

Cochrane Library

#1	MeSH descriptor: [Inflammatory Bowel Diseases] explode all trees
#2	(Inflammatory Bowel Disease*):ti,ab,kw
#3	(Crohn's Enterit*):ti,ab,kw OR (Crohn's Disease*):ti,ab,kw OR (Crohns Disease*):ti,ab,kw OR (Crohn Disease*):ti,ab,kw
#4	(Granulomatous Enterit*):ti,ab,kw OR (Ileocolit*):ti,ab,kw OR (Granulomatous Colit*):ti,ab,kw
#5	(Idiopathic Proctocolit*):ti,ab,kw OR (Ulcerative Colit*):ti,ab,kw OR (Colitis Grav*):ti,ab,kw OR (pancolit*):ti,ab,kw
#6	MeSH descriptor: [Proctocolitis] explode all trees
#7	(Rectocolit*):ti,ab,kw OR (Hemorrhagic Rectocolit*):ti,ab,kw OR (Hemorrhagic Proctocolit*):ti,ab,kw OR (Ulcerative Rectocolit*):ti,ab,kw OR (Ulcerative Proctocolit*):ti,ab,kw
#8	(Proctosigmoidit*):ti,ab,kw OR (Rectosigmoidit*):ti,ab,kw OR (ulcerative proctosigmoidit*):ti,ab,kw
#9	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8
#10	MeSH descriptor: [Psoriasis] explode all trees
#11	(Psorias*):ti,ab,kw OR (Pustulosis Palmaris et Plantaris):ti,ab,kw OR (Palmoplantaris Pustulosis):ti,ab,kw OR (Pustular Psoriasis of Palms and Soles):ti,ab,kw OR (psoriatic palmoplantaris pustulosis):ti,ab,kw
#12	#10 OR #11
#13	#9 AND #12

S1 Table.

Quality assessment of included case-control studies by the Newcastle-Ottawa scale

	Selection				Comparability	Exposure		
	Is the case definition adequate?	Representativeness of the cases	Selection of controls	Definition of controls		Comparability of cases and cohorts on the basis of the design or analysis	Ascertainment of exposure	Same method of ascertainment for cases and controls
<i>George et al., 2015</i>		★-		★	★	★	★	
<i>Lolli et al., 2015</i>		★-		★	★	★	★	★
<i>Protic et al., 2016</i>	★	★-		★	★	★	★	

Quality assessment of included cohort studies by the Newcastle-Ottawa scale

	Selection				Comparability	Outcome		
	Representativeness of the exposed cohort	Selection of the non-exposed cohort	Ascertainment of exposure	Demonstration that outcome of interest was not present at start of study		Comparability of cohorts on the basis of the design or analysis	Assessment of outcome	Was follow-up long enough for outcomes to occur
<i>Guerra et al., 2012</i>	★	★	★		★	★	★	
<i>Afzali et al., 2013</i>	★		★		★	★	★	★
<i>Guerra et al., 2015</i>	★	★	★		★	★	★	★
<i>Kirthi et al., 2017</i>	★	★	★		★	★	★	★

Vavricka <i>et al.</i> , 2017	★	★	★		★	★	★	★
Andrade <i>et al.</i> , 2018	★	★	★		★	★	★	
Bae <i>et al.</i> , 2018	★	★	★	★	★	★	★	
Weizman <i>et al.</i> , 2018	★	★	★		★	★	★	★
Courbette <i>et al.</i> , 2019	★	★	★	★		★	★	★
Burckley <i>et al.</i> , 2021	★	★	★		★	★	★	
Ward <i>et al.</i> , 2021	★	★	★		★	★	★	★

Random-Effects Model

