

## Additional Digital Content: Search Strategy for Diverticulitis

Pubmed:

#1	'colon diverticulosis'/exp OR 'colon diverticulosis' OR 'diverticulitis':jt #1 AND (2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py OR 2018:py OR 2019:py)	2920
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Embase:

Set	Terms	Results
#1	'colon diverticulosis'/exp OR 'colon diverticulosis' OR 'diverticulitis':jt	7598
#2	#1 AND (2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py OR 2018:py OR 2019:py)	1844
#3	imaging	1853477
#4	#2 AND #3	296
#5	evaluation	2052255
#6	#2 AND #5	177
#7	surgery	4796585
#8	#2 AND #7	1185
#9	antibiotics	290001
#10	#2 AND #9	126
#11	laparoscopic AND lavage	1328
#12	#2 AND #11	69
#13	medical AND management	1007002
#14	#2 AND #13	194
#15	mesalamine	2169

<b>#16</b>	#2 AND #15	9
<b>#17</b>	probiotics	21508
<b>#18</b>	#2 AND #17	31
<b>#19</b>	rifaximin	4661
<b>#20</b>	#2 AND #19	58

Cochrane:

<b>Set</b>	<b>Terms</b>	<b>Results</b>
<b>#1</b>	Diverticulitis and imaging	33
<b>#2</b>	Diverticulitis and evaluation	148
<b>#3</b>	Diverticulitis and surgery	161
<b>#4</b>	Diverticulitis and antibiotics	76
<b>#5</b>	Diverticulitis and laparoscopic lavage	41
<b>#6</b>	Diverticulitis medical management	11
<b>#7</b>	Diverticulitis and mesalamine	16
<b>#8</b>	Diverticulitis and probiotics	14
<b>#19</b>	Diverticulitis and rifaximin	13

## Web of Science

Set	Terms	Results
#1	Diverticulitis and imaging	234
#2	Diverticulitis and evaluation	152
#3	Diverticulitis and surgery	846
#4	Diverticulitis and antibiotics	273
#5	Diverticulitis and laparoscopic lavage	198
#6	Diverticulitis medical management	145
#7	Diverticulitis and mesalamine	41
#8	Diverticulitis and probiotics	40
#19	Diverticulitis and rifaximin	56

We searched PubMed, Embase, Web of Science, and the Cochrane Library (including the Cochrane Central Register of Controlled Trials and the Cochrane Database of Systematic Reviews) using a combination of database-specific subject headings and keywords for diverticulitis, diverticulosis, medical management, antibiotics, probiotics, rifaximin, mesalamine, emergency surgery, elective surgery, and laparoscopic lavage. Exact search strategies are included above. Results were limited from January 1, 2013 to October 25, 2019. Results were imported into EndNote and duplicates were removed.

Total – 7563 records were entered into endnote. After duplicates were removed, 4885 records were screened.