Extract* you wish to use`
3. Select the *View Filters* tab 
4. Select the *Criteria* for your recall.

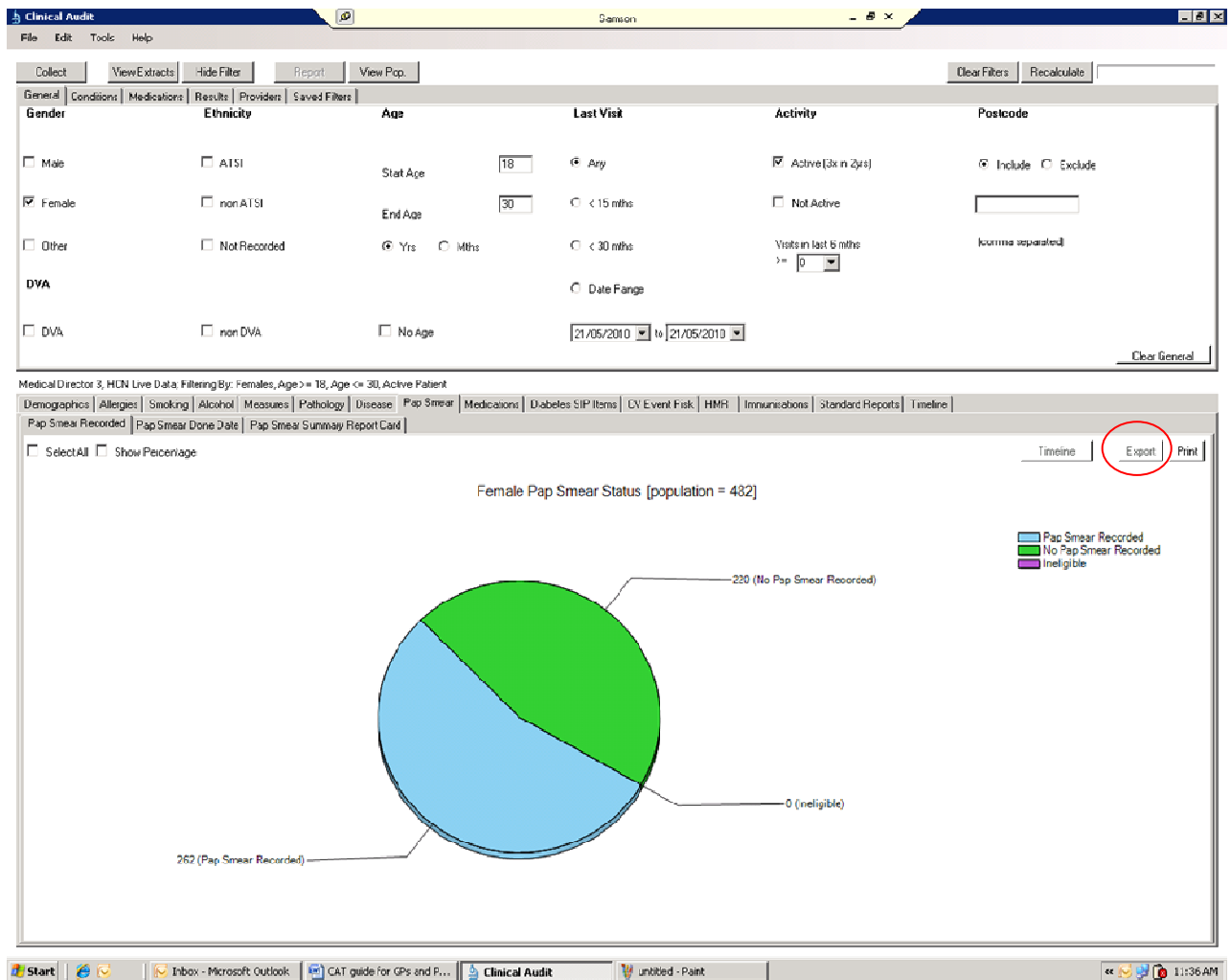
In this example we will focus on all women aged between 18 and 30 who have not had a pap smear in the last four years



The screenshot shows the CAT interface with the following filter criteria:

