



UNIVERSITY^{OF} BIRMINGHAM

TASMINH4 study

GP Clinical System Search – SystmOne

Step-by-step instructions for conducting the TASMINH4 search in SystmOne to accompany Working Instruction 01: Practice List Search

- 1. In SystmOne, click on reporting
- 2. Go to clinical reporting
- 3. Choose a folder to save the search to or click new folder
- 4. Name the report TASMINH4 hypertension registered
- 5. Name the sub category TASMINH4
- 6. On demographics, click on age, mark current age as over 35 years:



7. On "Clinical", click on read coded entries and choose HYP: Hypertension diagnosis codes

🍸 SystmOne GP: Makiko Che	ermahini (Community Practitioner) at Ric	lgacre House Surgery -	Clinical Reporting		🗕 🗗 🔀
Patjent Appointments Reporting	a Audit Setup Links Cinical Tools Workflow	<u>U</u> ser S⊻stem <u>H</u> elp			
Q 🔲 🛔	🖻 . 😰 . 🗶 🐽	<u>M. 6</u>	Si . O 🖤		
Search Save Acute	Task Avete Hot for Menu Wo	rd R Change Intrado	GP Fee Paris		
	◎ 補電 私 型 人 魚 目 義 #?	··· ··· ··· ···			
New Join Copy Import	Export Excluded Patients Report Queue	Refresh			
A Demosta (17996)	T Amend Report				
Aintepone (17300) Aintepone	News TASMINIH 4 Immediate rog	internel	D del conset la facination		ta included un to 22 San 2014 17-00
Completed (4)	In the international states of the states of	Istereu	Add report to ravourites		10 Included up to 25 Sep 2014 11:00
Search reports	Category Maki Research	¥	New Category		2014 09:01 🚯 🔨
🗘 Favourites	Sub category TASMINH 4	*	New Sub-category		2014 09:01 📾
4 🦂 By Owner	🕨 📑 Registration 🔷	Report on Read of	coded entries		2014 09:07 📵 🗸
4 🧌 My Reports (338)	Administration				2014 09:07 (B) 2014 09:01 (B)
🔺 📗 Maki Research (🕨 📑 Child Health	A coded entry exists			2014 09:07 📾
* BARACK D (🕨 📄 Risk Factors	Read codes			2014 09:01 👜
* BLISS (6)	🔺 📔 Clinical				2014 09:01 (6)
 COPD feasilit 	O Event Dates				2014 09:01
* EAST (8)	Event Counts				2014 09:07 📾 🗸
 EAST for fee 	🛱 Event Staff & Location				2014 09:06 📵 🗸
 GPETB (1) 	BP Blood Pressure				2014 09:01 (8)
 MPRESS (16) 	Care Plans				2014 09:01 (6)
* MND (31)	attl Child Growth Centiles				2014 09:01 👜
+ PHQ9 (1)	Consultation Activities				2014 09:01 (6)
 REFER post 	Contraception Claims) 2014 09:01 (BD)
+ STAMP2 (14	🏜 Drug Sensitivities				
 STILTS (7) 	Goals 🔤				
 STILTS2 (9) 	ar Letters				
+ STOP SKD (Medication				
 TASMINH 4 (ski Numerics				
 TASMINH 4 1 	Pathology reports				
 TEST BARA 	% Problem Substances	Read code in a cluster	HYP : Hypertension diagnosis codes	·	
 children exp 	¶Ę Recalls		Only report on the earliest match		
 dental cardie 	Read Coded Entries		Only report on the most recent match		
 feasibility (43) 	- Referrals In		Only report on new episodes		
 neadache te 	➡ Old Referrals Out				
 intermittent c 	→ New Referrals Out				
 osteoprosis 	Relationships				
 research rea time unau (20) 	11 Reminders				
 I une vax (20 Anno 1 anno 1 anno					
D Biningham Share (Qk Qancel	Changing	
b Local Share (16)					
Bidgacre Medical Ce	entres (244)				
System Wide (15407)	7)				
▷ < 🗄 By Category	·				
Show sub-category reports in c	ategory folders 18 Reports (1 Sele	sted)			<u>×</u>
Search features		💌 🚺 0 128	1 0 129 置 337 0 🔛 0 0 0 0 🕑 🕑 0 0 0 😰 15 15 4	: 🦻 🤮	🎚 🖉 🖂 09:15
🐉 start 🛛 🙆 🤌 🗎	» 🖉 NHSmail - Windows In 🍸 SystmO	ne GP: Makiko 🛛 🗐 Docu	ument1 - Microsof		🔍 😂 🏈 🛄 💭 🛛 09:27

