

## NICE guideline title

### Search strategies for Heavy Menstrual Bleeding (update)

*NICE guideline TBC*

*Search strategies*

*July 2017*

*Draft for Consultation*

*These search strategies were developed  
by National Guideline Alliance, hosted by  
the Royal College of Obstetricians and  
Gynaecologists*



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The recommendations in this guideline represent the view of NICE, arrived at after careful consideration of the evidence available. When exercising their judgement, professionals are expected to take this guideline fully into account, alongside the individual needs, preferences and values of their patients or service users. The recommendations in this guideline are not mandatory and the guideline does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of the individual patient, in consultation with the patient and/or their carer or guardian.

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# 1 Diagnosis of heavy menstrual bleeding

2

ID	Search
#1	mesh descriptor: [menorrhagia] this term only
#2	(menorrhag* or hypermenorrh* or menometrorrhag* or metromenorrhag* or (menstru* near/3 (bleed* or blood loss)) or (heavy near/1 (period* or menses or menstruation)) or ((abnormal* or dysfunction*) near/3 (uterine or uterus) near/3 (bleed* or blood*))) :ti
#3	(menorrhag* or hypermenorrh* or menometrorrhag* or metromenorrhag* or (menstru* near/3 (bleed* or blood loss)) or (heavy near/1 (period* or menses or menstruation)) or ((abnormal* or dysfunction*) near/3 (uterine or uterus) near/3 (bleed* or blood*))) :ab
#4	#1 or #2 or #3
#5	mesh descriptor: [adenomyosis] this term only
#6	(adenomyo* or adenomyi*) :ti
#7	(adenomyo* or adenomyi*) :ab
#8	#5 or #6 or #7
#9	mesh descriptor: [area under curve] explode all trees
#10	mesh descriptor: [predictive value of tests] this term only
#11	mesh descriptor: [reproducibility of results] this term only
#12	mesh descriptor: [roc curve] this term only
#13	mesh descriptor: [sensitivity and specificity] this term only
#14	mesh descriptor: [validation studies] this term only
#15	(accurac* or accurat* or 'area under curve' or 'auc value*' or 'clinical utilit*' or (likelihood near/3 ratio*) or (diagnostic near/2 odds ratio*) or ((pretest or 'pre test' or posttest or 'post test') near/2 probabilit*) or (predict* near/3 value*) or 'receiver operating characteristic' or (roc near/2 curv*) or reliabil* or sensititiv* or ecificit* or valid*) :ti
#16	(accurac* or accurat* or 'area under curve' or 'auc value*' or 'clinical utilit*' or (likelihood near/3 ratio*) or (diagnostic near/2 odds ratio*) or ((pretest or 'pre test' or posttest or 'post test') near/2 probabilit*) or (predict* near/3 value*) or 'receiver operating characteristic' or (roc near/2 curv*) or reliabil* or sensititiv* or specificit* or valid*) :ab
#17	(satisf* or acceptab*) :ti
#18	(satisf* or acceptab*) :ab