General	Conditions	Medications	Results	Providers	Saved Filters	Clear Filters	Recalculate
<b>Gender</b>		<b>Ethnicity</b>		<b>Age</b>		<b>Last Visit</b>	
<input type="checkbox"/> Male		<input type="checkbox"/> ATSI		Start Age: <input type="text" value="18"/>	<input checked="" type="radio"/> Any	<input checked="" type="checkbox"/> [Active (3x in 2yrs)]	<input checked="" type="radio"/> Include <input type="radio"/> Exclude
<input checked="" type="checkbox"/> Female		<input type="checkbox"/> non ATSI		End Age: <input type="text" value="30"/>	<input type="radio"/> < 15 mths	<input type="checkbox"/> Not Active	<input type="text" value=""/>
<input type="checkbox"/> Other		<input type="checkbox"/> Not Recorded		<input checked="" type="radio"/> Yrs <input type="radio"/> Mths	<input type="radio"/> < 30 mths	Visits in last 6 mths	(comma separated)
<b>DVA</b>				<input type="radio"/> Date Range		>= <input type="text" value="0"/>	
<input type="checkbox"/> DVA		<input type="checkbox"/> non DVA		<input type="checkbox"/> No Age	<input type="text" value="21/05/2010"/> to <input type="text" value="21/05/2010"/>		

5. Click *Recalculate*



The pie graph shows the number of women that have or have not had a pap smear in the last Four years

As with previous examples click on the sector of the pie graph that represents the women that have not had their pap smear to highlight it and then click on the Export button, *Print* or *Save* the resulting table.

Medical Director: 3, HCN Live Data, Filtering By: Females, Age >= 18, Age <= 30, Active Patient  
Selected: Pap Smear Recorded (Not Recorded)

Pap Smear Recorded (Not Recorded)

Female Pap Smear Status

ID	Surname	First Name	Known As	Sex	D.O.B	Address
'239432	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2316832	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2317132	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2328532	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2336132	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2369632	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2353932	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2359332	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2360432	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2361432	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2371032	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'2384432	Surname	Firstname	Known As	F	01/01/1960	1 Address St
'23108632	Surname	Firstname	Known As	F	01/01/1960	1 Address St

262 (Pap Smear Recorded)

0 (Ineligible)

From this list you can now begin your recall procedure. Making sure to use your clinical software (Best Practice, Medical Director ect) so that the patients records are updated.



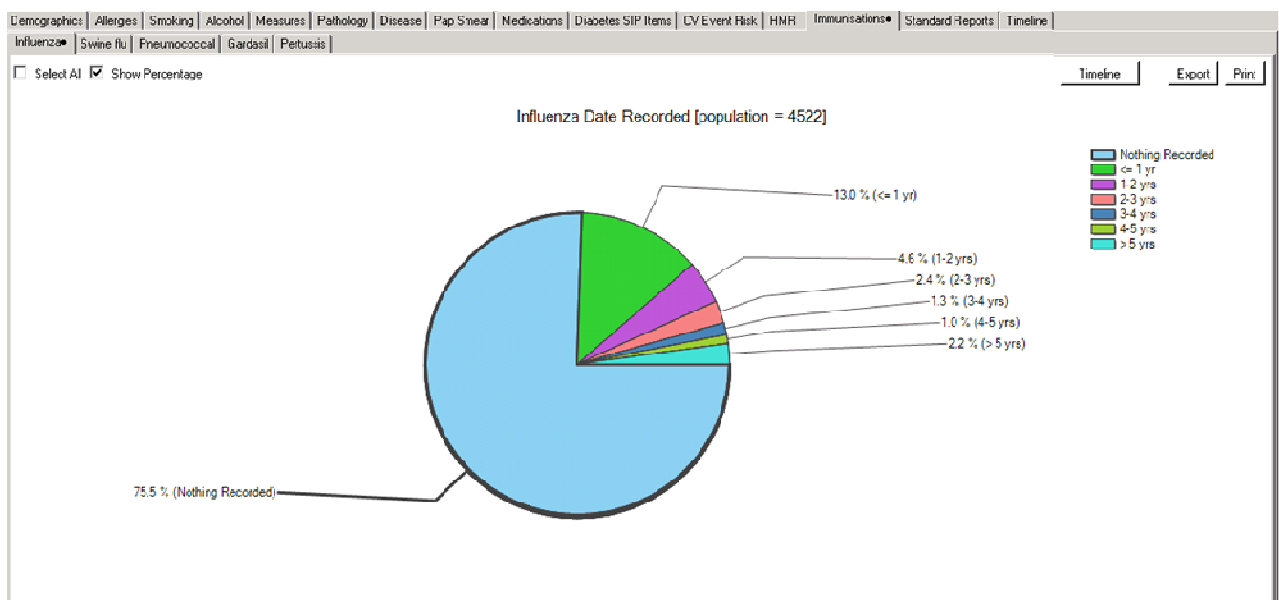
## FINDING PATIENTS THAT HAVE NOT HAD THE INFLUENZA VACCINATION

To find patients that have not had an influenza immunisation, follow these steps.

