

SUPPLEMENTAL DIGITAL CONTENT
APPENDIX 1. LITERATURE SEARCH STRATEGY
CLINICAL CONSENSUS NUMBER 5

Management of Endometrial Intraepithelial Neoplasia/Atypical Endometrial Hyperplasia

Database: Ovid MEDLINE(R) <1946 to September Week 5 2021> (searched October 13, 2021)

- All searches were limited to human and English.
- Initial searches were conducted in October of 2021 and were limited to 2000-present.
- A bridge search was conducted in May of 2023, limited to 2000-present.

Line	Search	Results
1	endometrial hyperplasia/	3619
2	endometrium/ or endometrial neoplasms/ or uterine diseases/ or (endometri\$ or uterus or uterine).ti.	133593
3	hyperplasia/ or precancerous conditions/ or hyperplas\$.ti.	75982
4	2 and 3	3443
5	(endometri\$ adj3 (hyperplas\$ or neoplas\$ or thicken\$ or precancer\$ or pre-cancer\$)).ti.	1770
6	(endometrial intraepithelial neoplas\$ or endometrial hyperplas\$).ti,ab.	3116
7	1 or 4 or 5 or 6	6783
8	limit 7 to (english language and humans)	4552
9	limit 8 to yr="2000 -Current"	2713
10	(concurrent\$ or simultaneous or occult).ti. or ((concurrent\$ or simultaneous or occult) adj2 (cancer or carcinoma or malignan\$)).ti,ab. or ((risk or inciden\$) adj2 (cancer or carcinoma or malignan\$)).ti.	112855
11	"Dilatation and Curettage"/ or "Diagnostic Techniques, Obstetrical and Gynecological"/	2809
12	(sampl\$ or "dilation and curettage" or "dilatation and curettage" or "d and c" or curette or pipelle or biops* or rule out).ti,ab.	2134175
13	11 or 12	2136005
14	(concurrent\$ or simultaneous or occult).ti,ab.	373897
15	13 and 14	61988
16	10 or 15	158489
17	9 and 16	112
18	*Gynecologic Surgical Procedures/ or *Minimally Invasive Surgical Procedures/ or exp *"Dilatation and Curettage"/ or *Hysteroscopy/ or exp *hysterectomy/ or *Laparoscopy/ or *Sentinel Lymph Node/ or *morcellation/ or *Ablation Techniques/ or *Endometrial Ablation Techniques/ or *Salpingo-oophorectomy/	106142
19	("dilation and curettage" or "dilatation and curettage" or "d and c" or hysteroscop* or hysterectom\$ or surg\$ or laparoscop\$ or morcellat\$ or endometrial ablat\$ or sentinel lymph node\$ or salpingo-oophorectom\$ or perioperat\$ or peri-operat\$ or operative).ti.	739170
20	18 or 19	765437
21	9 and 20	358
22	exp treatment outcome/ or (th or rt or su).fs. or (treat\$ or therap\$ or manage\$).ti,ab.	9085899
23	21 and 22	258
24	*Levonorgestrel/ or *Intrauterine Devices, Medicated/ or *Progestins/ or *Hormone Replacement Therapy/ or *Estrogen Replacement Therapy/ or *Medroxyprogesterone Acetate/ or *Progesterone/ad, tu, th or *Progestins/ad, tu, th or *Megestrol Acetate/ or *metformin/ or *Intrauterine Devices, Medicated/ or *fertility preservation/	49360
25	(nonsurg\$ or non-surg\$ or future fertil\$ or fertility sparing or hormone therap\$ or Medroxyprogesterone or depo-provera or depoprovera or vaginal progesterone or	31299

	Megestrol or metformin or Levonorgestrel or intrauterine system\$ or intrauterine device\$ or intra-uterine system\$ or intra-uterine device\$ or iud or iuds or mirena or skyla or liletta or kyleena).ti.	
26	*endometrial hyperplasia/dt	257
27	24 or 25 or 26	62289
28	9 and 27	442
29	(th or dt or de).fs. or (treat\$ or therap\$ or manage\$).ti. or exp treatment outcome/ or combined modality therapy/ or exp drug therapy/	8308371
30	28 and 29	428
31	9 and 25	208
32	30 not 31	229
33	32 and (treat\$ or therap\$ or manage\$).ti.	152
34	31 or 33	360
35	treatment outcome/ or treatment failure/ or disease-free survival/ or progression-free survival/ or (treat\$ or therap\$ or manage\$).ti.	3159540
36	9 and 35	610
37	21 or 28 or 36	1005
38	((treatment\$ or therap\$ or posthormon\$ or post-hormon\$ or systemic) adj3 (surveill\$ or prevent\$ or followup or follow-up)).ti,ab.	180774
39	(followup or follow-up or long term or surveill\$ or after or recur\$).ti.	1118041
40	neoplasm recurrence, local/ or recurrence/ or follow-up studies/ or secondary care/ or retreatment/	940252
41	38 or 39 or 40	1939861
42	37 and 41	215
43	9 and (followup or follow-up).ti.	25
44	42 or 43	225
45	(equit\$ or inequit\$ or inequalit\$ or disparit\$ or equality).ti,ab.	118543
46	(ethnic\$ or race or racial\$ or identit\$).ti. or (racis\$ or prejudic\$ or race-relat\$).ti,ab.	70782
47	(implicit adj3 bias).ti,ab.	727
48	((bias or prejudic\$ or racis\$) and (unconscious\$ or implicit\$ or institutional\$ or structural\$ or dismantl\$)).ti,ab.	6944
49	((social\$ or socio-economic or socioeconomic or economic\$ or structural or material) adj3 (advantage\$ or disadvantage\$ or exclude\$ or exclusion or include\$ or inclusion or status or position or gradient\$ or hierarch\$ or class\$ or determinant\$)).ti,ab.	116667
50	(disproportionate risk\$ or systemic barrier\$).ti,ab.	601
51	((health adj3 (gap\$ or gradient\$ or hierarch\$)) or health services).ti,ab.	70047
52	(SES or SEP or sociodemographic\$ or socio-demographic\$ or income or wealth\$ or poverty or educational level or (level adj education\$) or educational attainment or well educated or better educated or unemploy\$ or home owner\$ or tenure or affluen\$ or well off or better off or worse off).ti,ab.	271700
53	(socio-economic or socioeconomic).ti.	19730
54	mistrust.ti,ab.	2188
55	bias.ti.	17197
56	((African or Black) adj3 American\$).ti.	17153
57	(Hispanic\$ or Latino\$ or Latina\$ or Latinx or Asian American\$ or American Indian or Indigenous American).ti.	16995
58	Vulnerable populations/ or medically underserved area/ or Socioeconomic factors/ or Social segregation/ or Race factors/ or Race relations/ or Racism/ or Prejudice/ or Poverty/ or Social class/ or Healthcare disparities/ or Health status disparities/ or Poverty areas/ or Urban population/ or Rural Population/ or Ethnic groups/ or *African Americans/ or *Hispanic Americans/ or *Asian Americans/ or *Native Americans/ or *Pacific Islanders/ or Social Determinants of Health/ or Social Marginalization/ or *Health services accessibility/ or Resource Allocation/	502039

