

Literature search strategies for review question: What is the effectiveness of uterotonics for the prevention of postpartum haemorrhage?

Database: Medline – OVID interface

Date of last search: 14/06/2022

#	Searches
1	POSTPARTUM HEMORRHAGE/
2	((postpartum or post partum) adj3 h?emorrhag*).ti,ab.
3	PPH.ti,ab.
4	or/1-3
5	exp ANTIFIBRINOLYTIC AGENTS/
6	(antifibrinoly* or anti-fibrinoly* or antiplasmin? or anti-plasmin? or plasmin inhibitor? or aminocaproic acid or tranexamic acid or vitamin k* or alpha-2-antiplasmin or aminomethylbenzoic acid).mp.
7	APROTININ/
8	aprotinin.mp.
9	or/5-8
10	uterotonic?.mp.
11	exp OXYTOCICS/
12	(oxytocic? or carbetocin or ergometrine or misoprostrol or oxytocin or pitocin or syntometrine).mp.
13	exp PROSTAGLANDINS/
14	(prostaglandin? or carboprost).mp.
15	or/10-14
16	4 and 9
17	4 and 15
18	or/16-17
19	limit 18 to english language
20	LETTER/
21	EDITORIAL/
22	NEWS/
23	exp HISTORICAL ARTICLE/
24	ANECDOTES AS TOPIC/
25	COMMENT/
26	CASE REPORT/
27	(letter or comment*).ti.
28	or/20-27
29	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
30	28 not 29
31	ANIMALS/ not HUMANS/
32	exp ANIMALS, LABORATORY/
33	exp ANIMAL EXPERIMENTATION/
34	exp MODELS, ANIMAL/
35	exp RODENTIA/
36	(rat or rats or mouse or mice).ti.
37	or/30-36
38	19 not 37
39	META-ANALYSIS/
40	META-ANALYSIS AS TOPIC/
41	(meta analy* or metanaly* or metaanaly*).ti,ab.
42	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
43	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
44	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
45	(search* adj4 literature).ab.
46	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
47	cochrane.jw.
48	or/39-47
49	randomized controlled trial.pt.
50	controlled clinical trial.pt.
51	pragmatic clinical trial.pt.
52	randomi#ed.ab.
53	placebo.ab.
54	randomly.ab.
55	CLINICAL TRIALS AS TOPIC/
56	trial.ti.

#	Searches
57	or/49-56
58	38 and 48
59	38 and 57
60	or/58-59
61	limit 50 to yr="2018 -Current"

Database: Embase – OVID interface

Date of last search: 14/06/2022

#	Searches
1	POSTPARTUM HEMORRHAGE/
2	((postpartum or post partum) adj3 h?emorrhag*).ti,ab.
3	PPH.ti,ab.
4	or/1-3
5	exp ANTIFIBRINOLYTIC AGENT/
6	(antifibrinoly* or anti-fibrinoly* or antiplasmin? or anti-plasmin? or plasmin inhibitor? or aminocaproic acid or tranexamic acid or vitamin k* or alpha-2-antiplasmin or aminomethylbenzoic acid).mp.
7	aprotinin.mp.
8	or/5-7
9	exp UTEROTONIC AGENT/
10	uterotonic?.mp.
11	(oxytocic? or carbetocin or ergometrine or misoprostrol or oxytocin or pitocin or syntometrine).mp.
12	exp *PROSTAGLANDIN/
13	(prostaglandin? or carboprost).mp.
14	or/9-13
15	4 and 8
16	4 and 14
17	or/15-16
18	limit 17 to english language
19	letter.pt. or LETTER/
20	note.pt.
21	editorial.pt.
22	CASE REPORT/ or CASE STUDY/
23	(letter or comment*).ti.
24	or/19-23
25	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
26	24 not 25
27	ANIMAL/ not HUMAN/
28	NONHUMAN/
29	exp ANIMAL EXPERIMENT/
30	exp EXPERIMENTAL ANIMAL/
31	ANIMAL MODEL/
32	exp RODENT/
33	(rat or rats or mouse or mice).ti.
34	or/26-33
35	18 not 34
36	SYSTEMATIC REVIEW/
37	META-ANALYSIS/
38	(meta analy* or metanaly* or metaanaly*).ti,ab.
39	((systematic or evidence) adj2 (review* or overview*)),ti,ab.
40	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
41	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
42	(search* adj4 literature).ab.
43	(medline or pubmed or cochrane or embase or psychlit or psychlit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
44	((pool* or combined) adj2 (data or trials or studies or results)).ab.
45	cochrane.jw.
46	or/36-45
47	random*.ti,ab.
48	factorial*.ti,ab.
49	(crossover* or cross over*).ti,ab.
50	((doubl* or singl*) adj blind*).ti,ab.
51	(assign* or allocat* or volunteer* or placebo*).ti,ab.
52	CROSSOVER PROCEDURE/
53	SINGLE BLIND PROCEDURE/
54	RANDOMIZED CONTROLLED TRIAL/
55	DOUBLE BLIND PROCEDURE/
56	or/47-55