### Activity

1. Select *Active Patients*
  - Active (3x in 2yrs)
  - Not Active
  - Visits in last 6 mths  
>=

2. Select the **Recalculate** button
3. Select the *Immunisations* tab.



4. Click and select the blue sector of the graph showing nothing recorded.

5. Click the **Export** Button and *Print* or *Save* the resulting table

The screenshot displays a software window titled "Clinical Audit" with a "Patient Reidentification" report overlaid. The report shows a table of patient data with columns for ID, Surname, First Name, Known As, Sex, D.O.B, Address, City, and Postcode. Below the table, a pie chart illustrates the distribution of patients across different age groups.

ID	Surname	First Name	Known As	Sex	D.O.B	Address	City	Postcode
123232	Surname	Firstname		M	01.01.1963	1 Address St	Sydney	2089
123532	Surname	Firstname	Known As	M	01.01.1963	1 Address St	Sydney	2760
123632	Surname	Firstname	Known As	M	01.01.1963	1 Address St	Sydney	2761
123732	Surname	Firstname	Known As	M	01.01.1963	1 Address St	Sydney	2761
123632	Surname	Firstname	Known As	M	01.01.1963	1 Address St	Sydney	2761
1231032	Surname	Firstname	Known As	F	01.01.1963	1 Address St	Sydney	2754
1251132	Surname	Firstname	Known As	M	01.01.1963	1 Address St	Sydney	2754
1231232	Surname	Firstname	Known As	F	01.01.1963	1 Address St	Sydney	2099
1231932	Surname	Firstname	Known As	F	01.01.1963	1 Address St	Sydney	2096
1232032	Surname	Firstname	Known As	M	01.01.1963	1 Address St	Sydney	2096

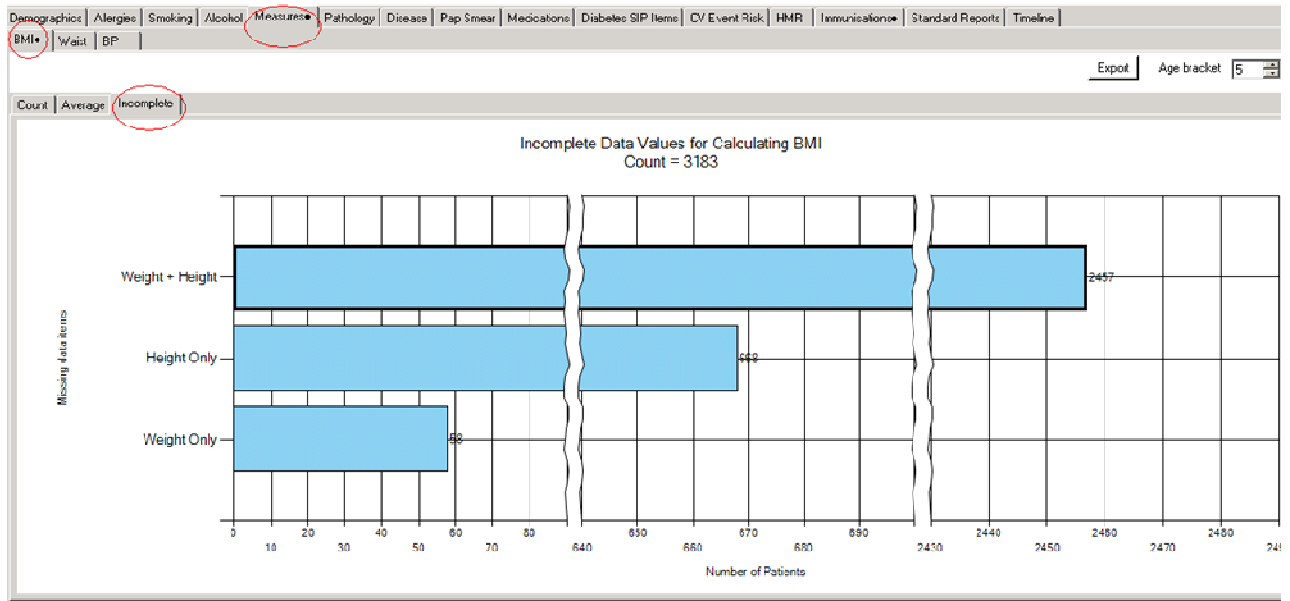
Age Group	Percentage
Nothing Recorded	75.5%
2-3 yrs	2.4%
3-4 yrs	1.3%
4-5 yrs	1.6%
> 5 yrs	2.2%

**Note** with large groups of patients it might be worthwhile using the filters to break the numbers down in to age groups ie 0-5 6-12 18- 35 and so on

# MISSING DATA BP, BMI AND ALLERGIES

In booklet two we looked at the *Summary Report Card*. The Summary Report Card can show you that there is data missing but cannot show who the patients are, this method will allow you to identify patients with missing data.