59	(marginalized adj3 identit\$).mp.	72
60	(resource\$ adj3 (stratif\$ or allocat\$)).ti,ab.	16734
61	*insurance, health/ or medically uninsured/	28826
62	exp medicare/ or medicaid/ or medical assistance/	70144
63	national health insurance, united states/ or "patient protection and affordable care act"/ or health insurance exchanges/	10262
64	(uninsured or underinsured or under-insured or affordable care act).ti,ab.	12108
65	(insured or insurance).ti.	24043
66	environment/ or environmental health/ or *social environment/ or environment\$.ti,ab.	947131
67	"Transients and Migrants"/ or "Emigrants and Immigrants"/ or "Emigration and Immigration"/ or "Undocumented Immigrants"/ or Refugees/	56113
68	(alien\$ or emigrant\$ or foreigner\$ or Immigrant\$ or migran\$ or refugee\$ or border crossing or chain migration or emigration or in-migration or international migration).ti,ab.	65972
69	(veteran\$ or military).ti,ab.	73469
70	exp Homeless Persons/ or Public Housing/	10974
71	(homeless\$ or public housing).ti. or unhoused.mp.	6306
72	(incarcerat\$ or prison\$).ti,ab.	23615
73	substance related disorders/ or substance abuse, intravenous/ or substance withdrawal syndrome/ or (substance abus\$ or substance misus\$ or substance use\$).ti.	134587
74	"substance use disorder".mp.	5681
75	Gender Identity/ or transgender person/ or Health Services for Transgender Persons/ or transsexualism/ or exp sex reassignment procedures/ or "Sexual and Gender Minorities"/	30844
76	(lesbian\$ or gay\$ or homosexual\$ or bisexual\$ or lgbt\$ or sexual orientation or gender divers\$).ti,ab.	29033
77	(sex reassign\$ or gender confirm\$ or gender affirm\$ or gender change or gender reassign\$ or sex change or gender identity disorder\$).ti,ab.	2532
78	(transgender\$ or transsexual\$ or gender identity or gender fluid\$ or nonbinary or non-binary or gender nonconform\$ or gender non-conform\$).ti,ab.	9941
79	(transgender\$ adj3 health\$).ti,ab.	736
80	Gender Dysphoria/ or (gender adj3 dysphor\$).ti,ab.	1195
81	Homophobia/ or homophob\$.ti,ab. or transphob\$.mp. or queer\$.ti,ab. or genderqueer.ti,ab. or agender.ti,ab.	2894
82	45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81	1443959
83	9 and 82	37
84	directive counseling/ or motivational interviewing/ or choice behavior/ or decision making/ or health promotion/ or health education/ or counsel\$.ti.	282295
85	weight loss/ or bariatric surgery/ or gastric bypass/ or gastroplasty/ or gastrectomy/ or jejunoileal bypass/ or exp obesity/su or anastomosis, roux-en-y/ or gastric balloon/ or bariatric.ti. or (weight adj2 loss).ti,ab. or (stomach stapl\$ or gastric stapl\$ or gastric bypass or gastrojejunostomy or gastroplasty or gastrogastrostomy or gastrostomy or laparoscopic adjustable band\$ or biliopancreatic diversion or duodenal switch or gastric band\$ or roux-en-y).mp.	161312
88	9 and 84 and 85	0
89	9 and 85	26
90	9 and 84	3
91	89 or 90	29

Database: PubMed (searched October 13, 2021)