#	Searches
57	35 and 46
58	35 and 56
59	or/57-58
60	limit 59 to yr="2018 -Current"

Databases: Cochrane Database of Systematic Reviews; Cochrane Central Register of Controlled Trials – Wiley interface

Date of last search: 14/06/2022

ID	Search
#1	MeSH descriptor: [Postpartum Hemorrhage] this term only
#2	((postpartum or "post partum") near/3 (hemorrhag* or haemorrhag*)):ti,ab
#3	PPH:ti,ab
#4	{or #1-#3}
#5	MeSH descriptor: [Antifibrinolytic Agents] this term only
#6	(antifibrinoly* or "anti-fibrinoly*" or antiplasmin* or "anti-plasmin*" or "plasmin inhibitor*" or "aminocaproic acid" or "tranexamic acid" or "vitamin k*" or "alpha-2-antiplasmin" or "aminomethylbenzoic acid"):ti,ab
#7	MeSH descriptor: [Aprotinin] this term only
#8	aprotinin:ti,ab
#9	{or #5-#8}
#10	uterotonic*:ti,ab
#11	MeSH descriptor: [Oxytocics] this term only
#12	(oxytocic* or carbetocin or ergometrine or misoprostol or oxytocin or pitocin or syntometrine):ti,ab
#13	MeSH descriptor: [Prostaglandins] explode all trees
#14	(prostaglandin* or carboprost):ti,ab
#15	{or #10-#14}
#16	#4 and #9
#17	#4 and #15
#18	#16 or #17 with Cochrane Library publication date Between Jan 2018 and Jun 2022

Database: CINAHL – Ebsco interface

Date of last search: 14/06/2022

#	Query	Limiters/Expanders
S45	S27 AND S44	Limiters - Published Date: 20180101-20220631; English Language Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S44	S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S43	AB (cluster W3 RCT)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S42	MH (crossover design) OR MH (comparative studies)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S41	AB (control W5 group)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S40	PT (randomized controlled trial)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S39	MH (placebos)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S38	MH (sample size) AND AB (assigned OR allocated OR control)	Expanders - Apply equivalent subjects

#	Query	Limiters/Expanders
		Search modes - Boolean/Phrase
S37	TI (trial)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S36	AB (random*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S35	TI (randomised OR randomized)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S34	(MH cluster sample)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S33	(MH pretest-posttest design)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S32	(MH random assignment)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S31	(MH single-blind studies)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S30	(MH double-blind studies)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S29	(MH randomized controlled trials)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S28	(TI (systematic* n3 review*) or (AB (systematic* n3 review*)) or (TI (systematic* n3 bibliographic*)) or (AB (systematic* n3 bibliographic*)) or (TI (systematic* n3 literature)) or (AB (systematic* n3 literature)) or (TI (comprehensive* n3 literature)) or (AB (comprehensive* n3 literature)) or (TI (comprehensive* n3 bibliographic*)) or (AB (comprehensive* n3 bibliographic*)) or (TI (integrative n3 review)) or (AB (integrative n3 review)) or (JN "Cochrane Database of Systematic Reviews") or (TI (information n2 synthesis)) or (TI (data n2 synthesis)) or (AB (information n2 synthesis)) or (AB (data n2 synthesis)) or (TI (data n2 extract*)) or (AB (data n2 extract*)) or (TI (medline or pubmed or psycit or cinahl or (psycinfo not "psycinfo database") or "web of science" or scopus or embase)) or (AB (medline or pubmed or psycit or cinahl or (psycinfo not "psycinfo database") or "web of science" or scopus or embase)) or (MH "Systematic Review") or (MH "Meta Analysis") or (TI (meta-analy* or metaanaly*)) or (AB (meta-analy* or metaanaly*)))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S27	S18 not S26	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S26	S19 OR S22 OR S23 OR S24 OR S25	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S25	TI (rat or rats or mouse or mice)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S24	(MH Rodents+)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S23	(MH Animals, Laboratory)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S22	S20 not S21	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

