

Supplementary Material-Search Strategy

The following databases were searched systematically from inception up to July 31, 2021.

1. MEDLINE(PubMed)

((((((((pseudopolyps[Title/Abstract]) OR inflammatory polyps[Title/Abstract]) OR inflammatory pseudopolyps[Title/Abstract]) OR giant pseudopolyps[Title/Abstract]) OR post inflammatory pseudopolyps[Title/Abstract])) OR "Colonic Polyps"[Mesh]))
AND ((colorectal cancer) OR "Colorectal Neoplasms"[Mesh])) AND
((((Inflammatory bowel disease) OR ulcerative colitis) OR Crohn Disease) OR
"Crohn Disease"[Mesh]) OR "Colitis, Ulcerative"[Mesh]) OR "Inflammatory Bowel
Diseases"[Mesh])

2. MEDLINE(Ovid)

#1 pseudopolyps.mp. [mp=ti, ot, ab, tx, ct, sh, bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv] OR inflammatory polyps.mp. [mp=ti, ot, ab, tx, ct, sh, bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv] OR inflammatory pseudopolyps.mp. [mp=ti, ot, ab, tx, ct, sh, bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv] OR giant pseudopolyps.mp. [mp=ti, ot, ab, tx, ct, sh, bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv] OR post inflammatory pseudopolyps.mp. [mp=ti, ot, ab, tx, ct, sh, bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv]

#2 Colorectal cancer.mp. [mp=ti, ot, ab, tx, ct, sh, bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv] OR Colorectal Neoplasms.mp. [mp=ti, ot, ab, tx, ct, sh,

bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv]

#3 Inflammatory bowel disease.mp. [mp=ti, ot, ab, tx, ct, sh, bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv] OR ulcerative colitis.mp. [mp=ti, ot, ab, tx, ct, sh, bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv] OR crohn disease.mp. [mp=ti, ot, ab, tx, ct, sh, bt, nm, hw, kw, fx, kf, ox, px, rx, an, ui, ds, on, sy, tn, dm, mf, dv]

#4 #1 AND #2 AND #3

3. EMBASE

#1 'pseudopolyps':ti,ab,kw OR 'inflammatory polyps':ti,ab,kw OR 'inflammatory pseudopolyps':ti,ab,kw OR 'giant pseudopolyps':ti,ab,kw OR 'post inflammatory pseudopolyps':ti,ab,kw

#2 'colorectal cancer':ti,ab,kw OR 'colorectal neoplasms':ti,ab,kw OR 'rectal cancer':ti,ab,kw OR 'colon cancer':ti,ab,kw

#3 'inflammatory bowel disease':ti,ab,kw OR 'ulcerative colitis':ti,ab,kw OR 'crohn disease':ti,ab,kw

#4 #1 AND #2 AND #3

4. Cochrane Library

#1 (pseudopolyps):ti,ab,kw OR (inflammatory polyps):ti,ab,kw OR (inflammatory pseudopolyps):ti,ab,kw OR (giant pseudopolyps):ti,ab,kw OR (post inflammatory pseudopolyps):ti,ab,kw

#2 MeSH descriptor: [Colorectal Neoplasms] explode all trees

#3 MeSH descriptor: [Inflammatory Bowel Diseases] explode all trees

#4 #1 AND #2 AND #3

5. China National Knowledge Infrastructure (CNKI)

(炎性息肉 or 假性息肉 or 炎症后息肉) and (结直肠肿瘤 or 结直肠癌) and (炎症性肠病 or 溃疡性结肠炎 or 克罗恩病)

6. Wan-Fang Data

((((炎性息肉) OR 假性息肉) OR 炎症后息肉) AND ((结直肠肿瘤) OR 结直肠癌)) AND (((炎症性肠病) OR 克罗恩病) OR 溃疡性结肠炎)

7. China Science and Technology Journal Database (VIP)

题名或关键词 = 炎性息肉 +inflammatory polyp + inflammatory polyp + inflammatory polyps+非肿瘤性息肉+假性息肉+炎性息肉 AND 题名或关键词=直肠癌+rectal cancer + rectal cancer+大肠癌+结直肠癌+肠梗阻+结直肠肿瘤+异型增生 AND 题名或关键词=炎症性肠病+inflammatory bowel disease + inflammatory bowel diseases + Inflammatory enteropathy+炎症性肠炎+炎性肠病+炎症性肠疾病+溃疡性结肠炎+克罗恩病+ulcerative colitis