Line	Search	Results
1	(endometrium[ti] OR endometrial neoplasms[ti] OR uterine diseases[ti] OR endometri*[ti] OR uterus[tiab] OR uterine[tiab]) AND (hyperplasia[tiab] OR precancerous conditions[tiab] OR precancer*[tiab] OR pre-cancer*[tiab] OR hyperplas*[tiab])	7131
2	endometrial intraepithelial neoplas*[tiab] OR endometrial hyperplas*[tiab] OR endometri* thicken*[tiab]	4271
3	(English[la] AND (inprocess[sb] OR publisher[sb]) NOT (disab* [tiab] OR special need* [tiab])) AND ((publisher[sb] NOT pubstatusnihms NOT pubstatuspmcsd NOT pmcbook) OR in process[sb] OR pubmednotmedline[sb] OR oldmedline[sb] OR ((pubstatusnihms OR pubstatuspmcsd)))	688181
4	(((endometrium[ti] OR endometrial neoplasms[ti] OR uterine diseases[ti] OR endometri*[ti] OR uterus[tiab] OR uterine[tiab]) AND (hyperplasia[tiab] OR precancerous conditions[tiab] OR precancer*[tiab] OR pre-cancer*[tiab] OR hyperplas*[tiab])) OR (endometrial intraepithelial neoplas*[tiab] OR endometrial hyperplas*[tiab] OR endometri* thicken*[tiab])) AND ((English[la] AND (inprocess[sb] OR publisher[sb]) NOT (disab* [tiab] OR special need* [tiab])) AND ((publisher[sb] NOT pubstatusnihms NOT pubstatuspmcsd NOT pmcbook) OR in process[sb] OR pubmednotmedline[sb] OR oldmedline[sb] OR ((pubstatusnihms OR pubstatuspmcsd)))) from 2000 – 2021	147
5	((meta analysis[tiab] OR meta-analysis[tiab] OR systematic review[tiab] OR quantitative review[tiab] OR quantitative overview[tiab] OR randomized controlled[tiab] OR randomized control[tiab] OR randomised controlled[tiab] OR randomised control[tiab] OR clinical trial[tiab] OR cohort[tiab] OR case control[tiab] OR case-control[tiab] OR cross sectional[tiab] OR cross-sectional[tiab] OR prospective study[tiab] OR prospective studies[tiab] OR non randomised[tiab] OR non-randomised[tiab] OR non randomized[tiab] OR non-randomized[tiab] OR guideline[tiab] OR guidelines[tiab] OR review[tiab] OR standard[tiab] OR standards[tiab] OR consensus[tiab] OR recommendation statement*[tiab] OR committee opinion*[tiab] OR observational stud*[tiab] OR observational trial*[tiab] OR observation stud*[tiab] OR observation trial*[tiab])	4696465
6	(((endometrium[ti] OR endometrial neoplasms[ti] OR uterine diseases[ti] OR endometri*[ti] OR uterus[tiab] OR uterine[tiab]) AND (hyperplasia[tiab] OR precancerous conditions[tiab] OR precancer*[tiab] OR pre-cancer*[tiab] OR hyperplas*[tiab])) OR (endometrial intraepithelial neoplas*[tiab] OR endometrial hyperplas*[tiab] OR endometri* thicken*[tiab])) AND ((English[la] AND (inprocess[sb] OR publisher[sb]) NOT (disab* [tiab] OR special need* [tiab])) AND ((publisher[sb] NOT pubstatusnihms NOT pubstatuspmcsd NOT pmcbook) OR in process[sb] OR pubmednotmedline[sb] OR oldmedline[sb] OR ((pubstatusnihms OR pubstatuspmcsd)))) AND (2000:2021[pdat])) AND (((meta analysis[tiab] OR meta-analysis[tiab] OR systematic review[tiab] OR quantitative review[tiab] OR quantitative overview[tiab] OR randomized controlled[tiab] OR randomized control[tiab] OR randomised controlled[tiab] OR randomised control[tiab] OR clinical trial[tiab] OR cohort[tiab] OR case control[tiab] OR case-control[tiab] OR cross sectional[tiab] OR cross-sectional[tiab] OR prospective study[tiab] OR prospective studies[tiab] OR non randomised[tiab] OR non-randomised[tiab] OR non randomized[tiab] OR non-randomized[tiab] OR guideline[tiab] OR guidelines[tiab] OR review[tiab] OR standard[tiab] OR standards[tiab] OR consensus[tiab] OR recommendation statement*[tiab] OR committee opinion*[tiab] OR observational stud*[tiab] OR observational trial*[tiab] OR observation stud*[tiab] OR observation trial*[tiab]))	61

7	(((((endometrium[ti] OR endometrial neoplasms[ti] OR uterine diseases[ti] OR endometri* [ti] OR uterus[tiab] OR uterine[tiab]) AND (hyperplasia[tiab] OR precancerous conditions[tiab] OR precancer* [tiab] OR pre-cancer* [tiab] OR hyperplas* [tiab])) OR (endometrial intraepithelial neoplas* [tiab] OR endometrial hyperplas* [tiab] OR endometri* thicken* [tiab])) AND ((English[la] AND (inprocess[sb] OR publisher[sb]) NOT (disab* [tiab] OR special need* [tiab])) AND ((publisher[sb] NOT pubstatusnihms NOT pubstatuspmcsd NOT pmcbook) OR in process[sb] OR pubmednotmedline[sb] OR oldmedline[sb] OR ((pubstatusnihms OR pubstatuspmcsd)))) AND (2000:2021[pdat])) NOT (((meta analysis[tiab] OR meta-analysis[tiab] OR systematic review[tiab] OR quantitative review[tiab] OR quantitative overview[tiab] OR randomized controlled[tiab] OR randomized control[tiab] OR randomised controlled[tiab] OR randomised control[tiab] OR clinical trial[tiab] OR cohort[tiab] OR case control[tiab] OR case-control[tiab] OR cross sectional[tiab] OR cross-sectional[tiab] OR prospective study[tiab] OR prospective studies[tiab] OR non randomised[tiab] OR non-randomised[tiab] OR non randomized[tiab] OR non-randomized[tiab] OR guideline[tiab] OR guidelines[tiab] OR review[tiab] OR standard[tiab] OR standards[tiab] OR consensus[tiab] OR recommendation statement* [tiab] OR committee opinion* [tiab] OR observational stud* [tiab] OR observational trial* [tiab] OR observation stud* [tiab] OR observation trial* [tiab]))))	86
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Database: Cochrane (searched October 13, 2021)

General/reviews:

Line	Search	Results
#1	[mh "endometrial hyperplasia"]	161
#2	("endometrial intraepithelial neoplasia" OR "endometrial intraepithelial neoplasms" OR "endometrial intraepithelial neoplasm" OR "endometrial hyperplasia"):ti,ab,kw	475
#3	[mh endometrium] OR [mh "endometrial neoplasms"] OR [mh "uterine diseases"] OR endometri*:ti OR uterus:ti OR uterine:ti	13415
#4	[mh hyperplasia] OR [mh "precancerous conditions"] OR hyperplas*:ti	4415
#5	#3 AND #4	441
#6	endometri*:ti near/3 (hyperplas*:ti OR neoplas*:ti OR thicken*:ti or precancer*:ti OR pre-cancer*:ti)	148
#7	#1 OR #2 OR #5 OR #6	777

Trials:

#8	concurrent*:ti OR manage*:ti OR therap*:ti OR treat*:ti OR "dilation and curettage":ti OR "dilatation and curettage":ti OR hysteroscop*:ti OR hysterectom*:ti OR laparoscop*:ti OR "sentinel lymph node":ti OR "sentinel lymph nodes":ti OR "frozen section":ti OR morcellat*:ti OR ablat*:ti OR salpingo*:ti OR "hormone therapy":ti OR Medroxyprogesterone:ti OR progesterone:ti OR progestogen* OR Megestrol:ti OR Levonorgestrel:ti OR "intrauterine system":ti OR "intrauterine systems":ti OR "intrauterine device":ti OR "intrauterine devices":ti OR metformin:ti OR "follow up":ti OR followup:ti OR "treatment surveillance":ti OR "preventive treatment":ti,ab,kw OR "systemic treatment":ti,ab,kw OR counsel*:ti OR "risk factor":ti OR "risk factors":ti OR "weight loss":ti OR bariatric:ti or surgical*:ti OR nonsurgical*:ti OR non-surgical*:ti	504384
#9	#7 AND #8 (with Publication Year from 2016 to 2021, in Trials)	136