ID	Search
#19	satisf*:kw
#20	#9 or #10 or #11 or #12 or #13 or #14 or #15 or #16
#21	#17 or #18 or #19 or #20
#22	mesh descriptor: [diagnostic imaging] this term only
#23	mesh descriptor: [imaging, three-dimensional] this term only
#24	mesh descriptor: [ultrasonography] explode all trees
#25	mesh descriptor: [ultrasonography] explode all trees
#26	mesh descriptor: [tomography] this term only
#27	mesh descriptor: [tomography, x-ray] explode all trees
#28	mesh descriptor: [magnetic resonance imaging] explode all trees
#29	mesh descriptor: [hysterosalpingography] this term only
#30	mesh descriptor: [hysteroscopy] this term only
#31	(ultrasonograph* or sonograph* or ultrasound* or ultrasonic* or echograph* or echotomograph* or endosonograph* or ((uterine or uterus or medical) near/3 imaging) or hysterosalpongograph* or hysterograph* or hysterosonograph* or sonohysterograph* or (magnetic near/3 (resonance or imaging)) or (mri or mr imaging or nmr) or hysteroscop* or taus or tvus):ti
#32	(ultrasonograph* or sonograph* or ultrasound* or ultrasonic* or echograph* or echotomograph* or endosonograph* or ((uterine or uterus or medical) near/3 imaging) or hysterosalpongograph* or hysterograph* or hysterosonograph* or sonohysterograph* or (magnetic near/3 (resonance or imaging)) or (mri or mr imaging or nmr) or hysteroscop* or taus or tvus):ab
#33	#22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32
#34	#4 and #33 publication year from 2007 to 2016, in cochrane reviews (reviews and protocols) and other reviews
#35	#4 and #21 and #33 publication year from 2007 to 2016, in trials, technology assessments and economic evaluations
#36	#8 and #33 publication year from 1996 to 2016, in cochrane reviews (reviews and protocols) and other reviews
#37	#8 and #20 and #33 publication year from 1996 to 2016, in trials, technology assessments and economic evaluations
#38	#34 or #35 or #36 or #37

1 **OID MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R);**  
 2 **Embase 1980 to 2016 (last searched 13.10.2016)**

#	Searches
1	menorrhagia/ or 'menorrhagia and metrorrhagia'/ (12537)
2	1 use emez (8425)
3	menorrhagia/ (12470)
4	3 use mesz, prem (4113)
5	(menorrhag* or hypermenorrh* or menometrorrhag* or metromenorrhag* or (menstru* adj3 (bleed* or blood loss)) or (heavy adj1 (period* or menses or menstruation)) or ((abnormal* or dysfunction*) adj3 (uterine or uterus) adj3 (bleed* or blood*))).ti,ab. (18679)
6	or/2,4-5 (22025)
7	adenomyosis/ (3927)
8	7 use emez (3549)
9	adenomyosis/ (3927)
10	9 use mesz, prem (378)
11	(adenomyo* or adenomyi*).ti,ab. (7190)
12	or/8,10-11 (8216)
13	*area under the curve'/ or *predictive validity/ or *receiver operating characteristic/ or *reliability/ or '*sensitivity and specificity'/ or *test retest reliability/ or *validity/ (35178)
14	13 use emez (31257)
15	'area under curve'/ or 'predictive value of tests'/ or 'reproducibility of results'/ or roc curve/ or 'sensitivity and specificity'/ or validation studies/ (1358993)
16	15 use mesz, prem (806587)
17	(accurac* or accurat* or area under curve or auc value* or clinical utilit* or (likelihood adj3 ratio*) or (diagnostic adj2 odds ratio*) or ((pretest or pre test or posttest or post test) adj2 probabilit*) or (predict* adj3 value*) or receiver operating characteristic or (roc adj2 curv*) or reliabil* or sensitiv* or specificit* or valid*).tw. (3326518)
18	or/14,16-17 (3747277)
19	imaging/ (357914)
20	diagnostic imaging/ (174189)
21	exp echography/ or hysteroscopy/ (916865)

#	Searches
22	gynecological radiography/ (116)
23	hysterosalpingography/ (8923)
24	tomography/ (38627)
25	computer assisted tomography/ (637444)
26	exp nuclear magnetic resonance/ (1259850)
27	three dimensional imaging/ (134632)
28	or/19-27 (2894095)
29	28 use emez (2282821)
30	diagnostic imaging/ (174189)
31	exp imaging, three-dimensional/ (148746)
32	exp ultrasonography/ (905916)
33	tomography/ or exp tomography, x-ray/ (1272329)
34	exp magnetic resonance imaging/ (1121066)
35	hysterosalpingography/ (8923)
36	hysteroscopy/ (14119)
37	uterus/us (2297)
38	leiomyoma/us (961)
39	or/30-38 (2989587)
40	39 use mesz, prem (1028816)
41	(ultrasonograph* or sonograph* or ultrasound* or ultrasonic* or echograph* or echotomograph* or endosonograph* or ((uterine or uterus or medical) adj3 imaging) or hysterosalpingograph* or hysterograph* or hysterosonograph* or sonohysterograph* or (magnetic adj3 (resonance or imaging)) or (mri or mr imaging or nmr) or hysteroscop* or tvus or taus).ti,ab. (1853552)
42	or/29,40-41 (3881741)
43	meta analysis/ or 'meta analysis (topic)'/ or systematic review/ (332848)
44	43 use emez (252004)
45	meta analysis.sh,pt. or 'meta-analysis as topic'/ or 'review literature as topic'/ (310231)