8. Chinese BioMedical Literature Database (CBM)

#1 "结直肠肿瘤"[不加权:扩展]

#2 炎症性肠病 OR 溃疡性结肠炎 OR 克罗恩病

#3 炎性息肉 OR 假性息肉 OR 炎症后息肉

#4 #1 AND #2 AND #3

Supplementary Material-Excluded Studies

The following studies was excluded with reasons:

After screening the titles and abstracts (n=160)

1. Usaj S, Tarabar D, Cuk V, et al. The histological diagnosis of dysplastic and neoplastic lesions in inflammatory bowel disease: a pathological perspective. *Acta Chir Jugosl.* 2004;51(2):109-116. doi:10.2298/aci0402109u
2. Abdel Razek, A. A., M. M. Abu Zeid, M. Bilal and N. M. Abdel Wahab. "Virtual Ct Colonoscopy Versus Conventional Colonoscopy: A Prospective Study." *Hepatogastroenterology* 52, no. 66 (2005): 1698-702.
3. Abid, S., A. Khawaja, S. A. Bhimani, Z. Ahmad, S. Hamid and W. Jafri. "The Clinical, Endoscopic and Histological Spectrum of the Solitary Rectal Ulcer Syndrome: A Single-Center Experience of 116 Cases." *BMC Gastroenterol* 12, (2012): 72
4. Abou Rached, A. and L. El Masri. "Complete Regression of Giant Inflammatory Polyp after Treatment with Adalimumab." 2019, (2019): 5347637
5. Abouzeid, H. E., A. M. Kassem, A. H. Abdel Wahab, H. A. El-mezayen, H. Sharad and S. Abdel Rahman. "Promoter Hypermethylation of Rassf1a, Mgmt, and Hic-1 Genes in Benign and Malignant Colorectal Tumors." *Tumour Biol* 32, no. 5 (2011): 845-52.
6. Abraham, B. P. "Cancer Surveillance in Ulcerative Colitis and Crohn's Disease: New Strategies." *Curr Opin Gastroenterol* 32, no. 1 (2016): 32-7.
7. Ahmed, S., D. N. Naumann and S. Karandikar. "Differences in Screening Vs Non-Screening Colonoscopy: Scope for Improvement?" *Colorectal Dis* 18, no. 9 (2016): 903-9.
8. Park, S. K., J. W. Kim, S. H. Park, D. H. Yang, K. W. Jung, K. J. Kim, B. D. Ye, S. J. Myung, S. K. Yang, J. H. Kim and J. S. Byeon. "Risk of Developing Metachronous Colon Neoplasm after Polypectomy: Comparison of One-Stage Versus Two-Stage Polypectomy." *Surg Endosc* 28, no. 5 (2014): 1634-40.
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11. Almadi, M. A., A. Allehibi, M. A. Aljebreen, O. R. Alharbi, N. Azzam and A. M. Aljebreen. "Findings During Screening Colonoscopies in a Middle Eastern Cohort." *Saudi J Gastroenterol* 25, no. 1 (2019): 20-26.
12. Amini, N., D. Haydel, N. Reisian, G. Sempa, J. Chu, Q. Wang, G. Zhao, M. J. Stamos and M. L. Wu. "Colorectal Stents Orient Specimens and Induce Artifacts That Mimic Crohn Disease." *Int J Mol Sci* 20, no. 2 (2012): 161-8.
13. Ansher, A. F., J. H. Lewis, D. E. Fleischer, E. L. Cattau, Jr., M. J. Collen, D. A. O'Kieffe, L. Y. Korman and S. B. Benjamin. "Hyperplastic Colonic Polyps as a Marker for Adenomatous Colonic Polyps." *Am J Gastroenterol* 84, no. 2 (1989): 113-7.
14. Arabi, N. A., A. M. Musaad, F. A. H. Mohammed, E. E. Ahmed and M. S. E. Abdelaziz. "Acute Lower Gastrointestinal Bleeding in Sudanese Patients: A Study on 301 Patients in a Specialized Centre." *Arab J Gastroenterol* 19, no. 2 (2018): 84-87.
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