Endometrial Hyperplasia Lesions – Risk Factors

Database: Ovid MEDLINE(R) <1946 to May Week 2 2022> (searched May 24, 2022)

Line	Search	Results
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1	endometrial hyperplasia/	3707
2	endometrium/ or endometrial neoplasms/ or uterine diseases/ or (endometri\$ or uterus or uterine).ti.	137778
3	hyperplasia/ or precancerous conditions/ or hyperplas\$.ti.	77412
4	2 and 3	3520
5	(endometri\$ adj3 (hyperplas\$ or neoplas\$ or thicken\$ or precancer\$ or pre-cancer\$)).ti.	1825
6	(endometrial intraepithelial neoplas\$ or endometrial hyperplas\$).ti,ab.	3222
7	1 or 4 or 5 or 6	6942
8	limit 7 to (english language and humans)	4692
9	limit 8 to yr="2000 -Current"	2853
10	risk factors/ or (odds ratio\$ or cross-product ratio\$ or relative odds or risk ratio\$ or risk factor\$).ti.	935519
11	9 and 10	236
12	risk factors/ or risk/ or risk reduction behavior/ or risk adjustment/ or risk assessment/ or odds ratio/ or incidence/ or prevalence/ or risk\$.ti. or (high risk or risk factor\$).ti,ab.	2152530
13	Disease Progression/ or Recurrence/ or Neoplasm Recurrence, Local/ or (recur\$ or progress\$).ti,ab.	1826760
13	Health Risk Behaviors/ or life style/ or exp Genetic Predisposition to Disease/ or Medical History Taking/ or Reproductive History/	236287
15	(life style\$ or lifestyle\$ or hormonal or family health or personal health or health histor\$ or personal health\$ or prior health\$ or genetic\$).ti,ab.	1192806
16	Lynch Syndrome II/ or Colorectal Neoplasms, Hereditary Nonpolyposis/ or Hamartoma Syndrome, Multiple/	6091
17	(Lynch cancer family syndrome or Hereditary Nonpolyposis Colorectal Neoplasm\$ or Familial Nonpolyposis Colon Cancer or Hereditary Nonpolyposis Colorectal Cancer or Colorectal Cancer Hereditary Nonpolyposis or Lynch Syndrome or Hereditary Nonpolyposis Colon Cancer).ti,ab.	4469
18	(Cowden\$ adj3 (Disease\$ or Syndrome\$)).ti,ab.	1048
19	((Multiple Hamartoma\$ or PTEN Hamartoma\$ or Dysplastic) adj3 Gangliocytoma) or Lhermitte-Duclos or Bannayan-Riley-Ruvalcaba or Ruvalcaba-Myhre or Myhre-Riley-Smith or Riley-Smith Syndrome or Ruvalcaba-Myhre-Smith or Bannayan-Ruvalcaba-Riley).ti,ab.	462
20	(Family adj3 histor\$).ti.	5663
21	13 or 14 or 15 or 16 or 17 or 18 or 19 or 20	3007360
22	12 and 21	423369
23	9 and 22	194
24	11 or 23	350

Database: PubMed (searched May 24, 2022)

Line	Search	Results
1	(endometrium[ti] OR endometrial neoplas*[ti] OR uterine disease*[ti] OR endometri*[ti] OR uterus[tiab] OR uterine[tiab]) AND (hyperplas*[tiab] OR precancer*[tiab] OR pre-cancer*[tiab])	7288
2	endometrial intraepithelial neoplas*[tiab] OR endometrial hyperplas*[tiab] OR (endometri*[tiab] AND thicken*[tiab])	4383
3	#1 OR #2	8420
4	risk factor*[ti] OR odds ratio*[ti] OR cross-product ratio*[ti] OR relative odds[ti] OR risk ratio*[ti]	137851
5	#3 AND #4	70

6	risk*[ti] OR high risk[tiab] OR risk factor*[tiab] OR incidence[tiab] OR prevalence[tiab] OR risk reduc*[tiab] OR reduce risk*[tiab] OR risk assess*[tiab] OR odds ratio[tiab]	2688472
7	recur*[tiab] OR progress*[tiab] OR life style*[tiab] OR lifestyle*[tiab] OR hormonal[tiab] OR family health[tiab] OR personal health[tiab] OR health histor*[tiab] OR personal health*[tiab] OR prior health*[tiab] OR medical histor*[tiab] OR family history[tiab] OR reproductive histor*[tiab] OR genetic*[tiab] OR Lynch Syndrom*[tiab] OR Lynch cancer*[tiab] OR Hereditary Nonpolyposis Colorectal Neoplas*[tiab] OR Familial Nonpolyposis Colon Cancer*[tiab] OR Hereditary Nonpolyposis Colorectal Cancer*[tiab] OR Colorectal Cancer Hereditary Nonpolyposis[tiab] OR Hereditary Nonpolyposis Colon Cancer*[tiab] OR Cowden Disease*[tiab] OR Cowden Syndrome*[tiab] OR hereditary cancer*[tiab] OR cancer syndrome*[tiab] OR Multiple Hamartoma*[tiab] OR PTEN Hamartoma*[tiab]	3255327
8	#3 AND #6 AND #7	544
9	#5 OR #8	586
10	english[la] AND (publisher[sb] OR inprocess[sb] OR pubmednotmedline[sb] OR (pubstatusnihms AND publisher[sb]) OR (pubstatuspmcsd AND publisher[sb]))	4626402
11	#9 AND #10	87
12	#9 AND #10 from 2000 – 2022	63

Repeat Endometrial Sampling

Database: Ovid MEDLINE(R) <1946 to December Week 2 2022> (searched December 19, 2022)

Line	Search	Results
1	((endometrium or endometrial) adj3 (sampl\$ or biops\$)).ti.	915
2	endometrium/ or exp endometrial neoplasms/ or Endometrial Hyperplasia/ or (endometrium or endometrial).ti.	57444
3	biopsy/ or (biops\$ or sampl\$ or pipelle).ti.	336368
4	2 and 3	3449
5	1 or 4	3449
6	(repeat\$ adj2 (biops\$ or sampl\$)).ti,ab.	8365
7	(adequate or adequacy or sufficient or insufficient or scant or single pass\$).ti,ab.	679549
8	(single or repeat\$ or method\$).ti.	731337
9	6 or 7 or 8	1395599
10	5 and 9	406
11	limit 107 to (english language and humans)	344
12	limit 108 to yr="2000 -Current"	205
13	exp endometrial neoplasms/ or Endometrial Hyperplasia/ or (hyperplas\$ or cancer\$ or carcinoma\$ or sarcoma\$ or adenocarcinoma\$ or carcinosarcoma\$ or malignan\$).mp.	2858589
14	12 and 13	127
15	14 not sentinel node biops\$.ti.	121

