

## TASMINH4 study

### GP Clinical System Search – EMIS Web

*To accompany Working Instruction 1: Practice List Search*

The search and report have been prepared to reduce the hassle of running the search to identify potentially eligible patients.

In order to run the search:

- a) Save the attachment “tas4 report.xml” somewhere on your practice computer eg shared drive. The attachment has been sent within a zip file in order to prevent it being blocked.
- b) Go into the reports section of EMIS, open the directory where you want to save the search
- c) From the reports menu, click import the file and save it into the directory above
- d) Run the “tas4 report”
- e) Once it has run, check using “patients included tab” that the search has run properly eg look at the first patient’s clinical record and check that they have hypertension and their last BP is over 145mmHg systolic
- f) Use the view function from the menu which should open a spreadsheet and then export to Excel

This is what the search looked like in a practice which has a small hypertension register:

The screenshot shows the EMIS Web Health Care System interface for DR H N HAMMERSLEY & PARTNERS. The main window displays a table of search results with columns for Name, Patient Count, %, Last Run, and Scheduled. A callout box points to the 'Import' button in the toolbar, with the text 'Import by clicking here'.

Name	Patient Count	%	Last Run	Scheduled
practice list	6381	100%	07-May-2014	
Age / Sex 10 Year Band	6381		07-May-2014	
Patient List	6381		07-May-2014	
Pregnant	14	1%	18-Sep-2013	
QOF Finder - How Am I Driving? (29-Oct-2013)	50			
QOF Finder - How Am I Driving? (31-Mar-2014)	315			
QOF Finder - How Am I Driving? (31-Mar-2014) more than 1 point	499			
recall list	257	4%	09-Apr-2014	
Age / Sex 10 Year Band	257		09-Apr-2014	
recall report	257		09-Apr-2014	
recall list 2	6391	100%	09-Apr-2014	
recall report	1116		09-Apr-2014	
recall list 2 with qof finder	177	3%	09-Apr-2014	
recall report	177		09-Apr-2014	
recall list (2)				
stroke and antiplatelet	20	1%	04-Dec-2013	
stroke and antiplatelet Auto Report	20		04-Dec-2013	
TASMINH4 search	38	1%	03-Sep-2014	
TASMINH4 search				
TASMINH4 search2	39	1%	01-Oct-2014	
tas4 report	39		01-Oct-2014	
under 5s	237	4%	11-Dec-2013	

The 'TASMINH4 search2' rule configuration window is shown below the table. It includes tabs for Details, Definition, Age / Sex, Trend, Patients Included, and Patients Excluded. The Parent Population is 'Currently registered regular patients'. Rule 1 includes patients with Clinical Codes where the Clinical Code is Hypertension and the Patient's Age at Event is older than 34 years. Rule 2 includes patients with Clinical Codes where...

EMIS Web Health Care System - DR H N HAMMERSLEY & PARTNERS - 7753

Population Reporting | Enquiry Manager | FP34D | Batch Data Manager

Run | Edit | View Results | Export Results | Print | Mail Merge | Batch Add | Check Patient | Patient List | Patient Address | Age / Sex | Auto | Full Hierarchy | Folder Hierarchy | Find

Report Management - 1 | SCR - 262 | Test Requests - 67 | Documents - 1 | Medicine Management - 9 (9) | Registration - 528 (30) | Lab Reports - 4 (1) | Tasks - 4

New priority Workflow Items received - Medicine Management

Name	Patient Count	%	Last Run	Scheduled
practice list	6381	100%	07-May-2014	
Age / Sex 10 Year Band	6381		07-May-2014	
Patient List	6381		07-May-2014	
Pregnant	14	1%	18-Sep-2013	
QOF Finder - How Am I Driving? (29-Oct-2013)	50			
QOF Finder - How Am I Driving? (31-Mar-2014)	315			
QOF Finder - How Am I Driving? (31-Mar-2014) more than 1 point	499			
recall list	257	4%	09-Apr-2014	
Age / Sex 10 Year Band	257		09-Apr-2014	
recall report	257		09-Apr-2014	
recall list 2	6391	100%	09-Apr-2014	
recall report	1116		09-Apr-2014	
recall list 2 with qof finder	177	3%	09-Apr-2014	
recall report	177		09-Apr-2014	
recall list (2)				
stroke and antiplatelet	20	1%	04-Dec-2013	
stroke and antiplatelet Auto Report	20		04-Dec-2013	
TASMINH4 search	38	1%	03-Sep-2014	
TASMINH4 search				
TASMINH4 search2	39	1%	01-Oct-2014	
tas4 report	39		01-Oct-2014	
under 5s	237	4%	11-Dec-2013	