#	Searches
46	45 use mesz, prem (102226)
47	(exp bibliographic database/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review\$.ti,ab,sh,pt. or systematic\$.ti,ab.) (253845)
48	(exp databases, bibliographic/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review\$.ti,ab,sh,pt. or systematic\$.ti,ab.) (253845)
49	((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantativ\$ or systematic\$) adj2 (overview\$ or review\$)).tw. or ((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantativ\$ or systematic\$).ti. and review\$.ti,pt.) or (systematic\$ adj2 search\$).ti,ab. (486134)
50	(metaanal\$ or meta anal\$).ti,ab. (228536)
51	(research adj (review\$ or integration)).ti,ab. (2657)
52	reference list\$.ab. (28511)
53	bibliograph\$.ab. (30896)
54	published studies.ab. (40368)
55	relevant journals.ab. (2105)
56	selection criteria.ab. (53262)
57	(data adj (extraction or synthesis)).ab. (36561)
58	(handsearch\$ or ((hand or manual) adj search\$)).ti,ab. (22026)
59	(mantel haenszel or peto or dersimonian or der simonian).ti,ab. (11716)
60	(fixed effect\$ or random effect\$).ti,ab. (73352)
61	((pool\$ or combined or combining) adj2 (data or trials or studies or results)).ti,ab. (113198)
62	47 use emez (153761)
63	48 use mesz, prem (100084)
64	or/44,46,49-63 (961624)
65	64 or review\$.ti,ab,pt. (6564182)
66	(12 and 18 and 42) or (12 and 42 and 65) (1321)
67	limit 66 to yr='1996 -current' (1178)
68	(satisf* or acceptab*).ti,ab. or 18 (4447557)

#	Searches
69	(6 and 68 and 42) or (6 and 42 and 65) (2548)
70	limit 69 to yr='2007 -current' (1405)
71	or/67,70 (2436)

# 1 Management of heavy menstrual bleeding

2

ID	Search
#1	MeSH descriptor: [Value of Life] explode all trees
#2	MeSH descriptor: [Costs and Cost Analysis] explode all trees
#3	MeSH descriptor: [Quality-Adjusted Life Years] explode all trees
#4	health economic* or cost* or (quality near life)
#5	MeSH descriptor: [Economics] explode all trees
#6	MeSH descriptor: [Economics, Hospital] explode all trees
#7	MeSH descriptor: [Economics, Medical] explode all trees
#8	MeSH descriptor: [Economics, Nursing] explode all trees
#9	MeSH descriptor: [Economics, Pharmaceutical] explode all trees
#10	MeSH descriptor: [Fees and Charges] explode all trees
#11	MeSH descriptor: [Budgets] explode all trees
#12	budget* or economic* or pharmaco?economic* or price* or pricing or financ* or fee or fees or (value near mone*) or (value near life)
#13	cost* near (effective* or utilit* or benefit* or minimi* or unit* or estimat* or variable*)
#14	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13
#15	MeSH descriptor: [Menorrhagia] explode all trees
#16	Menorrhag* or hypermenorrh* or HMB or iron deficient anaemia or menometrorrhag* or metromenorrhag*
#17	menstru* near (excessive or heavy or abnormal or disorder)
#18	menstru* near (bleed* or blood loss)
#19	heavy near (period* or menses)
#20	dysfunction* near (uterine or uterus) near (bleed* or blood*)
#21	#15 or #16 or #17 or #18 or #19 or #20
#22	#14 and #21

3

4 **OVID MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R)**  
5 1946 to Present (last searched on 23/11/2016)

#	Searches
1	randomized controlled trial.pt.
2	controlled clinical trial.pt.
3	pragmatic clinical trial.pt.
4	randomi#ed.ab.
5	placebo.ab.
6	drug therapy.fs.
7	randomly.ab.