Database: PubMed (searched December 19, 2022)

Line	Search	Results
1	(endometrial[ti] OR endometrium[ti]) AND (sampl*[ti] OR biops*[ti] or pipelle*[ti])	1285
2	"endometrium"[Mesh] OR "endometrial neoplasms"[Mesh] OR "Endometrial Hyperplasia"[Mesh] OR endometrium[ti] OR endometrial[ti]	66948

3	"biopsy"[Mesh] OR biops*[ti] OR sampl*[ti] OR pipelle*[ti]	459191
4	#2 AND #3	5005
5	#1 OR #4	5005
6	repeat* biops*[tiab] OR repeat* sampl*[tiab]	2540
7	adequate[tiab] OR adequacy[tiab] OR sufficient[tiab] OR insufficient[tiab] OR scant[tiab] OR single pass[tiab]	790336
8	single[ti] OR repeat*[ti] OR method*[ti]	887101
9	#6 OR #7 OR #8	1653013
10	#5 AND #9	524
11	english[la] AND (publisher[sb] OR inprocess[sb] OR pubmednotmedline[sb] OR (pubstatusnihms AND publisher[sb]) OR (pubstatuspmcsd AND publisher[sb]))	4929344
12	#10 AND #11	22
13	#10 AND #11 from 2000 – 2022	20

Management of Endometrial Hyperplasia Lesions – Bridge Search

Includes original search update, risk factors, and repeat endometrial sampling

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions <1946 to March 01, 2023> (searched March 2, 2023)

Line	Search	Results
1	endometrial hyperplasia/	3800
2	endometrium/ or endometrial neoplasms/ or uterine diseases/ or (endometri\$ or uterus or uterine).ti.	155398
3	hyperplasia/ or precancerous conditions/ or hyperplas\$.ti.	81850
4	2 and 3	3760
5	(endometri\$ adj3 (hyperplas\$ or neoplas\$ or thicken\$ or precancer\$ or pre-cancer\$)).ti.	2071
6	(endometrial intraepithelial neoplas\$ or endometrial hyperplas\$).ti,ab.	3726
7	1 or 4 or 5 or 6	7538
8	limit 7 to (english language and humans)	4826
9	limit 8 to yr="2021 -Current"	308
10	(concurrent\$ or simultaneous or occult).ti. or ((concurrent\$ or simultaneous or occult) adj2 (cancer or carcinoma or malignan\$)).ti,ab. or ((risk or inciden\$) adj2 (cancer or carcinoma or malignan\$)).ti.	142230
11	"Dilatation and Curettage"/ or "Diagnostic Techniques, Obstetrical and Gynecological"/	2846
12	(sampl\$ or "dilation and curettage" or "dilatation and curettage" or "d and c" or curette or pipelle or biops* or rule out).ti,ab.	2815172
13	11 or 12	2817018
14	(concurrent\$ or simultaneous or occult).ti,ab.	475069
15	13 and 14	79323
16	10 or 15	200719
17	9 and 16	13
18	*Gynecologic Surgical Procedures/ or *Minimally Invasive Surgical Procedures/ or exp *"Dilatation and Curettage"/ or *Hysteroscopy/ or exp *hysterectomy/ or *Laparoscopy/ or *Sentinel Lymph Node/ or *morcellation/ or *Ablation Techniques/ or *Endometrial Ablation Techniques/ or *Salpingo-oophorectomy/	115708
19	("dilation and curettage" or "dilatation and curettage" or "d and c" or hysteroscop* or hysterectom\$ or surg\$ or laparoscop\$ or morcellat\$ or	901649

	endometrial ablat\$ or sentinel lymph node\$ or salpingo-oophorectom\$ or perioperat\$ or peri-operat\$ or operative).ti.	
20	18 or 19	930396
21	9 and 20	48
22	exp treatment outcome/ or (th or rt or su).fs. or (treat\$ or therap\$ or manage\$).ti,ab.	11044493
23	21 and 22	44
24	*Levonorgestrel/ or *Intrauterine Devices, Medicated/ or *Progestins/ or *Hormone Replacement Therapy/ or *Estrogen Replacement Therapy/ or *Medroxyprogesterone Acetate/ or *Progesterone/ad, tu, th or *Progestins/ad, tu, th or *Megestrol Acetate/ or *metformin/ or *Intrauterine Devices/ or *Intrauterine Devices, Medicated/ or *fertility preservation/	52913
25	(nonsurg\$ or non-surg\$ or future fertil\$ or fertility sparing or hormone therap\$ or Medroxyprogesterone or depo-provera or depoprovera or vaginal progesterone or Megestrol or metformin or Levonorgestrel or intrauterine system\$ or intrauterine device\$ or intra-uterine system\$ or intra-uterine device\$ or iud or iuds or mirena or skyla or liletta or kyleena).ti.	39068
26	*endometrial hyperplasia/dt	270
27	24 or 25 or 26	71596
28	9 and 27	64
29	(th or dt or de).fs. or (treat\$ or therap\$ or manage\$).ti. or exp treatment outcome/ or combined modality therapy/ or exp drug therapy/	9109746
30	28 and 29	60
31	9 and 25	48
32	30 not 31	13
33	32 and (treat\$ or therap\$ or manage\$).ti.	12
34	31 or 33	60
35	treatment outcome/ or treatment failure/ or disease-free survival/ or progression-free survival/ or (treat\$ or therap\$ or manage\$).ti.	3724152
36	9 and 35	87
37	21 or 28 or 36	132
38	((treatment\$ or therap\$ or posthormon\$ or post-hormon\$ or systemic) adj3 (surveill\$ or prevent\$ or followup or follow-up)).ti,ab.	234211
39	(followup or follow-up or long term or surveill\$ or after or recur\$).ti.	1350360
40	neoplasm recurrence, local/ or recurrence/ or follow-up studies/ or secondary care/ or retreatment/	976309
41	38 or 39 or 40	2241757
42	37 and 41	27
43	9 and (followup or follow-up).ti.	2
44	42 or 43	29
45	counseling/ or directive counseling/ or motivational interviewing/ or choice behavior/ or decision making/ or health promotion/ or health education/ or counsel\$.ti,ab.	410457
46	obesity/ or weight loss/ or bariatric medicine/ or bariatrics/ or bariatric surgery/ or gastric bypass/ or gastroplasty/ or gastrectomy/ or jejunoileal bypass/ or exp obesity/su or anastomosis, roux-en-y/ or gastric balloon/	293941
47	(obese* or obesity* or bariatric or (weight adj2 loss)).ti,ab.	442269
48	(stomach stapl\$ or gastric stapl\$ or gastric bypass or gastrojejunostomy or gastroplasty or gastrogastrostomy or gastrectomy or gastrectomy or laparoscopic adjustable band\$ or biliopancreatic diversion or duodenal switch or gastric band\$ or roux-en-y).mp.	41955
49	45 or 46 or 47 or 48	939335
50	9 and 49	32
51	(equit\$ or inequit\$ or inequalit\$ or disparit\$ or equality).ti,ab.	178293

