



APPENDIX: Search strategy

PubMed:

Search	Most Recent Queries	Time	Result
#16	Search #10 OR #15	19:09:26	295
#15	Search #11 AND #13 AND (in process[sb] OR publisher[sb] OR pubmednotmedline[sb]) AND eng[la]	19:09:03	21
#13	Search microwave* OR thermotherap* OR tumt OR microwave thermal* OR minimally invasiv*	19:08:08	43849
#11	Search prostatic hyperplas*[ti] OR prostatic hypertroph*[ti] OR bph[ti]	19:06:06	5246
#10	Search #8 NOT #9	19:03:24	274
#9	Search #8 Limits: Animals	19:03:06	24
#8	Search #5 OR #6 AND ENG [LA]	19:01:34	298
#7	Search #5 OR #6	19:01:23	302
#6	Search #3 AND TREATMENT OUTCOME[MH] AND FOLLOW-UP STUDIES[MH]	19:01:14	51
#5	Search #3 AND #4	19:00:32	285
#4	Search Limits: Clinical Trial, Meta-Analysis, Randomized Controlled Trial, Comparative Study, Consensus Development Conference, Consensus Development Conference, NIH, Controlled Clinical Trial, Evaluation Studies, Multicenter Study, Research Support, N I H, Extramural, Research Support, N I H, Intramural, Research Support, Non U S Gov't, Research Support, U S Gov't, Non P H S, Research Support, U S Gov't, P H S, Technical Report, English	19:00:12	5820465
#3	Search #1 AND #2	18:40:04	709
#2	Search hyperthermia, induced[mh] OR microwaves[mh] OR diathermy[mh] OR thermotherapy[tiab] OR tumt[tiab] OR microwave thermal* OR (minimally invasive* AND (microwave OR microwaves OR thermotherap* OR thermal))	18:39:51	28414
#1	Search prostatic hyperplasia/therapy OR prostatic hyperplasia[majr]	18:37:26	12430

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Search Queries

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No.	Query	Results
#16	#13 OR #14 OR #15	245
#15	#10 OR #11 AND (random*:ab,ti OR systematic:ab,ti)	110
#14	#10 OR #11 AND 'treatment outcome'/exp AND ('clinical	139

	study'/exp OR 'major clinical study'/exp OR 'controlled study'/exp)	
#13	#10 OR #11 AND ([cochrane review]/lim OR [controlled clinical trial]/lim OR [meta analysis]/lim OR [randomized controlled trial]/lim OR [systematic review]/lim)	115
#12	#10 OR #11	585
#11	#8 NOT #9	574
#10	#3 AND #6 AND [english]/lim AND [animals]/lim AND [humans]/lim	11
#9	#3 AND #6 AND [english]/lim AND [animals]/lim	30
#8	#3 AND #6 AND [english]/lim	604
#7	#3 AND #6	804
#6	#4 OR #5	21267
#5	'microwave radiation'/de OR 'microwave radiation' OR 'thermotherapy'/de OR 'thermotherapy' OR 'tumt'/de OR tumt OR 'microwave thermal' OR ('minimally invasive' AND (microwave* OR thermotherap* OR thermal))	21267
#4	'transurethral microwave thermotherapy'/exp	289
#3	#1 OR #2	15441
#2	'prostate hypertrophy'/exp/mj	14283
#1	'prostate hypertrophy'/exp/dm_su,dm_th,dm_dm	6080

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Cochrane Library

#1 (prostatic hyperplasia or prostatic hypertrophy or bph) and (microwave or microwaves or thermotherap* or tumt or (microwave and thermal)) 104 edit delete