## 1. First select your Active Patients



## 2. Click on the Measures tab >BMI> and Incomplete.

3. Click on the relevant bar in the chart and click the **Export** button and *Print* or *Save* the resulting table

The screenshot shows a software window titled "Clinical Audit" with a menu bar (File, Edit, Tools, Help) and a toolbar (Collect, View Extracts, Hide Filter, Report, View Pop). The main area is divided into several sections:

- Filters:** Includes "Gender" (Male, Female, Other), "DVA" (DVA, no DVA), "Ethnic" (AT, nor, Not), and "Postcode" (Include, Exclude).
- Medical Director 3, HCN Live Data:** Filtering By: Selected Last Influenza (Nothing Recorded), BK. Includes sub-sections for Demographics, Allergies, Smoking, Alcohol, and EM (EM, Waist, BP).
- Summary:** Shows "Count", "Average", and "Incomplete" statistics.
- Report Window:** A "Reidentify Report [patient count = 2457]" is displayed, filtered by "Active Patient, Selected BMI (Missing Data)". It contains a table with columns: ID, Surname, First Name, Known As, Sex, D.O.B, Address, City, and Postcode. The table lists 10 patient records.
- Bar Chart:** A horizontal bar chart titled "Missing data items" shows the number of patients for three categories: "Weight + Height" (2457), "Height Only" (638), and "Weight Only" (56). The x-axis is labeled "Number of Patients" and ranges from 0 to 2490.
- Bottom Panel:** Includes an "Export" button, a "Page bracket" set to 5, and a "Print" button.

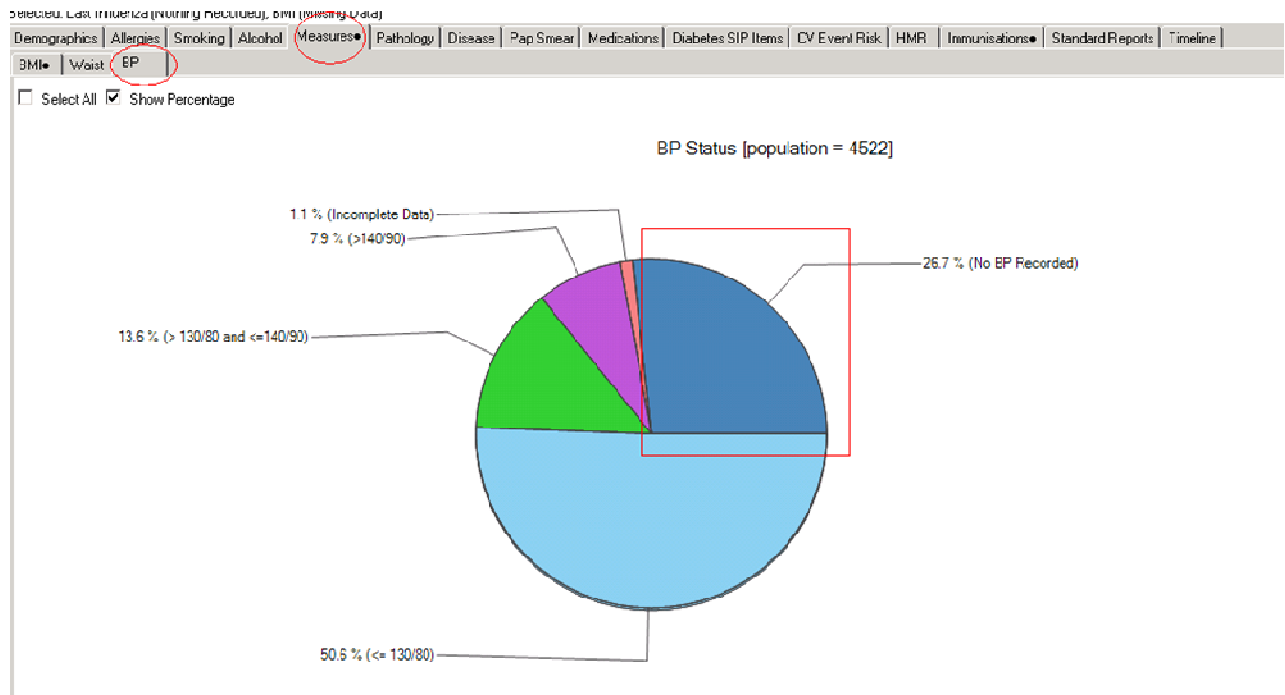
The task instruction points to the "Export" button in the bottom panel of the report window.



## MISSING DATA BP

This example is basically the same as the BMI and Allergies search

1. First select your Active Patients
2. Click on the *Measures* Tab
3. Click on the *BP* tab and the BP graph will appear



Select the dark *Blue* Section (No BP Recorded) and click the *Export* button to give you the list of patients with no BP recorded, which you can either *Print* or *Save*.





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: [contact@gpnw.com.au](mailto:contact@gpnw.com.au)

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

ABN 54 801 950 482