52	(ethnic\$ or race or racial\$ or identit\$).ti. or (racis\$ or prejudic\$ or race-relat\$).ti,ab.	95506
53	(implicit adj3 bias).ti,ab.	1306
54	((bias or prejudic\$ or racis\$) and (unconciou\$ or implicit\$ or institutional\$ or structural\$ or dismantl\$)).ti,ab.	11591
55	((social\$ or socio-economic or socioeconomic or economic\$ or structural or material) adj3 (advantage\$ or disadvantage\$ or exclude\$ or exclusion or include\$ or inclusion or status or position or gradient\$ or hierarch\$ or class\$ or determinant\$)).ti,ab.	155972
56	(disproportionate risk\$ or systemic barrier\$).ti,ab.	1049
57	((health adj3 (gap\$ or gradient\$ or hierarch\$)) or health services).ti,ab.	90448
58	(SES or SEP or sociodemographic\$ or socio-demographic\$ or income or wealth\$ or poverty or educational level or (level adj education\$) or educational attainment or well educated or better educated or unemploy\$ or home owner\$ or tenure or affluen\$ or well off or better off or worse off).ti,ab.	380539
59	(socio-economic or socioeconomic).ti.	25838
60	mistrust.ti,ab.	3360
61	bias.ti.	23636
62	((African or Black) adj3 American\$).ti.	20556
63	(Hispanic\$ or Latino\$ or Latina\$ or Latinx or Asian American\$ or American Indian or Indigenous American).ti.	22413
64	Vulnerable populations/ or medically underserved area/ or Socioeconomic factors/ or Low Socioeconomic Status/ or "Socioeconomic Disparities in Health"/ or Social segregation/ or Residential Segregation/ or Race factors/ or Race relations/ or Racism/ or Prejudice/ or Antiracism/ or "Diversity, Equity, Inclusion"/ or Poverty/ or Social class/ or Healthcare disparities/ or Health status disparities/ or Poverty areas/ or Urban population/ or Rural Population/ or Ethnic groups/ or exp Population Groups, US/ or *African Americans/ or Black People/ or *Hispanic Americans/ or *Asian Americans/ or "Asian American Native Hawaiian and Pacific Islander"/ or *Native Americans/ or *Pacific Islanders/ or Social Determinants of Health/ or Social Marginalization/ or *Health services accessibility/ or Resource Allocation/	606417
65	(marginalized adj3 identit\$).mp.	186
66	(resource\$ adj3 (stratif\$ or allocat\$)).ti,ab.	23569
67	*insurance, health/ or medically uninsured/	29536
68	exp medicare/ or medicaid/ or medical assistance/	76061
69	national health insurance, united states/ or "patient protection and affordable care act"/ or health insurance exchanges/	10786
70	(uninsured or underinsured or under-insured or affordable care act).ti,ab.	14475
71	(insured or insurance).ti.	28833
72	environment/ or environmental health/ or *social environment/ or environment\$.ti,ab.	1322492
73	"Transients and Migrants"/ or "Emigrants and Immigrants"/ or "Emigration and Immigration"/ or "Undocumented Immigrants"/ or Refugees/	60331
74	(alien\$ or emigrant\$ or foreigner\$ or Immigrant\$ or migran\$ or refugee\$ or border crossing or chain migration or emigration or in-migration or international migration).ti,ab.	84216
75	(veteran\$ or military).ti,ab.	91768
76	veterans/ or veterans health/ or veterans disability claims/ or united states department of veterans affairs/ or hospitals, veterans/ or veterans health services/ or military family/ or military personnel/ or military facilities/ or psychology, military/ or military psychiatry/ or military medicine/ or hospitals, military/ or military deployment/ or military health services/ or military health/	99148
77	75 or 76	138002