Select the report then run from here  
Then view results

**TASMINH4 search2**

Details | Definition | Age / Sex | Trend | Patients Included | Patients Excluded

Parent Population **Currently registered regular patients**

**Rule 1** If Rule Passed : Goto Next Rule    If Rule Failed : Exclude from final result

Include Patients with Clinical Codes where:

- the Clinical Code is Hypertension
- and the Patient's Age at Event is older than 34 years

**Rule 2** If Rule Passed : Exclude from final result    If Rule Failed : Goto Next Rule

Include Patients with Clinical Codes where:

Choose Export to Excel, save somewhere on your computer and then open the file.

Once you have deleted the header rows, it should look like the screenshot below, but will also include the patients' names and addresses, that are hidden here for confidentiality reasons.

	A	E	F	N	O	P	Q	R	S	T	U	V
	EMIS Number	Exclusions	Age	Name, Dosage and Quantity	Date of Issue	Name, Dosage and Quantity	Date of Issue	Name, Dosage and Quantity	Date of Issue	Name, Dosage and Quantity	Date of Issue	Name, Dosage and Quantity
1												
2	473		65					Amlodipine 5mg tablets	01-Sep-2014			
3	538		64					Adalat LA 30 tablets (Bayer Plc)	16-Jul-2014			
4	551		84	Bendroflumethiazide 5mg tablets	23-Sep-2014	Atenolol 25mg tablets	23-Sep-2014					
5	1417		75	Indapamide 2.5mg tablets	28-Jul-2014			Amlodipine 10mg tablets	28-Jul-2014			
6	1556		73	Bendroflumethiazide 2.5mg tablets	21-Aug-2014							
7	1643		83	Bendroflumethiazide 2.5mg tablets	19-Aug-2014							
8	1807		51									
9	1952	stage 1 not treated	61									
10	2523		76			Atenolol 50mg tablets	15-Sep-2014	Felodipine 5mg modified-release tablets	15-Sep-2014			
11	3090		64					Amlodipine 10mg tablets	30-Jun-2014			
12	3364		67					Amlodipine 5mg tablets	15-Jul-2014			
13	3564		78									
14	4286	housebound	79					Nifedipine 30mg modified-release capsules	30-Sep-2014			
15	4769		52									
16	4983		64					Adalat LA 60 tablets (Bayer Plc)	22-Sep-2014			
17	5070	house bound	88			Atenolol 50mg tablets	19-Aug-2014					
18	5644		73	Bendroflumethiazide 2.5mg tablets	27-Aug-2014							
19	10429		79									
20	10503		58					Amlodipine 5mg tablets	26-Sep-2014			
21	10809		82									
22	14823		59									
23	15872		53					Amlodipine 5mg tablets	12-Aug-2014			
24	21933		50									
25	22537		59	Indapamide 1.5mg modified-release	29-Aug-2014			Amlodipine 5mg tablets	29-Aug-2014			
26	23626		69									
27	27206		77					Amlodipine 5mg tablets	16-Sep-2014			
28	27240		48					Amlodipine 10mg tablets	10-Jun-2014			
29	28636		75					Amlodipine 5mg tablets	08-Sep-2014			
30	30237		52									
31	40633		59									
32	43080		77			Atenolol 100mg tablets	19-Sep-2014	Amlodipine 5mg tablets	28-Jul-2014			
33	43144		70					Amlodipine 5mg tablets	26-Sep-2014			
34	43604		53					Amlodipine 10mg tablets	30-Jul-2014			
35	44415		64									
36	49505		54			Atenolol 25mg tablets	01-Oct-2014	Nifedipine 20mg modified-release capsules	01-Oct-2014			
37	49893		88									
38	50820	terminal	53					Amlodipine 5mg tablets	18-Jul-2014			
39	50950		55					Amlodipine 5mg tablets	21-Jul-2014			
40	500983		70			Bisoprolol 5mg tablets	18-Sep-2014					

Create a column on the far right of the spreadsheet to count the number of medications.