8. On "Clinical" click on numerics, choose BPSYS – BP systolic codes and mark greater than 145, tick boxes as below.



9. On "Clinical", click on read coded entries and choose "chronic kidney disease 4 and 5"



10. On "Clinical", click on read coded entries and choose "CKDPRT: Proteinuria for CKD"



11. On "Clinical", click on read coded entries and choose "AFIB: Atrial fibrillation codes"



12. On report joining, click on join to more than two reports, on the join type, make sure the diagram is as shown below. All clinical exclusion reasons are now within one place.



13. For medications: Click on Clinical and medication, choose Alpha-blockers and ensure that boxes are ticked as per the screenshot below (report all matching issues, report on repeat issues only)



14. For medications: Click on Clinical and medication, choose Antihypertensive vasodilators and ensure that boxes are ticked as per the screenshot below (report all matching issues, report on repeat issues only)

🍸 Amend F	Report			
<u>N</u> ame	TASMINH4- exc antihypertinsiv	e vasodilators	Add report to favourites	
Category	Maki Research	- I	New Category	
Sub category	TASMINH 4	•	New Sub ceterory	
Sab Salogor ;		Denert en medieet	tion Sub-Category	
🔘 Ag	je 🖸	Report on medical	uon	-
Bila	nnicity & Marital Status			-
	me			
	NY NY			
😜 Dia	ace of Birth	Action group	Antihypertensive vasodilators	
Te	lecom		Excluding these specific drugs	
Registi	ration			
🖻 🔡 Admini	istration		•	
👂 🗾 Child H	lealth		Nothing selected	
👂 📑 Risk Fa	actors		×	
4 📗 Clinica	al			
🔇 Ev	ent Dates	Drug name		
🕮 Ev	ent Counts			
🛱 Ev	ent Staff & Location			
BP Blo	ood Pressure			
Ca	re Plans			
hti Ch	ild Growth Centiles			
Co	nsultation Activities			
¥ Co ₺	ntraception Claims	 Report all matching issues 	15	
Dri	ug Sensitivities	Report only the earliest m	natching issue	
Ge Ge	Jais Hava			
8	adjection	Report on acute issues or	anly	
IgBy No	merics	 Report on repeat issues of 	only	
Par	thology reports	Report on all issues		
36 Pro	ablem Substances	Report on start date		
∎É Re	calls 🔽			~
			Ok Cancel C	Changing

15. For medications: Click on Clinical and medication, choose ACE inhibitors and ensure that boxes are ticked as per diagram below (report all matching issues, report on repeat issues only)

Amend H	cepont -			
<u>N</u> ame	TASMINH4 - exc ACE		Add report to favourites	
Category	Maki Research		New Category	
Sub category	TASMINH 4		New Sub-category	
🔺 📗 Demog	raphics 🛆	Report on me	dication	
🚼 Ac	idress			^
🎁 Ag	je			
🔐 Eth	nnicity & Marital Status			
🖧 La	nguage	a sting many	A ACC inhibitory	1
🙋 Na	me	Action group		
💡 Se	x		Excluding these specific drugs	
🌍 Pla	ice of Birth			
🕿 Te	lecom			
👂 📙 Registi	ration		Nothing selected	
👂 📑 Admini	istration		×	
🕨 📑 Child F	lealth			
👂 📙 Risk Fa	actors	Drug name		
4 📗 Clinic	al			
🔇 Ev	ent Dates			
🕮 Ev	ent Counts			
🛱 Ev	ent Staff & Location			
BP Blo	ood Pressure			
Ca	re Plans			
ht Ch	ild Growth Centiles	O Devent of westerio		
🖉 Co	nsultation Activities	Report all matching O Denort actually) issues	
💡 Co	ntraception Claims	 Report only the ea 	niest matching issue	
🋍 Dr	ug Sensitivities	O Report on acute is	sues only	
Go	als	 Report on repeat is 	ssues only	
ar Le	tters	Report on all issue		
<u>е</u> м	edication			
1234 567 Nu	merics	Report on start da	ate	
Pa	thology reports 🛛 🗹			~
			Qk Cancel	Changing

