

Supplementary appendix

Database	Strategy search	Field search	Filters	Studies n
PubMed	<p>(((((patient*[Title/Abstract] AND ("cervical cancer*[Title/Abstract] OR "cervix cancer*[Title/Abstract] OR "uterine cervical neoplasm*[Title/Abstract] OR "uterine cervical cancer"[Title/Abstract] OR "cervix neoplasm*[Title/Abstract] OR "early-stage cervical cancer"[Title/Abstract] OR "early cervical cancer") AND Title/Abstract)) AND ("neoadjuvant chemotherapy"[Title/Abstract] OR "neo-adjuvant chemotherapy"[Title/Abstract] OR "neoadjuvant therapy"[Title/Abstract] OR "preoperative chemotherapy"[Title/Abstract] OR "conservative surgery"[Title/Abstract] OR "fertility-sparing surgery"[Title/Abstract] OR surgery[Title/Abstract] OR trachelectom*[Title/Abstract] OR "radical trachelectomy"[Title/Abstract] OR "abdominal trachelectomy"[Title/Abstract] OR "abdominal radical trachelectomy"[Title/Abstract])) OR ("laparoscopic trachelectomy"[Title/Abstract] OR "laparoscopic radical trachelectomy"[Title/Abstract] OR "robotic trachelectomy"[Title/Abstract] OR "robotic radical trachelectomy"[Title/Abstract] OR "vaginal trachelectomy"[Title/Abstract] OR "vaginal radical trachelectomy"[Title/Abstract] OR conization*[Title/Abstract] OR "cone resection*[Title/Abstract])) AND ("fertility preservation*" OR "fertility-preserving" OR fertility OR fecundity OR fertilization OR pregnanc* OR "pregnancy attempted" OR recurrence* OR neoplasm* OR "neoplasm recurrence*" OR death OR survival) AND ((Case Reports[ptyp] OR Observational Study[ptyp] OR Randomized Controlled Trial[ptyp]) AND ("1985/01/01"[PDat] : "2020/12/26"[PDat]) AND English[lang])</p>	Title/Abstract And All Fields	Article types Publication dates Languages	545
Embase	<p>((patient*:ab,ti AND ('cervical cancer*':ab,ti OR 'cervix cancer*':ab,ti OR 'uterine cervical neoplasm*':ab,ti OR 'uterine cervical cancer':ab,ti OR 'cervix neoplasm*':ab,ti OR 'early-stage cervical cancer':ab,ti OR 'early cervical cancer':ab,ti) AND ('neoadjuvant chemotherapy':ab,ti OR 'neo-adjuvant chemotherapy':ab,ti OR 'neoadjuvant therapy':ab,ti OR 'preoperative chemotherapy':ab,ti OR 'conservative surgery':ab,ti OR 'fertility-sparing surgery':ab,ti OR surgery:ab,ti OR trachelectom*':ab,ti OR 'radical trachelectomy':ab,ti OR 'abdominal trachelectomy':ab,ti OR 'abdominal radical trachelectomy':ab,ti OR 'laparoscopic trachelectomy':ab,ti OR 'laparoscopic radical trachelectomy':ab,ti OR 'robotic trachelectomy':ab,ti OR 'robotic radical trachelectomy':ab,ti OR 'vaginal trachelectomy':ab,ti OR 'vaginal radical trachelectomy':ab,ti OR conization*':ab,ti OR 'cone resection*':ab,ti) AND ('fertility preservation*': OR 'fertility-preserving' OR fertility OR fecundity OR fertilization OR pregnanc* OR 'pregnancy attempted' OR recurrence* OR neoplasm* OR 'neoplasm recurrence*': OR death OR survival) AND [1-1-1985]/sd NOT [1-4-2020]/sd AND [1985-2020]/py) AND ('case report'/de OR 'observational study'/de OR 'randomized controlled trial'/de OR 'retrospective study'/de) AND 'article'/it AND [english]/lim</p>	Title/Abstract And All Fields	Study types Publication types Publication years Languages	919

Database	Strategy search	Field search	Filters	Studies n
Scopus	(TITLE (patient* AND ("cervical cancer*" OR "cervix cancer*" OR "uterine cervical neoplasm*" OR "uterine cervical cancer" OR "cervix neoplasm*" OR "early-stage cervical cancer" OR "early cervical cancer")) AND TITLE-ABS-KEY ("neoadjuvant chemotherapy" OR "neo-adjuvant chemotherapy" OR "neoadjuvant therapy" OR "preoperative chemotherapy" OR "conservative surgery" OR "fertility-sparing surgery" OR surgery OR trachelectom*) OR TITLE-ABS-KEY ("radical trachelectomy" OR "abdominal trachelectomy" OR "abdominal radical trachelectomy" OR "laparoscopic trachelectomy")) OR TITLE-ABS-KEY ("laparoscopic radical trachelectomy" OR "robotic trachelectomy" OR "robotic radical trachelectomy" OR "vaginal trachelectomy" OR "vaginal radical trachelectomy" OR conization* OR "cone resection*") AND TITLE-ABS-KEY ("fertility preservation*" OR "fertility-preserving" OR fertility OR fecundity OR fertilization OR pregnanc* OR "pregnancy attempted" OR recurrence* OR neoplasm* OR "neoplasm recurrence*" OR death OR survival)) AND PUBYEAR > 1984 AND PUBYEAR < 2021 AND (LIMIT-TO (DOCTYPE , "ar")) AND (LIMIT-TO (LANGUAGE , "English"))	Article title, Abstract, Keywords	Date range publication Document type Publication stage (final) Language	631
Ovid	<p>1 (((patient* and ("cervical cancer*" or "cervix cancer*" or "uterine cervical neoplasm*" or "uterine cervical cancer" or "cervix neoplasm*" or "early-stage cervical cancer" or "early cervical cancer") and ("neoadjuvant chemotherapy" or "neo-adjuvant chemotherapy" or "neoadjuvant therapy" or "preoperative chemotherapy" or "conservative surgery" or "fertility-sparing surgery" or surgery or trachelectom* or "radical trachelectomy" or "abdominal trachelectomy" or "abdominal radical trachelectomy")) or ("laparoscopic trachelectomy" or "laparoscopic radical trachelectomy" or "robotic trachelectomy" or "robotic radical trachelectomy" or "vaginal trachelectomy" or "vaginal radical trachelectomy" or conization* or "cone resection*")) and ("fertility preservation*" or "fertility-preserving" or fertility or fecundity or fertilization or pregnanc* or "pregnancy attempted" or recurrence* or neoplasm* or "neoplasm recurrence*" or death or survival)).ab.</p> <p>2 limit 1 to yr="1985 - 2020" [Limit not valid in DARE; records were retained]</p> <p>3 limit 2 to english language [Limit not valid in Books@Ovid,Journals@Ovid,Your Journals@Ovid,ACP Journal Club,CDSR,CCA,CLCMR,DARE; records were retained]</p> <p>4 limit 3 to (case report or randomized controlled trial) [Limit not valid in Books@Ovid,Journals@Ovid,Your Journals@Ovid,ACP Journal Club,CDSR,CCA,CLCMR,DARE,CLHTA,CLEED,Global Health,Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher; records were retained]</p> <p>5 remove duplicates from 4</p>	Abstract	Publication years Language Publication types Remove duplicates	1236

Table S1. Characterization of the strategy search