#	Searches
8	trial.ab.
9	groups.ab.
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
11	Clinical Trials as topic.sh.
12	trial.ti.
13	or/1-5,7,11-12
14	Meta-Analysis/
15	Meta-Analysis as Topic/
16	(meta analy* or metanaly* or metaanaly*).ti,ab.
17	((systematic* or evidence*) adj2 (review* or overview*)).ti,ab.
18	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
19	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
20	(search* adj4 literature).ab.
21	(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.
22	cochrane.jw.
23	14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22
24	13 or 23
25	exp Menorrhagia/
26	Menorrhagia.ti,ab.
27	hypermenorrhoea.ti,ab.
28	(menstrua* adj5 (excessive or heavy or abnormal or disorder)).ti,ab.
29	((uterine or dysfunctional) adj bleeding).ti,ab.
30	iron deficient anaemia.ti,ab.
31	or/25-30
32	exp Anti-Inflammatory Agents, Non-Steroidal/
33	NSAID*.ti,ab.
34	((Non?steroidal or Non steroidal) adj (anti inflammatory or anti?inflammatory)).ti,ab.
35	exp Antifibrinolytic Agents/
36	exp Progestins/
37	(progestin* or danazol or Mirena).ti,ab.
38	Progestogen*.ti,ab.
39	exp Hemostatics/
40	exp Flurbiprofen/
41	exp Contraceptives, Oral, Combined/ or exp Contraceptives, Oral/
42	exp Gonadotropin-Releasing Hormone/
43	GnRH*.ti,ab.
44	(Gonadorelin or gonadotrophin).ti,ab.
45	exp Drug Therapy/
46	exp Intrauterine Devices, Medicated/
47	exp Levonorgestrel/

#	Searches
48	(Levonorgestrel-releasing intrauterine system or LNG-IUS).ti,ab.
49	exp Prostaglandins/ or exp Cyclooxygenase Inhibitors/
50	(prostaglandin* or cyclooxygenase).ti,ab.
51	exp Tranexamic Acid/
52	exp Antifibrinolytic Agents/
53	antifibrinolytic.ti,ab.
54	exp Naproxen/
55	exp Ibuprofen/
56	exp Aspirin/
57	exp Mefenamic Acid/
58	exp Medroxyprogesterone Acetate/
59	exp Norethindrone/
60	exp Desogestrel/
61	Estradiol Valerate.ti,ab.
62	Dienogest.ti,ab.
63	exp Ethinyl Estradiol/
64	Leuprolide acetate.ti,ab.
65	Decapeptyl.ti,ab.
66	exp Goserelin/
67	Ulipristal acetate.ti,ab.
68	exp Ethamsylate/
69	exp Indomethacin/
70	exp Diclofenac/
71	(first?line or second?line or (first line or second line)).ti,ab.
72	or/32-71
73	exp Gynecologic Surgical Procedures/
74	exp Hysterectomy/
75	exp Laparoscopy/
76	exp Endometrial Ablation Techniques/
77	exp Hysteroscopy/
78	exp Catheter Ablation/
79	laser ablation*.ti,ab.
80	hyperthermia.ti,ab.
81	thermotherapy.ti,ab.
82	photodynamic.ti,ab.
83	radiofrequency.ti,ab.
84	saline irrigation*.ti,ab.
85	catheter ablation*.ti,ab.
86	vaginoscopy.ti,ab.
87	exp Uterine Myomectomy/