16. For medications: Click on Clinical and medication, choose Centrally-acting antihypertensives and ensure that boxes are ticked as per the screenshot below (report all matching issues, report on repeat issues only)

1	🍸 Amend R	eport						
	<u>N</u> ame	TASMINH4 - exc antihypertinsiv	e centrally acting			Add report to favourites		
	Category	Maki Research	•	New Categ	jory			
	Sub category	TASMINH 4	•	New Sub-	ategory			
	4 📄 Demogr	anhics	Report on medic	ation				
	Ada	iress						^
1(🁸 Ag							_
\mathbf{b}	😥 Ethr	nicity & Marital Status						
	🖧 Lan	guage	Action group	8 80	Controlly-a	cting antihynartaneiyae		
sik	🖉 Nar	ne	Meton group	Evelution	dentraliy-a	fa down		
	💡 Sex			Excluding	these speci	tic drugs		
e	💔 Plac	e of Birth		â				
10	Tele	ecom		i		Nothing selected		
15	Adminis	tration		×		Notining selected		
	Child He	ath					~	
зt	Risk Fa	ctors	Drug parte					=
14	🔺 📗 Clinica		brag name					
	🔇 Eve	nt Dates						
Ð	🕮 Eve	nt Counts						
0	🖗 Eve	nt Staff & Location						
‡ (BP Blo	od Pressure 🤐						
+1	Car	e Plans						
A	ht Chi	d Growth Centiles	 Report all matching issues 	ies				_
ф Чіс	Cor	suitation Activities	O Report only the earliest	matching is:	ue			
43	True and a contract of the con	n Sepetituties						
fe	Gor	de la	 Report on acute issues 	only				
: d	a Lett	ers	 Report on repeat issue 	s only				
s	🔓 Me	dication	 Report on all issues 					
e	1234 562 Nun	nerics	Report on start date					
20	Pati	noloav reports 🛛 🗹						~
39				<u>Q</u> k	<u>C</u> ancel			Changing

17. For medications: Click on Clinical and medication, choose Angiotension-II antagonists and ensure that boxes are ticked as per the screenshot below (report all matching issues, report on repeat issues only)

🝸 Amend R	leport			×
Name	TASMINH4 - exc ARB		Add report to favourites	
Category	Maki Research		New Category	
Sub category	TASMINH 4		New Sub-category	
🔺 📗 Demog	raphics	Report on med	ication	
Ad	dress			^
🍈 Ag	e			
🛛 🞎 Eth	nicity & Marital Status			
🖧 Lar	nguage			-
: 🙋 Nai	me	Action group	Angiotensin-li antagonists	
💡 Se:	x		Excluding these specific drugs	
🌒 🛞 Pla	ce of Birth			^
🕿 Tel	ecom			
🕨 📙 Registr	ation		Nothing selected	
🕨 📑 Admini	stration		×	
🕨 📙 Child H	ealth			~
🕨 📙 Risk Fa	actors	Drug name		
a 📗 Clinica	al de la constante de la consta			
🔇 Eve	ent Dates			
🕮 Eve	ent Counts			
n 🖗 Eve	ent Staff & Location			
BP Blo	od Pressure			
Car	re Plans			
🕴 🛛 👫 Chi	ild Growth Centiles	O Denned all models in the		
🖌 🧷 Cor	nsultation Activities	Report all matching is Denert ask the series		
💡 Co	ntraception Claims	 Report only the earlier 	ist matching issue	
🔹 🛛 🚵 Dru	ug Sensitivities	Report on acute issu	ies only	
Go 📃 Go	als	 Report on repeat iss 	ues only	
🔹 🛛 🦓 Let	ters	Report on all issues	,	
🔓 Me	edication			
8 1234 567 Nui	merics	Report on start date		
Pat	iholoav reports 🛛 💌			~
			Ok Cancel	Changing

