

Inflammatory Bowel Diseases Elevate the Risk of Developing Acute Pancreatitis

A Meta-analysis

SUPPLEMENTAL DIGITAL CONTENT

SUPPLEMENTARY TABLE 1. The Search Query Template Used for Database Search on Four Major Electronic Databases.

(pancreatitis)

AND

(IBD OR (inflammatory bowel disease) OR (inflammatory bowel diseases)

OR

(crohn disease) OR (crohn's disease) OR (crohns disease) OR
(enteritis regionalis) OR (regional enteritis) OR (morbus crohn) OR
(regional enterocolitis)

OR

(ulcerative colitis) OR (chronic ulcerative colitis) OR (colitis ulcerativa) OR (colitis ulcerosa) OR
(colitis ulcerosa chronica) OR (mucosal colitis) OR (ulcerous colitis) OR
(colonic chronic ulceration) OR (ulcerative coloproctitis) OR (ulcerative procto colitis) OR
(ulcerative proctocolitis) OR (ulcerous proctitis) OR (ulcerative proctitis))

On PubMed/MEDLINE and Embase we used plain text search in *all fields* (including MeSH/Emtree headings search). On Web of Knowledge and Scopus, we searched in *Topic* and *Article Title, Abstract, Keyword* fields, respectively. (The formulation was adapted for each database.)

SUPPLEMENTARY TABLE 2. Quality Assessment of the Included Studies With the QUIPS Tool

Authors	Domains						Overall Judgement (RoB)
	1. Study Participation	2. Study Attrition	3. IBD Measurement	4. AP Measurement	5. Study Confounding	6. Statistical Analysis & Reporting	
A. Quality assessment of the studies in the analysis of the odds of AP in IBD							
Chen et al, 2016 ⁹	Low	Moderate	Low	Low	Low	Low	Low
Munk et al, 2004 ¹⁰	Low	–	Low	Low	Low	Low	Low
Rasmussen et al, 1999 ¹⁸	Low	Moderate	Low	Low	Moderate	Low	Moderate
Sundstrom et al, 2006 ¹⁹	Low	Moderate	Low	Low	Low	Low	Low
Thisted et al, 2006 ¹⁷	Low	–	Moderate	Low	Low	Low	Low
Yang et al, 2018 ²⁰	Low	–	Low	Low	Moderate	Low	Low
B. Quality assessment of the studies in the analysis of the annual incidence of AP in IBD							
Kim et al, 2017 ²¹	Moderate	–	Low	Moderate	Moderate	Low	Moderate
McAuliffe et al, 2015 ²²	Moderate	–	Low	Low	Moderate	Low	Moderate
Chen et al, 2016 ⁹	Low	Moderate	Low	Low	Low	Low	Low
Rasmussen et al, 1999 ¹⁸	Moderate	Moderate	Low	Low	Moderate	Low	Moderate