

Supplementary Material 1. Literature search strategy.

A total of 103 records were retrieved via database and register searches and exported to EndNote. Librarian deduplicated the End-Note library using the Bramer method¹. 47 duplicate references were identified and removed; 56 records were delivered to the systematic review team for screening.

Table 1.

Database/register	Coverage
Ovid	
MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) Daily	1946 to 2022 October 3
Embase	1974 to 2022 October 3
EBM Reviews Cochrane Central Register of Controlled Trials	1991 to 2022 October 3
Elsevier	
Scopus	1823 to 2022 October 3
Web of Science	
Science Citation Index Expanded (SCIE)	1900 to 2022 October 3
Emerging Sources Citation Index (ESCI)	1900 to 2022 October 3

Ovid MEDLINE(R) 1946 to Present and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) Daily

- 1 Endoscopic submucosal dissection/ 3038
- 2 ((endoscopic-submucosal dissection or endoscopic-dissection or colonoscopy-dissection\$) adj3 (inflammatory bowel disease adj (crohns disease or ulcerative colitis))).ab,kf,ti. 2965
- 3 (ESD or hybrid-ESD).ab,kf,ti. 2498
- 4 ((endoscopic-submucosal-dissection or ESD) adj3 (inflammatory bowel disease or IBD or crohns disease or ulcerative colitis)).ab,kf,ti. 3426
- 5 1 or 2 or 3 or 4 6285
- 6 (colorectal neoplasia or colorectal dysplasia).ab,kf,ti. 225
- 7 5 and 6 15
- 8 exp Animals/ not exp Humans/ 4923912
- 9 7 not 8 15
- 10 exp Infant/ 1198456
- 11 exp Child/ 2031664
- 12 Adolescent/ 2143254
- 13 or/10-12 3775398
- 14 exp Adult/ 7665292
- 15 13 not 14 2002885
- 16 9 not 15 15
- 17 english.lg. 28636374
- 18 16 and 17 15

References

1. Bramer WM, Giustini D, de Jonge GB, Holland L, Bekhuis T. De-duplication of database search results for systematic reviews in EndNote. *Journal of the Medical Library Association : JMLA*. 2016;104(3):240-3. Erratum in: *J Med Libr Assoc*. 2017 Jan;105(1):111; PMID: 28096754 [<https://www.ncbi.nlm.nih.gov/pubmed/28096754>]. doi:<https://dx.doi.org/10.3163/1536-5050.104.3.014>

Embase <1974 to 2022 October 03>

- 1 endoscopic submucosal dissection/ 5698
- 2 ((endoscopic-submucosal-dissection or endoscopic-dissection or colonoscopic submucosal dissection\$) adj3 (inflammatory bowel disease adj (crohns disease or ulcerative colitis))).ab,kf,ti. 4999
- 3 (ESD or hybrid-ESD).ab,kf,ti. 6019
- 4 ((endoscopic-submucosal dissection or endoscopic-dissection or ESD) adj3 (inflammatory bowel disease or crohns disease or ulcerative colitis or IBD)).ab,kf,ti. 7748
- 5 1 or 2 or 3 or 4 11632
- 6 (colorectal neoplasia or colorectal dysplasia).ab,kf,ti. 278
- 7 5 and 6 33
- 8 exp animal/ not exp human/ 4864775
- 9 7 not 8 33
- 10 exp infant/ 1047356
- 11 exp juvenile/ 3685760
- 12 10 or 11 3685760
- 13 exp adult/ 9423036
- 14 12 not 13 2348830
- 15 9 not 14 33
- 16 english.lg. 32013747
- 17 15 and 16 33

EBM Reviews - Cochrane Central Register of Controlled Trials <October 2022>

- 1 ((endoscopic-submucosal dissection or endoscopic-dissection or colonoscopic-dissection\$) adj3 (inflammatory bowel disease adj (crohns disease or ulcerative colitis))).ti,hw,ab. 503
- 2 (ESD or hybrid-ESD).ti,hw,ab. 512
- 3 ((endoscopic-submucosal dissection or colonoscopic-dissection or ESD) adj3 (inflammatory bowel disease or crohns disease or ulcerative colitis or IBD)).ti,hw,ab. 588
- 4 1 or 2 or 3 743
- 5 (colorectal neoplasia or colorectal dysplasia or colon polyps or colon adenomas).ti,hw,ab. 21
- 6 4 and 5 15

2021-12-3_Scopus search strategy

(INDEXTERMS ({Endoscopic submucosal dissection} OR {colonoscopic dissection}) OR TITLE-ABS-KEY ((endoscopic submucosal dissection OR ESD OR colonoscopic dissection*) W/3 (inflammatory bowel disease W/1 (crohns disease OR ulcerative colitis))) OR TITLE-ABS-KEY (IBD OR CD OR UC) OR TITLE-ABS-KEY ((ESD OR IBD OR CD OR UC) W/3 (colorectal dysplasia OR colorectal neoplasia OR colon polyps OR colon adenomas)))

2021-12-3_Web of Science search strategy

#1 ((TS=((endoscopic submucosal dissection OR endoscopic dissection OR colonoscopic dissection*) NEAR/3 (inflammatory bowel disease NEAR/1 (crohns disease OR ulcerative colitis)))) OR TS=(ESD)) OR TS=((IBD OR ulcerative colitis OR crohns disease OR UC OR CD) NEAR/3 (colorectal dysplasia OR colorectal neoplasia OR colon polyps OR colon adenomas))