18. For medications: Click on Clinical and medication, choose Calcium channel blockers and ensure that boxes are ticked as per the screenshot below (report all matching issues, report on repeat issues only)

🍸 Amend R	leport				X
Name	TASMINH4 - exc CCB			Add report to favourites	
Category	Maki Research		-	New Category	
Sub category	TASMINH 4		•	New Sub-category	
🔺 📗 Demog	raphics	🔺 Report on r	nedic	ation	
🚺 Ad	dress				^
🍈 Ag	e				
🞎 Eth	nicity & Marital Status				
🖧 Lar	nguage	Action group		A Calcium channel blockers	1
🖉 Nar	me	Action group			
💡 Sei	x			Excluding these specific drugs	
🌍 Pla	ce of Birth				
Tel	ecom			1	
🕨 🗾 Registr	ation			Nothing selected	
🕨 📑 Adminis	stration				
🕨 🗾 Child H	ealth			<u>▼</u>	
🕨 🗾 Risk Fa	ictors	Drug name			
4 📗 Clinica	al de la constante de la const				
🔇 Eve	ent Dates				
🕮 Eve	ent Counts				
n Eve	ent Staff & Location				
Blo	od Pressure				
Car Lat. cu	re Plans				
Han Chi	ia Growth Centiles	 Report all mate 	hing iss	ues	
	Isuitation Activities	O Report only the	e earlies	t matching issue	
	na aceputiti Cialms				
	ala ala	O Report on acu	e issue:	s only	
int Go	aio tere	 Report on repe 	at issue	es only	
	dication	 Report on all is 	sues		
IgBy Isba Nur	merics	Report on sta	t date		
Pat	hology reports	~			~
				Qk Cancel	Changing

19. For medications: Click on Clinical and medication, choose diuretics and ensure that boxes are ticked as per diagram below (report all matching issues, report on repeat issues only)

🍸 Amend F	Report				
Name	TASMINH4 - exc diuretics			Add report to favourites	
Category	Maki Research		•	New Category	
Sub category	TASMINH 4		-	New Sub-category	
4 📗 Demog	raphics	^	Report on medic	cation	
🚺 Ad	ldress				^
🍈 🖓 Ag	je				
🔹 🔍 Eth	nnicity & Marital Status				
🖧 La	nguage		Action group	高 あ Diurotics	
: 🖉 Na	me		Action group		
💡 Se	×			Excluding these specific drugs	
🗧 👋 Pla	ace of Birth				
Tel	lecom			1	
🕨 🕒 Registr	ration			Nothing selected	
Admini	istration				
D G Child H	ieann				=
A D Clinice	actors		Drug name		
	ai ent Nates				
E Fvi	ent Counts				
💩 Evi	ent Staff & Location				
BP BIC	ood Pressure				
Ca	ire Plans				
htt Ch	ild Growth Centiles		<u></u>		
🖉 Co	nsultation Activities		 Report all matching iss 	sues	
Q Co	ntraception Claims		Report only the earlies	st matching issue	
🏝 Dri	ug Sensitivities		Report on acute issue:	es only	
Go	als		 Report on repeat issue 	es only	
ar Lei	tters		O Report on all issues		
🔓 Me	edication		_		
1234 567 Nu	merics		Report on start date		
Pat	thology reports				~
1					Changing

20. For medications: Click on Clinical and medication, choose Beta-blockers and ensure that boxes are ticked as per diagram below (report all matching issues, report on repeat issues only)

