

APPENDIX 1

Sensitivity-maximizing and specificity-maximizing search strategies for pragmatic trials for Ovid MEDLINE

#	Search statement
	Trial design terms
1	((pragmatic\$ OR naturalistic OR real world OR real life OR unblinded OR unmasked OR cluster OR step\$ wedge\$ OR point of care OR factorial OR switchback OR switch back OR phase 4 OR phase IV) adj10 (study OR trial)) OR (practical trial OR effectiveness trial OR ((cluster\$ or communit\$) adj2 randomi\$)).tw.
	Trial attribute terms
2	(general practice\$ OR primary care OR registry based OR health record\$ OR medical record\$ OR EHR OR EMR OR administrative data OR routinely collected data OR (communit\$ adj2 intervention\$) OR quality improvement OR implementation OR decision support OR health service\$ OR health system\$ OR comparative effectiveness OR CER OR usual care OR evidence based OR practice guideline\$ OR (guideline\$ adj1 recommend\$) OR knowledge translation OR health technology assessment OR HTA OR cost effectiveness OR process evaluation OR economic evaluation OR patient oriented).tw.
	Limit to records likely to be RCTs
3	randomized controlled trial.pt. OR ((comparative effectiveness OR randomi?ed) adj10 (trial OR study)).ti.
4	(comment on OR phase 1 OR phase I OR phase 2 OR phase II OR non-randomi?ed OR quasi-randomi?ed OR pseudo-randomi?ed).ti. OR (clinical trial, phase I OR clinical trial, phase II OR systematic review OR meta-analysis OR review OR editorial).pt.
	Include records tagged as pragmatic trials
5	pragmatic clinical trial.pt.
	Sensitivity-maximizing search (combines trial design terms or attribute terms with RCT terms)
6	((1 OR 2) AND (3 NOT 4)) OR 5
7	exp Animals/NOT Humans/
8	6 NOT 7
	Specificity-maximizing search (combines trial design terms with RCT terms)
9	((1 AND 3) NOT 4) OR 5
10	exp Animals/NOT Humans/
11	9 NOT 10
	<i>Abbreviations:</i> RCT, randomized controlled trial.