#	Query	Limiters/Expanders
S21	(MH human)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S20	(MH animals+)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S19	PT anecdote or PT audiovisual or PT bibliography or PT biography or PT book or PT book review or PT brief item or PT cartoon or PT commentary or PT computer program or PT editorial or PT games or PT glossary or PT historical material or PT interview or PT letter or PT listservs or PT masters thesis or PT obituary or PT pamphlet or PT pamphlet chapter or PT pictorial or PT poetry or PT proceedings or PT "questions and answers" or PT response or PT software or PT teaching materials or PT website	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S18	S16 OR S17	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S17	S4 AND S15	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S16	S4 AND S9	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S15	S10 OR S11 OR S12 OR S13 OR S14	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S14	TX (prostaglandin* or carboprost)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S13	(MH "Prostaglandins+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S12	TX (oxytocic* or carbetocin or ergometrine or misoprostol or oxytocin or pitocin or syntometrine)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S11	(MH "Oxytocics+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S10	TX uterotonic*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S9	S5 OR S6 OR S7 OR S8	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S8	TX aprotinin	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S7	(MH "Aprotinin")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S6	TX (antifibrinoly* or "anti-fibrinoly*" or antiplasmin? or "anti-plasmin?" or "plasmin inhibitor?" or "aminocaproic acid" or "tranexamic acid" or "vitamin k*" or "alpha-2-antiplasmin" or "aminomethylbenzoic acid")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S5	(MH "Antifibrinolytic Agents+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S4	S1 OR S2 OR S3	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

#	Query	Limiters/Expanders
S3	TI PPH OR AB PPH	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S2	TI (((postpartum or post partum) N3 h?emorrhag*)) OR AB (((postpartum or post partum) N3 h?emorrhag*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S1	(MH "Postpartum Hemorrhage")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

Database: ClinicalTrials.gov and the WHO International Clinical Trials Registry Platform (ICTRP)

Date of last search: 14/06/2022

List of search terms

Limited to 2018-

Third stage AND labo(u)r AND oxytocin

Third stage AND labo(u)r AND misoprostol

Third stage AND labo(u)r AND carbetocin

Third stage AND labo(u)r AND ergometrine

uterotonic* AND oxytocin

uterotonic* AND misoprostol

uterotonic* AND carbetocin

uterotonic* AND ergometrine

uterotonic* AND labo(u)r

uterotonic* AND h(a)emorrhage

h(a)emorrhage AND postpartum AND ergometrine

h(a)emorrhage AND postpartum AND oxytocin

h(a)emorrhage AND postpartum AND carbetocin

h(a)emorrhage AND postpartum AND misoprostol

Health economics search strategies

Database: Medline – OVID interface

Date of last search: 09/03/2022

#	Searches
1	POSTPARTUM HEMORRHAGE/
2	((postpartum or post partum) adj3 h?emorrhag*).ti,ab.
3	PPH.ti,ab.
4	or/1-3
5	uterotonic?.mp.
6	exp OXYTOCICS/
7	(oxytotic? or carbetocin or ergometrine or ergonovine or methylegonovine or misoprostol or oxytocin or pitocin or syntometrine).mp.
8	exp PROSTAGLANDINS/

#	Searches
9	(prostaglandin? or carboprost or sulprostone).mp.
10	or/5-9
11	4 and 10
12	limit 11 to english language
13	LETTER/
14	EDITORIAL/
15	NEWS/
16	exp HISTORICAL ARTICLE/
17	ANECDOTES AS TOPIC/
18	COMMENT/
19	CASE REPORT/
20	(letter or comment*).ti.
21	or/13-20
22	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
23	21 not 22
24	ANIMALS/ not HUMANS/
25	exp ANIMALS, LABORATORY/
26	exp ANIMAL EXPERIMENTATION/
27	exp MODELS, ANIMAL/
28	exp RODENTIA/
29	(rat or rats or mouse or mice).ti.
30	or/23-29
31	12 not 30
32	ECONOMICS/
33	VALUE OF LIFE/
34	exp "COSTS AND COST ANALYSIS"/
35	exp ECONOMICS, HOSPITAL/
36	exp ECONOMICS, MEDICAL/
37	exp RESOURCE ALLOCATION/
38	ECONOMICS, NURSING/
39	ECONOMICS, PHARMACEUTICAL/
40	exp "FEES AND CHARGES"/
41	exp BUDGETS/
42	budget*.ti,ab.
43	cost*.ti,ab.
44	(economic* or pharmaco?economic*).ti,ab.
45	(price* or pricing*).ti,ab.
46	(financ* or fee or fees or expenditure* or saving*).ti,ab.
47	(value adj2 (money or monetary)).ti,ab.
48	resourc* allocat*.ti,ab.
49	(fund or funds or funding* or funded).ti,ab.
50	(ration or rations or rationing* or rationed).ti,ab.
51	ec.fs.
52	or/32-51
53	31 and 52

