

Table S1 Structured searches in PubMed to identify high-level evidence on early pregnancy loss

Index	Aim	Search string	Hits
1	All studies on removal of RPOC	“Abortion, Spontaneous”[MeSH] OR “Abortion, Incomplete”[MeSH] OR “Abortion, Missed”[MeSH] OR “Abortion, Induced”[MeSH] OR “Abortion, Habitual”[MeSH] OR “Abortion, Septic”[MeSH] OR “Embryo Loss”[MeSH] OR (spontaneous[tiab] AND abortion[tiab]) OR miscarriage[tiab] OR “early miscarriage”[tiab] OR ((early[tiab] OR first-trimester[tiab] OR (first[tiab] AND trimester[tiab])) AND (miscarriage[tiab] OR miscarriages[tiab] OR abortion[tiab] OR aborted[tiab] OR termination[tiab] OR ((embryo[tiab] OR pregnancy[tiab] OR ((retained[tiab] OR remaining[tiab]) AND products[tiab] AND conception[tiab])) AND (loss[tiab] OR losses[tiab] OR removal[tiab] OR remove[tiab] OR remov*[tiab] OR termination[tiab])))	103,588
2	All studies on vacuum aspiration	((Vacuum[tiab] OR suction[tiab] OR uterine[tiab]) AND (aspiration[tiab] OR aspirator[tiab] OR aspirators[tiab] OR curettage[tiab] OR curetage[tiab] OR curretage[tiab] OR currettage[tiab] OR evacuation[tiab])) OR MVA[tiab] OR “Vacuum Curettage”[MeSH] OR MUA[tiab] OR EVA[tiab]	20,611
3	Entry date (22-year search window)	2000:2022/07/01[edat]	20,907,596
4	Publication date (22-year search window)	2000:2022/07/01[dp]	20,820,114
5	All publications in English, French, German, Italian or Spanish language	English[la] OR German[la] OR French[la] OR Italian[la] OR Spanish[la]	31,900,048
6	Invalid publication types	“Comment”[ptyp] OR “Editorial”[ptyp] OR “Letter”[ptyp] OR “Retracted Publication”[ptyp] OR “Duplicate Publication”[ptyp] OR “Case Reports”[ptyp] OR “Congress”[ptyp] OR “Lecture”[ptyp] OR “Review”[ptyp]	7,067,905
7	Non-clinical data	“ex vivo”[tw] “ex-vivo”[tw] OR cadaver[tw] OR cadaveric[tw] OR “deceased donor”[tw]	163,103
8	Veterinary loss of pregnancy	“Abortion, Veterinary”[MeSH]	6,539
9	Animal studies	See section 6 Appendix – Search strings for animal studies	7,603,699
10	All exclusions	#6 OR #7 OR #8 OR #9	13,678,802
11	All studies on vacuum aspiration for removal of RPOC	#1 AND #2	2,620
12	All studies on vacuum aspiration for removal of RPOC in English, French, German, Italian or Spanish since 2000	#11 AND #3 AND #4 AND #5	1,278
13	All studies on vacuum aspiration for removal of RPOC in English, French, German or Italian since 2000 minus exclusions	#12 NOT #10	892