

**Supplemental Table 1. Search strategy used for the following databases:
PubMed, the Cochrane Central Register of Controlled Trials and Embase**

Table 1.1 PubMed

Query	
#1	“Platelet Transfusion” [MeSH]
#2	platelet transfus*
#3	platelet infus*
#4	platelet administrat*
#5	PT
#6	thrombocyte transfus*
#7	thrombocyte infus*
#8	thrombocyte administrat*
#9	“Thrombocytopenia” [MeSH]
#10	thrombocytopen*
#11	NT
#12	“Infant, Newborn” [MeSH]
#13	infant
#14	newborn
#15	neonat*
#16	preterm
#17	prematu*
#18	#1 or #3 or #4 or #5 or #6 or #7 or #8
#19	#9 or #10 or #11
#20	#12 or #13 or #14 or #15 or #16 or #17
#21	18 and #19 and #20 Filters: Humans

Table 1.2 The Cochrane Central Register of Controlled Trials

Query	
#1	MeSH descriptor: [Platelet Transfusion] explode all trees
#2	(platelet transfus*): ti, ab, kw (word variations have been searched)
#3	(platelet infus*): ti, ab, kw (word variations have been searched)
#4	(platelet administrat*): ti, ab, kw (word variations have been searched)
#5	(PT): ti, ab, kw (word variations have been searched)
#6	(thrombocyte transfus*): ti, ab, kw
#7	(thrombocyte infus*): ti, ab, kw
#8	(thrombocyte administrat*): ti, ab, kw
#9	MeSH descriptor: [Thrombocytopenia] explode all trees
#10	(thrombocytopeni*): ti, ab, kw (word variations have been searched)
#11	(NT): ti, ab, kw (word variations have been searched)
#12	MeSH descriptor: [Infant, Newborn] explode all trees
#13	(infant): ti, ab, kw
#14	(newborn): ti, ab, kw
#15	(neonat*): ti, ab, kw
#16	(preterm): ti, ab, kw
#17	(premat*): ti, ab, kw
#18	#1 or #3 or #4 or #5 or #6 or #7 or #8
#19	#9 or #10 or #11
#20	#1 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10
#21	18 and #19 and #20 in Trials

Table 1.3 Embase

Query	
#1	'thrombocyte transfusion'/exp
#2	thrombocyte transfus*
#3	thrombocyte infus*
#4	thrombocyte administrat*
#5	'platelet transfusion'/exp OR 'platelet transfusion'
#6	platelet transfus*
#7	platelet infus*
#8	platelet administrat*
#9	pt
#10	'thrombocytopenia'/exp
#11	thrombocytopen*
#12	nt
#13	'newborn'/exp
#14	infant
#15	newborn
#16	neonat*
#17	preterm
#18	prematur*
#19	#1 or #3 or #4 or #5 or #6 or #7 or #8 or #9
#20	#10 or #11 or #12
#21	#13 or #14 or #15 or #16 or #17 or #18
#22	#19 AND #20 AND #21 AND ('clinical article'/de OR 'clinical study'/de OR 'clinical trial'/de OR 'clinical trial topic'/de OR 'cohort analysis'/de OR 'controlled clinical trial'/de OR 'controlled study'/de OR 'feasibility study'/de OR 'human'/de OR 'human experiment'/de OR 'intermethod comparison'/de OR 'major clinical study'/de OR 'multicenter study'/de OR 'observational study'/de OR 'open study'/de OR 'outcomes research'/de OR 'phase 2 clinical trial'/de OR 'prospective study'/de OR 'randomized controlled trial'/de OR 'randomized controlled trial topic'/de OR 'retrospective study'/de)