🏹 SystmOne GP: Makiko Ch	ermahini (Community Practitioner) at Ri	gacre House Surgery - Clinical Reporting	- 7 X
Patjent Appointments Reporting	a Audit Setup Links Clinical Tools Workflow	User System Help	
Q	😰 . 😰 . 🛲 🕋		
Search Save Acute	Task Averte Hot for Menu M	rd R. Change Intrada GD Fae Desig	
New Join Copy Import	Export Excluded Patients Report Queue	lefresh	
🔺 📗 All Reports (17986)	🕈 Amend Report		
🖓 Waiting	Name TASMINH4- exc betablockers	Add report to favourites	ata included up to 23 Sep 2014 17:00
Completed (3)	Category Maki Research	New Category	un Flags
Search reports	Sub exteriory TARMINIH 4		2014 09:01 📾 🔼
C Favourites	Sub category TAGMINTY	New Sub-category	2014 09:01
⊿ €@ By Owner	Demographics	Report on medication	2014 09:07 🗃
▲ 弊 My Reports (338)	Address		2014 09:01 🙆
Maki Research (🔯 Age		(ff) 2014 00:01 (ff)
+ BUSS (6)	A Laponece		2014 09:01
+ COPD feasit	Conguage	Action group 🚦 🎰 Beta-blockers	2014 09:01 📾
* EAST (8)	Q Sex	Excluding these specific drugs	2014 09:01 (6)
+ EAST for fe	 Place of Birth 	8	2014 09:06
+ GPETB (1)	Telecom		2014 09:01 📾
 IMPRESS (15) 	Registration	Nothing selected	2014 09:01
+ MND (31)	Administration	×	(m)
+ PHQ9 (1)	Child Health		<u>(a)</u>
 REFER post 	Risk Factors	Drug name	0 2014 09:01 (ff)
+ STAMP2 (14	🖌 🔺 📗 Clinical		
+ STILTS (7)	O Event Dates		
+ STILTS2 (9)	Event Counts		
+ STOP SKD (P Event Staff & Location		
TASMINH 4 TASMINH 4	Blood Pressure		
TASHINH 41 TEST BARA	Care Plans		
+ children exp		Report all matching issues	
 dental cardia 	Contracention Claims	Report only the earliest matching issue	
 feasibility (43) 	Drug Sensitivities		
+ headache fe	Goals	Report on acute issues only	
+ intermittent of	ar Letters	Report on all issues	
+ osteoprosis	🚰 Medication		
 research rei 	Numerics	Report on start date	
+ time vax (20	Pathology reports		<u> </u>
Electric Local Reports (1139)	9	Ok Cancel Ct	hanging
Birmingham Share (1)	h,		
Local Share (16) Bidroore Matter (16)	entrop (244)		
Ridgacre Medical Ce Sustem Mide (1540)	7)		
By Category	"		
Show sub-catagory reports in a	sterrory folders 19 Provets (4 Colo	440	×
Search features	www.gory.rowdro io.reports(1.Sele	▼ 🔢 0 115 1 0 116 ឨ 337 0 🍄 0 0 0 0 📝 0 0 0 🖄 15 15 4 🤻	2 👔 🖉 🖂 09:32
🛃 start 🛛 🞯 🖉 🗎	🎽 🌈 NHSmail - Windows In 💽 SystmC	e GP: Makko 🔄 TASMINH4 search scr	 C 😂 🏈 💽 🕎 09:45

21. On report joining, click on join to more than two reports, on the join type, make sure the diagram is as shown below.