78	exp Homeless Persons/ or Public Housing/	12091
79	(homeless\$ or public housing).ti. or unhoused.mp.	8061
80	Prisoners/ or Prisons/ or jails/ or Correctional Facilities/	25201
81	(incarcerat\$ or prison\$).ti,ab.	30070
82	substance related disorders/ or substance abuse, intravenous/ or substance withdrawal syndrome/ or (substance abus\$ or substance misus\$ or substance use\$).ti.	144260
83	"substance use disorder".mp.	9052
84	Gender Identity/ or transgender person/ or Health Services for Transgender Persons/ or transsexualism/ or exp sex reassignment procedures/ or "Sexual and Gender Minorities"/	37197
85	(lesbian\$ or gay\$ or homosexual\$ or bisexual\$ or lgbt\$ or sexual orientation or gender divers\$).ti,ab.	36955
86	(sex reassign\$ or gender confirm\$ or gender affirm\$ or gender change or gender reassign\$ or sex change or gender identity disorder\$).ti,ab.	4158
87	(transgender\$ or transsexual\$ or gender identity or gender fluid\$ or nonbinary or non-binary or gender nonconform\$ or gender non-conform\$).ti,ab.	15848
88	(transgender\$ adj3 health\$).ti,ab.	1347
89	Gender Dysphoria/ or (gender adj3 dysphor\$).ti,ab.	1801
90	Homophobia/ or homophob\$.ti,ab. or transphob\$.mp. or queer\$.ti,ab. or genderqueer.ti,ab. or agender.ti,ab.	4516
91	51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90	2897122
92	9 and 91	10
93	risk factors/ or (odds ratio\$ or cross-product ratio\$ or relative odds or risk ratio\$ or risk factor\$).ti.	978022
94	9 and 93	16
95	risk factors/ or risk/ or risk reduction behavior/ or risk adjustment/ or risk assessment/ or odds ratio/ or incidence/ or prevalence/ or risk\$.ti. or (high risk or risk factor\$).ti,ab.	2414718
96	Disease Progression/ or Recurrence/ or Neoplasm Recurrence, Local/ or (recur\$ or progress\$).ti,ab.	2209899
97	Health Risk Behaviors/ or life style/ or exp Genetic Predisposition to Disease/ or Medical History Taking/ or Reproductive History/	240524
98	(life style\$ or lifestyle\$ or hormonal or family health or personal health or health histor\$ or personal health\$ or prior health\$ or genetic\$).ti,ab.	1423347
99	Lynch Syndrome II/ or Colorectal Neoplasms, Hereditary Nonpolyposis/ or Hamartoma Syndrome, Multiple/	6280
100	(Lynch cancer family syndrome or Hereditary Nonpolyposis Colorectal Neoplasm\$ or Familial Nonpolyposis Colon Cancer or Hereditary Nonpolyposis Colorectal Cancer or Colorectal Cancer Hereditary Nonpolyposis or Lynch Syndrome or Hereditary Nonpolyposis Colon Cancer).ti,ab.	5350
101	(Cowden\$ adj3 (Disease\$ or Syndrome\$)).ti,ab.	1223
102	((Multiple Hamartoma\$ or PTEN Hamartoma\$ or Dysplastic) adj3 Gangliocytoma) or Lhermitte-Duclos or Bannayan-Riley-Ruvalcaba or Ruvalcaba-Myhre or Myhre-Riley-Smith or Riley-Smith Syndrome or Ruvalcaba-Myhre-Smith or Bannayan-Ruvalcaba-Riley).ti,ab.	533
103	(Family adj3 histor\$).ti.	6361
104	96 or 97 or 98 or 99 or 100 or 101 or 102 or 103	3594697
105	95 and 104	477384

106	9 and 105	19
107	94 or 106	30
108	((endometrium or endometrial) adj3 (sampl\$ or biops\$)).ti.	1018
109	endometrium/ or exp endometrial neoplasms/ or Endometrial Hyperplasia/ or (endometrium or endometrial).ti.	62476
110	biopsy/ or (biops\$ or sampl\$ or pipelle).ti.	370219
111	109 and 110	3590
112	108 or 111	3590
113	(repeat\$ adj2 (biops\$ or sampl\$)).ti,ab.	9591
114	(adequate or adequacy or sufficient or insufficient or scant or single pass\$).ti,ab.	800104
115	(single or repeat\$ or method\$).ti.	898130
116	113 or 114 or 115	1679238
117	112 and 116	433
118	limit 117 to (english language and humans)	346
119	limit 118 to yr="2021 -Current"	22
120	119 not sentinel node biops\$.ti.	19

Database: PubMed (searched March 2, 2023)

Line	Search	Results
1	(endometrium[ti] OR endometrial neoplas*[ti] OR uterine disease*[ti] OR endometri*[ti] OR uterus[ti] OR uterine[ti]) AND (hyperplas*[ti] OR precancer*[ti] OR pre-cancer*[ti])	2378
2	endometrial intraepithelial neoplas*[ti] OR endometrial hyperplas*[ti] OR (endometri*[ti] AND thicken*[ti])	1284
3	#1 OR #2	2499
4	english[la] AND (publisher[sb] OR inprocess[sb] OR pubmednotmedline[sb] OR (pubstatusnihms AND publisher[sb]) OR (pubstatuspmcsd AND publisher[sb]))	5049112
5	#3 AND #4	198
6	#3 AND #4 from 2021 – 2023	79
7	(endometrium[ti] OR endometrial neoplas*[ti] OR uterine disease*[ti] OR endometri*[ti] OR uterus[tiab] OR uterine[tiab]) AND (hyperplas*[tiab] OR precancer*[tiab] OR pre-cancer*[tiab])	7515
8	endometrial intraepithelial neoplas*[tiab] OR endometrial hyperplas*[tiab] OR (endometri*[tiab] AND thicken*[tiab])	4557
9	#7 OR #8	8694
10	concurrent*[tiab] OR simultaneous*[tiab] OR occult*[tiab] OR sample[tiab] OR samples[tiab] OR sampling[tiab] OR "dilation and curettage"[tiab] OR "dilatation and curettage"[tiab] OR "d and c"[tiab] OR curett*[tiab] OR pipelle*[tiab] OR biops*[tiab] OR rule out[tiab] OR diagnos*[ti]	3955645
11	nonsurg*[tiab] OR non-surg*[tiab] OR future fertil*[tiab] OR fertility sparing[tiab] OR hormone therap*[tiab] OR estrogen therap*[tiab] OR Medroxyprogesterone*[tiab] OR progesterone*[tiab] OR depo-provera[tiab] OR depoprovera[tiab] OR vaginal progesterone*[tiab] OR Megestrol[tiab] OR metformin[tiab] OR Levonorgestrel*[tiab] OR intrauterine system*[tiab] OR intrauterine device*[tiab] OR intra-uterine system*[tiab] OR intra-uterine device*[tiab] OR iud[tiab] OR iuds[tiab] OR mirena[tiab] OR skyla[tiab] OR liletta[tiab] OR kyleena[tiab]	197908
12	(posthormon*[tiab] OR post-hormon*[tiab] OR systemic*[tiab]) AND (surveill*[tiab] OR prevent*[tiab] OR followup[tiab] OR follow-up[tiab])	87737