#	Searches
88	exp Uterine Artery Embolization/
89	exp High-Intensity Focused Ultrasound Ablation/
90	exp Electrosurgery/
91	exp Cryosurgery/
92	(first?line or second?line or (first line or second line)).ti,ab.
93	exp Laser Therapy/
94	(hysterectom* adj1 (laparoscop* or vaginal or robotic or open)).ti,ab.
95	(Endometri* adj3 (resect* or vaporiz* or ablat* or cryoablat*)).ti,ab.
96	(thermoablat* or Thermal Balloon).ti,ab.
97	transcervical resect*.ti,ab.
98	(rollerball or roller ball).ti,ab.
99	saline infusion.ti,ab.
100	catheter ablat*.ti,ab.
101	exp Ultrasonography/
102	(sonohysterography or ultraso*).ti,ab.
103	cavaterm.ti,ab.
104	ThermaChoice.ti,ab.
105	Menotreat.ti,ab.
106	Thermablate.ti,ab.
107	hysteroscop*.ti,ab.
108	(Uterine artery emboliz* or myomectom*).ti,ab.
109	transcutaneous ultraso*.ti,ab.
110	Electrosurg*.ti,ab.
111	(surgical or surger* or operat* or resect* or excis* or ablat*).ti,ab.
112	Ablation.ti,ab.
113	or/73-112
114	72 or 113
115	31 and 114
116	24 and 115
117	limit 116 to (english language and yr="2007 -Current")
118	letter/
119	editorial/
120	news/
121	exp historical article/
122	Anecdotes as Topic/
123	comment/
124	case report/
125	(letter or comment*).ti.
126	118 or 119 or 120 or 121 or 122 or 123 or 124 or 125
127	randomized controlled trial/ or random*.ti,ab.

#	Searches
128	126 not 127
129	animals/ not humans/
130	exp Animals, Laboratory/
131	exp Animal Experimentation/
132	exp Models, Animal/
133	exp Rodentia/
134	(rat or rats or mouse or mice).ti.
135	128 or 129 or 130 or 131 or 132 or 133 or 134
136	117 not 135

1

2 **Embase 1980 to 2016 Week 48 (last searched on 23/11/2016)**

#	Searches
1	random*.ti,ab.
2	factorial*.ti,ab.
3	(crossover* or cross over*).ti,ab.
4	((doubl* or singl*) adj blind*).ti,ab.
5	(assign* or allocat* or volunteer* or placebo*).ti,ab.
6	crossover procedure/
7	single blind procedure/
8	randomized controlled trial/
9	double blind procedure/
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
11	systematic review/
12	meta-analysis/
13	(meta analy* or metanaly* or metaanaly*).ti,ab.
14	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
15	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
16	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
17	(search* adj4 literature).ab.
18	(medline or pubmed or cochrane or embase or psychlit or psycliit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
19	((pool* or combined) adj2 (data or trials or studies or results)).ab.
20	cochrane.jw.
21	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20
22	10 or 21
23	exp menorrhagia/
24	Menorrhagia.ti,ab.
25	hypermenorrhoea.ti,ab.
26	(menstrua* adj5 (excessive or heavy or abnormal or disorder)).ti,ab.

#	Searches
27	((uterine or dysfunctional) adj bleeding).ti,ab.
28	exp uterus bleeding/dt, su, th [Drug Therapy, Surgery, Therapy]
29	iron deficient anaemia.ti,ab.
30	or/23-29
31	NSAID*.ti,ab.
32	((Non?steroidal or Non steroidal) adj (anti inflammatory or anti?inflammatory)).ti,ab.
33	(progestin* or danazol or Mirena).ti,ab.
34	Progestogen*.ti,ab.
35	(Gonadorelin or gonadotrophin).ti,ab.
36	exp Drug Therapy/
37	(Levonorgestrel-releasing intrauterine system or LNG-IUS).ti,ab.
38	(prostaglandin* or cyclooxygenase).ti,ab.
39	exp Tranexamic Acid/
40	antifibrinolytic.ti,ab.
41	exp Naproxen/
42	exp Ibuprofen/
43	exp Mefenamic Acid/
44	exp Medroxyprogesterone Acetate/
45	exp Desogestrel/
46	exp Goserelin/
47	(first?line or second?line or (first line or second line)).ti,ab.
48	exp nonsteroid antiinflammatory agent/
49	exp antifibrinolytic agent/
50	exp gestagen/
51	exp hemostatic agent/
52	exp danazol/
53	exp flurbiprofen/
54	exp oral contraceptive agent/
55	exp gonadorelin/
56	(GnRH* or Gonadotropin-Releasing Hormone*).ti,ab.
57	exp gonadotropin/
58	exp levonorgestrel releasing intrauterine system/ or exp levonorgestrel/
59	exp prostaglandin/
60	exp prostaglandin synthase inhibitor/
61	exp antifibrinolytic agent/
62	exp acetylsalicylic acid/
63	Aspirin.ti,ab.
64	exp norethisterone/
65	Norethindrone.ti,ab.
66	exp estradiol valerate/



