



## CLINICAL AUDIT TOOL

**Recipe Name:** Identify active stroke/TIA patients who are not on Antiplatelet therapy.

**Rationale:** Antiplatelet therapy significantly reduces stroke, MI or vascular death (17.8% compared with 21.4%). Aspirin remains common although dual therapy with extended release dipyridamole (200mg bd) is more effective (relative risk reduction 18%) if tolerated<sup>1</sup>. Clopidogrel alone may also be used and is as effective as aspirin and dipyridamole<sup>2</sup>.

**Target:** Effectively identify all stroke / TIA patients not on antiplatelet therapy. Antiplatelet therapy is recommended for all ischaemic stroke patients if tolerated (unless contraindicated).

- CAT Starting Point:**
1. CAT Open
  2. Population Extract Loaded and Extract Pane "Hidden"
  3. **OPTIONAL ONLY\***: Filter Pane Open and, under the General Tab, "Active Patients (3x < 2 years)" selected

*\*The decision to select either "Active" or "All" patients is left to the practice to make*

The screenshot shows the 'Clinical Audit' software interface. The main window has a menu bar (File, Edit, Prompts, Help) and a toolbar with buttons for 'Collect', 'View Extracts', 'Hide Filter', 'Report', and 'View Pop.'. Below the toolbar are tabs for 'General', 'Conditions', 'Medications', 'Results', 'Providers', and 'Saved Filters'. The 'General' tab is active, showing filter options for Gender (Male, Female, Other), Ethnicity (ATSI, non ATSI), DVA (DVA, non DVA), Age (Start Age, End Age), Last Visit (Any, Active (3x < 2 years), Not Active, < 15 mths, < 30 mths, Date Range (from -to)), and Postcode (Include, Exclude). The 'Active (3x < 2 years)' option is selected. At the bottom, there are tabs for 'Demographics', 'Allergies', 'Smoking', 'BMI', 'Disease', 'Pap Smear', 'Lipids', 'Creatinine', 'HbA1c', 'BP', 'Medications', 'Diabetes SIP Items', 'CV Event Risk', 'HMR', 'Immunisations', and 'Standard Reports'. The 'Demographics' tab is active, showing 'Show Total Counts' and 'Export' buttons. The 'Age bracket' is set to 5, and there is a 'Print' button.

- 1 National Stroke Foundation, *Clinical Guidelines for Stroke and TIA Management: A guide for general practice*, pp4, 2008.
- 2 Sacco et al. *Aspirin and extended-release dipyridamole versus clopidogrel for recurrent stroke*. *N Eng J Med* 2008 Sep 18, 359(12) 1238-51.



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## RECIPE

### Identify Patients

#### In the Filters Pane:

1. In the **“Conditions”** tab select **“Stroke” - Yes**

The screenshot shows the 'Conditions' tab in the Clinical Audit tool. The 'Stroke' checkbox under the 'Cardiovascular' section is selected. Other sections include Diabetes, Respiratory, Mental Health, Bone Disease, and Other.

2. In the **“Medications”** tab under **“Medications - Heart”** select
  - a. Aspirin - No
  - b. Clopidogrel - No

The screenshot shows the 'Medications' tab in the Clinical Audit tool. The 'Aspirin' and 'Clopidogrel' checkboxes under the 'Anticoagulants' section are selected. The 'View Pop.' and 'Recalculate' buttons are also highlighted.

3. Click **“Recalculate”**
4. Click **“View Pop”**



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The list displays all active Stroke patients who are currently **NOT** on antiplatelet medications.

### To Export Patient List to Microsoft Excel:

1. Click on the **“Export Icon”** at the top of the Patient Reidentification window.
2. Click on **“Excel”**

Reidentify Report [patient count = 11]  
Filtering By: Conditions (Stroke - Yes), Medications (Asprin - No, Clopidogrel - No), Selected: Last Seen (Last Seen)

Surname	First Name	Known As	Sex	D.O.B	Address	City	Postcode	Phone (H)
Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2761	5555 1234
Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2099	5555 1234
Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2095	5555 1234
Surname	Firstname	Known As	M	01/01/1960	1 Address St	Sydney	2523	5555 1234
Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2754	5555 1234
Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2089	5555 1234
Surname	Firstname		F	01/01/1960	1 Address St	Sydney	2099	5555 1234
Surname	Firstname		F	01/01/1960	1 Address St	Sydney	2759	5555 1234
Surname	Firstname	Known As	F	01/01/1960	1 Address St	Sydney	2099	5555 1234
Surname	Firstname		F	01/01/1960	1 Address St	Sydney	2096	5555 1234

3. Choose a file name (eg. Stroke\_noAntiplateletMed.xls) and a location to save to (eg. Create a folder C:/ClinicalAudit/CAT Patient FollowUp)
4. Click **“Save”**



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**The practice now has a list of patients with contact details in MS Excel which can then be used to:**

1. Go back through the individual patient records in the Clinical Desktop System (CDS) and update known records.
2. Recall patients for follow up management with antiplatelet therapy if tolerated (unless contraindicated).

**This CAT Recipe was submitted by**

### **National Stroke Foundation**

and supports their Clinical Guidelines for Stroke and TIA Management: A guide for general practice, 2008.

<http://www.strokefoundation.com.au/health-professionals>



**strokefoundation**



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