13	followup[ti] OR follow-up[ti] OR long term[ti] OR surveill*[ti] OR after[ti] OR recur*[tiab] OR retreatment*[tw] OR re-treat*[tiab]	1857346
14	#10 OR #11 OR #12 OR #13	5778037
15	#9 AND #14	4595
16	#15 AND #4	479
17	#15 AND #4 from 2021 – 2023	154
18	equit*[tiab] OR inequit*[tiab] OR inequalit*[tiab] OR disparit*[tiab] OR equality[tiab] OR ethnic*[ti] OR race[ti] OR racial*[tiab] OR racis*[tiab] OR prejudic*[tiab] OR race-relat*[tiab] OR disproportionate risk*[tiab] OR systemic barrier*[tiab] OR health gap[tiab] OR health gradient*[tiab] OR health hierarch*[tiab] OR SES[tiab] OR SEP[tiab] OR sociodemographic*[tiab] OR socio-demographic*[tiab] OR income[tiab] OR wealth*[tiab] OR poverty[tiab] OR educational level*[tiab] OR "level of education"[tiab] OR educational attainment[tiab] OR well-educated[tiab] OR better-educated[tiab] OR unemploy*[tiab] OR home owner*[tiab] OR affluen*[tiab] OR well-off[tiab] OR better-off[tiab] OR worse-off[tiab] OR social*[ti] OR socio-economic[tiab] OR socioeconomic[tiab] OR economic[tiab] OR structural[ti] OR African American*[ti] OR Black[ti] OR Hispanic*[ti] OR Latino*[ti] OR Latina*[ti] OR Latinx[ti] OR Asian American*[ti] OR poverty[tiab] OR urban[ti] OR rural[ti] OR vulnerable[tiab] OR underserved[tiab] OR marginali*[ti] OR minorit*[ti] OR uninsured[tiab] OR underinsured[tiab] OR under-insured[tiab] OR affordable care act[tiab] OR insured[tiab] OR insurance[tiab] OR medicare[tiab] OR medicaid[tiab] OR environment*[ti] OR alien*[tiab] OR emigra*[tiab] OR foreigner*[tiab] OR Immigra*[tiab] OR migran*[tiab] OR migrat*[tiab] OR refugee*[tiab] OR border crossing[tiab] OR emigration[tiab] OR veteran*[tiab] OR military[tiab] OR homeless*[tiab] OR public housing[tiab] OR unhoused[tiab] OR incarcerat*[tiab] OR prison*[tiab] OR lesbian*[tiab] OR gay[tiab] OR homosexual*[tiab] OR bisexual*[tiab] OR lgbt*[tiab] OR sexual orientation[tiab] OR gender divers*[tiab] OR sex reassign*[tiab] OR gender confirm*[tiab] OR gender affirm*[tiab] OR gender change*[tiab] OR gender reassign*[tiab] OR sex change*[tiab] OR gender identit*[tiab] OR transgender*[tiab] OR transsexual*[tiab] OR gender fluid*[tiab] OR nonbinary[tiab] OR non-binary[tiab] OR gender nonconform*[tiab] OR gender non-conform*[tiab] OR homophob*[tiab] OR transphob*[tiab] OR queer*[tiab] OR genderqueer[tiab] OR agender[tiab]	2308997
19	(bias[tiab] OR prejudic*[tiab] OR racis*[tiab]) AND (unconscious*[tiab] OR implicit*[tiab] OR institutional*[tiab] OR structural*[tiab] OR dismantl*[tiab])	12263
20	(social*[tiab] OR socio-economic[tiab] OR socioeconomic[tiab] OR economic[tiab] OR structural[tiab] OR material[tiab]) AND (advantage*[tiab] OR disadvantage*[tiab] OR exclude*[tiab] OR exclusion[tiab] OR include*[tiab] OR inclusion[tiab] OR status[tiab] OR position[tiab] OR gradient*[tiab] OR hierarch*[tiab] OR class*[tiab] OR determinant*[tiab])	795202
21	#18 OR #19 OR #20	2761513
22	#9 AND #21	467
23	#22 AND #4	75
24	#22 AND #4 from 2021 – 2023	22
25	counsel*[tiab] OR "weight loss"[tiab:~3] OR "lose weight"[tiab:~3] OR bariatric[tiab]	260333
26	#9 AND #25	132
27	#26 AND #4	19
28	#26 AND #4 from 2021 – 2023	7

29	risk factor*[ti] OR odds ratio*[ti] OR cross-product ratio*[ti] OR relative odds[ti] OR risk ratio*[ti]	146049
30	#9 AND #29	75
31	risk*[ti] OR high risk[tiab] OR risk factor*[tiab] OR incidence[tiab] OR prevalence[tiab] OR risk reduc*[tiab] OR reduce risk*[tiab] OR risk assess*[tiab] OR odds ratio[tiab]	2850367
32	recur*[tiab] OR progress*[tiab] OR life style*[tiab] OR lifestyle*[tiab] OR hormonal[tiab] OR family health[tiab] OR personal health[tiab] OR health histor*[tiab] OR personal health*[tiab] OR prior health*[tiab] OR medical histor*[tiab] OR family history[tiab] OR reproductive histor*[tiab] OR genetic*[tiab] OR Lynch Syndrom*[tiab] OR Lynch cancer*[tiab] OR Hereditary Nonpolyposis Colorectal Neoplas*[tiab] OR Familial Nonpolyposis Colon Cancer*[tiab] OR Hereditary Nonpolyposis Colorectal Cancer*[tiab] OR Colorectal Cancer Hereditary Nonpolyposis[tiab] OR Hereditary Nonpolyposis Colon Cancer*[tiab] OR Cowden Disease*[tiab] OR Cowden Syndrome*[tiab] OR hereditary cancer*[tiab] OR cancer syndrome*[tiab] OR Multiple Hamartoma*[tiab] OR PTEN Hamartoma*[tiab]	3427038
33	#9 AND #31 AND #32	562
34	#30 OR #33	609
35	#34 AND #4	93
36	#34 AND #4 from 2021 – 2023	25
37	(endometrial[ti] OR endometrium[ti]) AND (sampl*[ti] OR biops*[ti] or pipelle*[ti])	1294
38	"endometrium"[Mesh] OR "endometrial neoplasms"[Mesh] OR "Endometrial Hyperplasia"[Mesh] OR endometrium[ti] OR endometrial[ti]	67510
39	"biopsy"[Mesh] OR biops*[ti] OR sampl*[ti] OR pipelle*[ti]	462215
40	#38 AND #39	5023
41	#37 OR #40	5023
42	repeat* biops*[tiab] OR repeat* sampl*[tiab]	2565
43	adequate[tiab] OR adequacy[tiab] OR sufficient[tiab] OR insufficient[tiab] OR scant[tiab] OR single pass[tiab]	800026
44	single[ti] OR repeat*[ti] OR method*[ti]	898039
45	#42 OR #43 OR #44	1673252
46	#41 AND #45	527
47	#46 AND #4	22
48	#46 AND #4 from 2021 – 2023	5
49	#6 OR #17 OR #24 OR #28 OR #36 OR #48	192