This can be done using the Excel command:

“=COUNTA(then select with commas between the columns for each drug class)”. For example, the command for the first row could be “=(COUNTA(Z4,X4,V4,T4,R4,P4,M4))”, but the precise command will depend exactly how your spreadsheet comes out. If it has worked, you should get a number showing in the relevant cell, which you can check manually by counting across the number of drugs. Then drag the cell downwards to copy the formula down the column:

The screenshot shows the Microsoft Excel interface with the following data in the spreadsheet:

	S	T	U	V	W	X	Y	Z	AA	AB	AC
	Date of Issue	Name, Dosage and Quantity	Date of Issue	Name, Dosage and Quantity	Date of Issue	Name, Dosage and Quantity	Date of Issue	Name, Dosage and Quantity	Date of Issue	number of medications	
4	01-Sep-2014							Lisinopril 10mg tablets	03-Sep-2014	2	
5	16-Jul-2014							Lisinopril 20mg / Hydrochlorothiazide 12.5mg tablets	16-Jul-2014	2	
6								Candesartan 4mg tablets	23-Sep-2014	3	
7	28-Jul-2014							Lisinopril 2.5mg tablets	28-Jul-2014	3	
8								Candesartan 16mg tablets	21-Aug-2014	2	
9								Ramipril 10mg capsules	02-Sep-2014	2	
10										0	
11										0	
12	15-Sep-2014							Losartan 100mg tablets	15-Sep-2014	3	
13										0	
14	15-Jul-2014									1	
15										0	
16	30-Sep-2014							Lisinopril 10mg tablets	30-Sep-2014	2	
17								Candesartan 8mg tablets	15-Sep-2014	1	
18	22-Sep-2014							Irbesartan 150mg tablets	22-Sep-2014	2	
19										1	
20								Ramipril 10mg capsules	27-Aug-2014	2	
21										0	
22	26-Sep-2014							Perindopril erbumine 2mg tablets	26-Sep-2014	2	
23										0	
24										0	
25	12-Aug-2014							Losartan 50mg tablets	15-Sep-2014	2	
26								Lisinopril 5mg tablets	18-Sep-2014	1	
27	29-Aug-2014							Ramipril 10mg capsules	29-Aug-2014	3	
28								Lisinopril 20mg tablets	09-Sep-2014	1	
29	16-Sep-2014									1	
30										0	
31	08-Sep-2014									1	
32										0	
33								Candesartan 4mg tablets	26-Aug-2014	1	
34	28-Jul-2014							Lisinopril 5mg tablets	28-Jul-2014	3	
35	26-Sep-2014							Ramipril 10mg capsules	26-Sep-2014	2	
36	30-Jul-2014							Lisinopril 20mg tablets	30-Jul-2014	2	
37								Perindopril erbumine 4mg tablets	26-Aug-2014	1	
38	01-Oct-2014							Ramipril 10mg capsules	01-Oct-2014	3	
39										0	
40	18-Jul-2014							Losartan 100mg tablets	18-Jul-2014	2	
41	21-Jul-2014									1	

You should end up with the number of medications showing here

Record the number on the list on the *Search Report Form – Part 1*.

Remove anyone with 4 or more of the anti-hypertensive agents reported, and record this number in the relevant box on the *Search Report Form – Part 2*.

Pass the list to the TASMING4 Lead GP to remove anyone known to be terminally ill, housebound or otherwise unsuitable for the study. The GP should record how many in each category are excluded on the *Search Report Form – Part 2*.

Invite the remaining patients. You can use the Excel sheet to run a mail merge or to upload to DocMail (remove the drug columns from the sheet you upload).