Database: Embase – OVID interface

Date of last search: 09/03/2022

#	Searches
1	POSTPARTUM HEMORRHAGE/
2	((postpartum or post partum) adj3 h?emorrhag*).ti,ab.
3	PPH.ti,ab.
4	or/1-3
5	exp UTEROTONIC AGENT/
6	uterotonic?.mp.
7	(oxytocic? or carbetocin or ergometrine or ergonovine or methylergonovine or misoprostrol or oxytocin or pitocin or syntometrine).mp.
8	exp *PROSTAGLANDIN/
9	(prostaglandin? or carboprost or sulprostone).mp.
10	or/5-9
11	4 and 10
12	limit 11 to english language
13	letter.pt. or LETTER/
14	note.pt.
15	editorial.pt.

#	Searches
16	CASE REPORT/ or CASE STUDY/
17	(letter or comment*).ti.
18	or/13-17
19	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
20	18 not 19
21	ANIMAL/ not HUMAN/
22	NONHUMAN/
23	exp ANIMAL EXPERIMENT/
24	exp EXPERIMENTAL ANIMAL/
25	ANIMAL MODEL/
26	exp RODENT/
27	(rat or rats or mouse or mice).ti.
28	or/20-27
29	12 not 28
30	HEALTH ECONOMICS/
31	exp ECONOMIC EVALUATION/
32	exp HEALTH CARE COST/
33	exp FEE/
34	BUDGET/
35	FUNDING/
36	RESOURCE ALLOCATION/
37	budget*.ti,ab.
38	cost*.ti,ab.
39	(economic* or pharmaco?economic*).ti,ab.
40	(price* or pricing*).ti,ab.
41	(financ* or fee or fees or expenditure* or saving*).ti,ab.
42	(value adj2 (money or monetary)).ti,ab.
43	resourc* allocat*.ti,ab.
44	(fund or funds or funding* or funded).ti,ab.
45	(ration or rations or rationing* or rationed).ti,ab.
46	or/30-45
47	29 and 46

Database: Cochrane Central Register of Controlled Trials – Wiley interface

Date of last search: 09/03/2022

#	Searches
#1	MeSH descriptor: [Postpartum Hemorrhage] this term only
#2	((postpartum or "post partum") near/3 (hemorrhag* or haemorrhag*)):ti,ab
#3	PPH:ti,ab
#4	#1 or #2 or #3
#5	uterotonic*.ti,ab
#6	MeSH descriptor: [Oxytocics] explode all trees
#7	(oxytotic* or carbetocin or ergometrine or ergonovine or methylergonovine or misoprostrol or oxytocin or pitocin or syntometrine):ti,ab
#8	MeSH descriptor: [Prostaglandins] explode all trees
#9	(prostaglandin* or carboprost or sulprostone):ti,ab
#10	#5 or #6 or #7 or #8 or #9
#11	#4 and #10
#12	MeSH descriptor: [Economics] this term only
#13	MeSH descriptor: [Value of Life] this term only
#14	MeSH descriptor: [Costs and Cost Analysis] explode all trees
#15	MeSH descriptor: [Economics, Hospital] explode all trees
#16	MeSH descriptor: [Economics, Medical] explode all trees
#17	MeSH descriptor: [Resource Allocation] explode all trees
#18	MeSH descriptor: [Economics, Nursing] this term only
#19	MeSH descriptor: [Economics, Pharmaceutical] this term only
#20	MeSH descriptor: [Fees and Charges] explode all trees
#21	MeSH descriptor: [Budgets] explode all trees
#22	budget*.ti,ab
#23	cost*.ti,ab
#24	(economic* or pharmaco?economic*).ti,ab
#25	(price* or pricing*).ti,ab
#26	(financ* or fee or fees or expenditure* or saving*).ti,ab
#27	(value near/2 (money or monetary)):ti,ab
#28	resourc* allocat*.ti,ab

#	Searches
#29	(fund or funds or funding* or funded):ti,ab
#30	(ration or rations or rationing* or rationed):ti,ab
#31	#12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30
#32	#11 and #31

Database: International Health Technology Assessment

Date of last search: 09/03/2022

#	Searches
	"Postpartum Hemorrhage"[mh]
	OR All: postpartum hemorrhage
	OR All: postpartum haemorrhage
	OR All: post partum hemorrhage
	OR All: post partum haemorrhage