🏹 SystmOne GP: Makiko Che	ermahini (Community Practitioner) at Ri	dgacre House Surgery	- Clinical Reporting	_ 7 🛛
Patient Appointments Reporting	Audit Setup Links Clinical Tools Workflow	/ <u>U</u> ser S <u>y</u> stem <u>H</u> elp		
	📫 i 💕 i 🔳 🗶 🔹	🛎 😫	At 1 🖸 👘 👘	
Search Save Acute	Task Appts Hot for Menu W	ord R Choose Intrado	GP Fee Panic Discard	
	P 被 电 品 型 人 色 篇 篇 a ²	00g 🍸 🌰	hi 🖻 🖷 🐗 🏟	
New Join Conv Import	Export Excluded Patients Report Queue	Refresh		
	Amond Penert	Non-Con-		7
All Reports (17986)	, мпена керот			2
Vaiting	Name TASMINH4 - taking 3 or more	antihypertensives	Add report to favourites	ncluded up to 23 Sep 2014 17:00
Completed (3)	Category MakiResearch	-	New Category	Flags
Search reports	Sub category TASMINH 4		New Sub-category	014 09:01 (ff)
A F By Owner	Domographico	loin to more the	an two reports	(m)
4 My Reports (338)	Begistration			014 09:07
Maki Research (Join to reports	Name V Category	014 09:01 📾
+ BARACK D	Child Heatth	Select report(s)	TASMINH4 - exc alphablockers Maki Research / TASMINH 4	014 09:01 📾
+ BUSS (6)	Sind Health Sind Health Sind Health		TASMINH4 - exclaminiperintsive vasounators Maki Research / TASMINH 4 TASMINH4 - exclACE Maki Research / TASMINH 4	014 09:01 📾
+ COPD feasib		Remove report(s)	TASMINH4 - exc antihypertinsive centrally acting Maki Research / TASMINH 4	014 09:01 📾
+ FAST (8)	A Benort Joining	Report information	TASMINH4 - exc ARB Maki Research / TASMINH 4	014 09:01 (ff)
EAST for fee	lin to one report		TASMINH4 - exc CCB Maki Research / TASMINH 4 TASMINH4 - exc diuratics Maki Research / TASMINH 4	014 09:06 📾 🗸
* GPETB (1)	Join to two reports		TASMINH4- exc betablockers Maki Research / TASMINH 4	014 09:01 面
+ IMPRESS (15	Join to more than two reports			014 09:01 📾
+ MND (31)				014 09:01 (BD)
+ PHQ9 (1)				A
REFER post				014 09:01 📾
+ STAMP2 (14			· · · · · · · · · · · · · · · · · · ·	
+ STILTS (7)		Join type	Only report on patients found in at least	
+ STILTS2 (9)			a specified number of the selected	
+ STOP SKD (() (Report on patients found in any of the joined reports	
 TASMINH 4 (
 TASMINH 4 1 			Patients must be found in at least 3 🗧 🗧 of the join reports	
 TEST BARA 				
 children exp 		Percentage calculation	 Use organisation capitation to calculate this reports percentage 	
 dental cardia 			TASMINH4- exc betablockers (Maki Research / TASMINH 4)	
 feasibility (43) 			TASMINH4 - exc CCB (Maki Research / TASMINH 4)	
 headache fe 			TASMINH4 - exc diuretics (Maki Research / TASMINH 4)	
 intermittent c 			TASMINH4 - exc antihypertinsive centrally acting (Maki Research / TASMINH 4)	
 osteoprosis 			C TASMINH4 - eyc ACE (Maki Research (TASMINH 4)	
 research res 			TACMBRIA and all all and a fair and a f	
+ time vax (20			TASiwinne4 - exclapriabilitickers (waki Research / TASiwinne 4)	
Eucal Reports (1139)			TASMINH4- exc antihypertinsive vasodilators (Maki Research / TASMINH 4)	
Birmingham Share (1)			TASMINH4 - exc ARB (Maki Research / TASMINH 4)	
Local Share (16) Distance Manufact Column 1				
 Ridgacre Medical Ce Sustan Mida (45403) 			<u>Uk</u> <u>Cancet</u> Changir	9
By Category	,			_
Co by category				×
Show sub-category reports in c	ategory folders 18 Reports (1 Sele	oted)		S 🕅 🔽 00:24
Au otart @ A B			1 0 114 😝 337 0 😭 0 0 0 0 0 0 15 15 4 🐬 🊈	
	SystmC	ne GP: Makiko 📲 TA	Komuwhy search sch	09:46

22. On report joining, click on "join to two reports" and ensure the join type is clicked on "report on patients found in either of the selected reports", as per diagram below. All exclusions are now together.



23. Finally, on report joining, click on join to two reports and choose report with all exclusions and the original hypertension registered report. Make sure the join type states that the final report will report on patients found in report two (hypertension register) but not in report one (exclusions)



24. Run the search and save it to the appropriate folder.

After running the search:

Record the number on the list on the Search Report Form - Part 1.

Pass the list to the TASMINH4 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).