#	Searches
67	exp dienogest/
68	exp ethinylestradiol/
69	Ethinyl Estradiol.ti,ab.
70	exp leuprorelin/
71	Leuprolide acetate.ti,ab.
72	exp triptorelin/
73	Decapeptyl.ti,ab.
74	exp ulipristal/
75	Ulipristal acetate.ti,ab.
76	exp etamsylate/
77	Ethamsylate.ti,ab.
78	exp indometacin/
79	Indomethacin.ti,ab.
80	exp diclofenac/
81	or/31-80
82	laser ablation*.ti,ab.
83	hyperthermia.ti,ab.
84	thermotherapy.ti,ab.
85	photodynamic.ti,ab.
86	radiofrequency.ti,ab.
87	saline irrigation*.ti,ab.
88	catheter ablation*.ti,ab.
89	vaginoscopy.ti,ab.
90	exp Uterine Artery Embolization/ (first?line or second?line or (first line or second line)).ti,ab.
91	(hysterectomy* adj1 (laparoscop* or vaginal or robotic or open)).ti,ab.
92	(Endometri* adj3 (resect* or vaporiz* or ablat* or cryoablat*)).ti,ab.
93	(thermoablat* or Thermal Balloon).ti,ab.
94	transcervical resect*.ti,ab.
95	(rollerball or roller ball).ti,ab.
96	saline infusion.ti,ab.
97	catheter ablat*.ti,ab.
98	(sonohysterography or ultraso*).ti,ab.
99	cavaterm.ti,ab.
100	ThermaChoice.ti,ab.
101	Menotreat.ti,ab.
102	Thermablate.ti,ab.
103	hysteroscop*.ti,ab.
104	(Uterine artery emboliz* or myomectom*).ti,ab.
105	transcutaneous ultraso*.ti,ab.
106	

#	Searches
107	Electrosurg*.ti,ab.
108	(surgical or surger* or operat* or resect* or excis* or ablat*).ti,ab.
109	exp gynecologic surgery/
110	exp hysterectomy/ or exp vaginal hysterectomy/
111	exp laparoscopy/
112	exp endometrium ablation/
113	exp hysteroscopy/
114	exp catheter ablation/
115	exp laser surgery/
116	exp hyperthermia/
117	exp thermotherapy/
118	exp myomectomy/
119	exp high intensity focused ultrasound/
120	exp electrosurgery/
121	exp cryosurgery/
122	exp low level laser therapy/
123	exp echography/
124	exp gynecologic thermal ablation device/
125	exp ablation therapy/
126	or/82-125
127	81 or 126
128	30 and 127
129	22 and 128
130	limit 129 to (english language and yr="2007 -Current")
131	letter.pt. or letter/
132	note.pt.
133	editorial.pt.
134	case report/ or case study/
135	(letter or comment*).ti.
136	131 or 132 or 133 or 134 or 135
137	randomized controlled trial/ or random*.ti,ab.
138	136 not 137
139	animal/ not human/
140	nonhuman/
141	exp Animal Experiment/
142	exp Experimental Animal/
143	animal model/
144	exp Rodent/
145	(rat or rats or mouse or mice).ti.
146	138 or 139 or 140 or 141 or 142 or 143 or 144 or 145

#	Searches
147	130 not 146

1