



## CLINICAL AUDIT TOOL

### Recipe Name:

## Identifying Coronary Heart Disease (CHD) patients with a blood pressure over 130/80 recorded in the last 12 months

### Rationale:

Biomedical risk factor modification – treat to target. Reducing Risk in Heart Disease guidelines recommend the goal for adults with CHD (and/or diabetes and/or chronic kidney disease and/or proteinuria >300mg/day and/or stroke/TIA) be <130/80 mm Hg

### Target:

All active patients currently on your system (active = 3 or more visits in the last 2 years) that have been diagnosed with CHD and had a BP of more than 130/80 recorded in the last 12 months

### Filtering for ethnicity

If required you can filter your clients by indigenous status before you look at the reports. This can be done on the General tab of the filter panel. If you need to identify patients by ethnicity you need to apply the relevant filter, recalculate, then look at the report panel of interest. To change the target population go back to the same filter and change the ethnicity selection and recalculate again.

The screenshot shows the 'Clinical Audit' software interface. The window title is 'Clinical Audit' and it has a menu bar with 'File', 'Edit', 'Tools', 'Prompts', 'Scheduler', and 'Help'. Below the menu bar are buttons for 'Collect', 'View Extracts', 'Hide Filter', 'Report', and 'View Pop.'. The main area is divided into tabs: 'General', 'Conditions', 'Medications', 'Results', 'Providers', and 'Saved Filters'. The 'General' tab is active and contains several filter sections:

- Gender:**  Male,  Female,  Other
- Ethnicity:**  ATSI,  non ATSI,  Not Recorded
- DVA:**  DVA,  non DVA
- Health Cover:**  Medicare No.,  No
- Age:** Start Age, End Age,  Yrs,  Mths,  No Age
- Last Visit:**  Any,  < 15 mths,  < 30 mths,  Date Range (09/02/2011 to 09/02/2011)
- Activity:**  Active (3x in 2yrs),  Not Active, Visits in last 6 mths >= 0





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### CAT Starting Point:

1. CAT Open
2. Population Extract Loaded and Extract Pane "Hidden"
3. Filter Pane open and under the 'General' tab 'Active Patients' (3x <2 years) selected (this step can be omitted if you want to search for all patients).
4. Filter pane open on 'Conditions' tab

### RECIPE steps:

1. Click on 'Yes' for CHD (under CVD) on the 'Conditions' tab

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

2. Click on the 'Results' tab in the filter panel and select '<= 12 mths'

Medical Director 3, HCN Live Data; Filtering By: Conditions (CHD - Yes), Last Results <= 12 mths

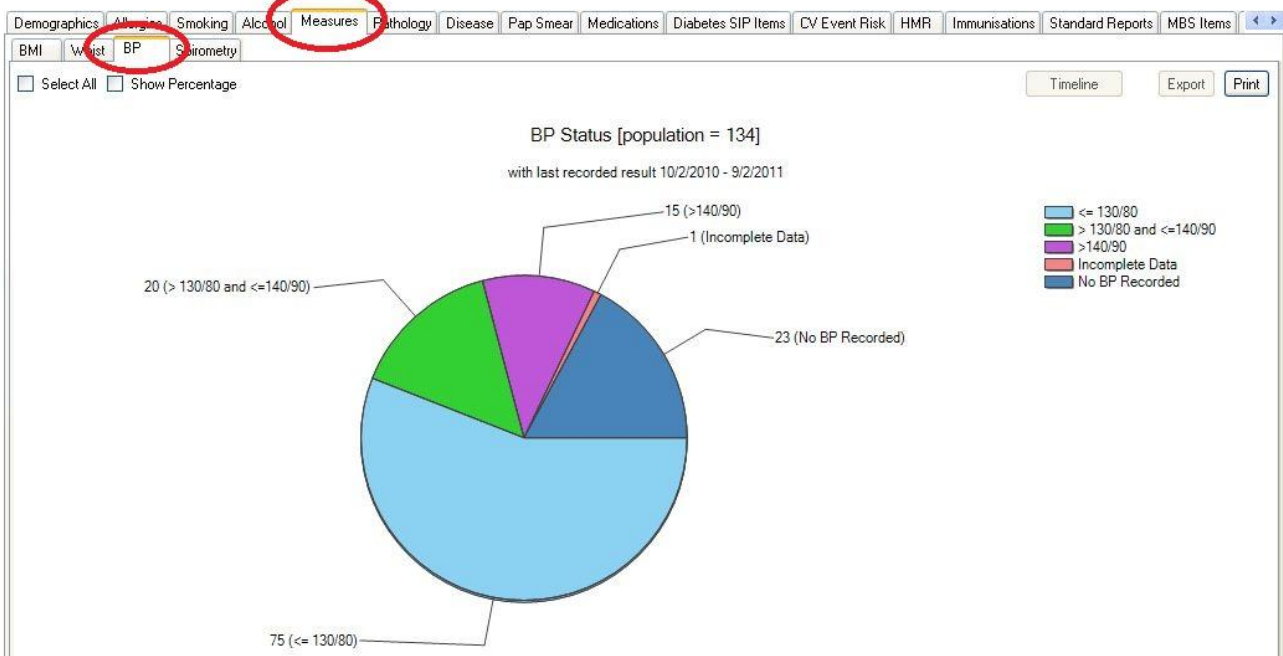




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3. Click on 'Recalculate' to apply the filters you have selected. This will filter your population for active clients coded for CHD and will only show results entered in the last 12 months.
4. Click on the 'Measures' tab in the reports panel and then on 'BP' to see the blood pressure graph. Note that the results date range depends on the date of your last data collection and is listed in the title of those reports that are affected by that filter.

Medical Director 3, HCN Live Data; Filtering By: Conditions (CHD - Yes), Last Results <= 12 mths



On this graph you can display the patients' with high BP (or no BP recording) by clicking on the relevant sections of the graph or the legend on the right hand side. Then click on the 'Report' button on the top of the screen and CAT will display a list of patients with BP as selected.



# CLINICAL AUDIT TOOL

**Patient Reidentification**

**Cross Tabulation Reidentify Report [patient count = 35]**

Filtering By: Conditions (CHD - Yes), Active Patient, Last Results <= 12 mths, Selected: BP (> 130/80 and <=140/90, >140/90)

ID	Surname	First Name	Known As	Sex	D.O.B	Address	City	Postcode	Phone (H)	Phone (W)	Phone (M)	BP	BP Date
1238932	Surname	Firstname		M	01/01/1960	1 Address St	Sydney	2088	5555 1234			140 / 70	18/01/2011
12345432	Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2089	5555 1234		055123456	135 / 90	28/01/2011
12373632	Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2761	5555 1234			140 / 80	20/12/2010
123107332	Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2099	5555 1234		055123456	135 / 80	25/01/2011
123177232	Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2757	5555 1234			135 / 85	24/11/2010
123311832	Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2099	5555 1234		055123456	135 / 85	3/12/2010
123397332	Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2099	5555 1234			135 / 85	13/07/2010
123478632	Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2089	5555 1234	5555 9999	055123456	133 / 38	27/01/2011
123500132	Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2099	5555 1234			140 / 70	4/01/2011

Refine Selection    Prompt at Consult    Go    OK

This report can now be exported or printed and used for recall. If you are using the PrimaryCare Sidebar® you can also create a prompt to alert yourself or other clinicians at the next visit of any of the clients listed that they had elevated BP in the last 12 months. You should consider medication management for CHD patients with elevated BP.

