

Appendix 1 Search strategies on PubMed and Ovid/Embase

PubMed Strategy: (((appendicitis) OR (acute appendicitis)) OR (appendectomy)) AND ((parasite) OR (parasitic)) Filters: from 1949–2023

Appendicitis	"appendical"[All Fields] OR "appendicitis"[MeSH Terms] OR "appendicitis"[All Fields]
Acute appendicitis	"appendicitis"[MeSH Terms] OR "appendicitis"[All Fields] OR ("acute"[All Fields] AND "appendicitis"[All Fields]) OR "acute appendicitis"[All Fields] appendectomy: "appendectomy"[MeSH Terms] OR "appendectomy"[All Fields] OR "appendectomies"[All Fields] OR "appendicectomies"[All Fields] OR "appendicectomy"[All Fields]
Appendectomy	"parasitation"[All Fields] OR "parasite's"[All Fields] OR "parasited"[All Fields] OR "parasites"[MeSH Terms] OR "parasites"[All Fields] OR "parasite"[All Fields] OR "parasitical"[All Fields] OR "parasitically"[All Fields] OR "parasitics"[All Fields] OR "parasiting"[All Fields] OR "parasitism"[All Fields] OR "parasitisms"[All Fields] OR "parasitization"[All Fields] OR "parasitize"[All Fields] OR "parasitized"[All Fields] OR "parasitizes"[All Fields] OR "parasitizing"[All Fields] OR "parasitology"[MeSH Terms] OR "parasitology"[All Fields] OR "parasitic"[All Fields] OR "parasitology"[Subheading]
Parasitic	"parasitation"[All Fields] OR "parasite's"[All Fields] OR "parasited"[All Fields] OR "parasites"[MeSH Terms] OR "parasites"[All Fields] OR "parasite"[All Fields] OR "parasitical"[All Fields] OR "parasitically"[All Fields] OR "parasitics"[All Fields] OR "parasiting"[All Fields] OR "parasitism"[All Fields] OR "parasitisms"[All Fields] OR "parasitization"[All Fields] OR "parasitize"[All Fields] OR "parasitized"[All Fields] OR "parasitizes"[All Fields] OR "parasitizing"[All Fields] OR "parasitology"[MeSH Terms] OR "parasitology"[All Fields] OR "parasitic"[All Fields] OR "parasitology"[Subheading]

Embase + Ovid search strategy

(*parasitic* OR *parasitic.mp.*) AND (*appendicitis* OR acute appendicitis* OR appendicectomy*)**

Set	Search Statement	Annotations	Insert	Edit	Delete
1.	parasite/				
2.	parasitic.mp.				
3.	1 or 2				
4.	appendicitis/ or acute appendicitis/ or appendicitis.mp.				
5.	3 and 4				

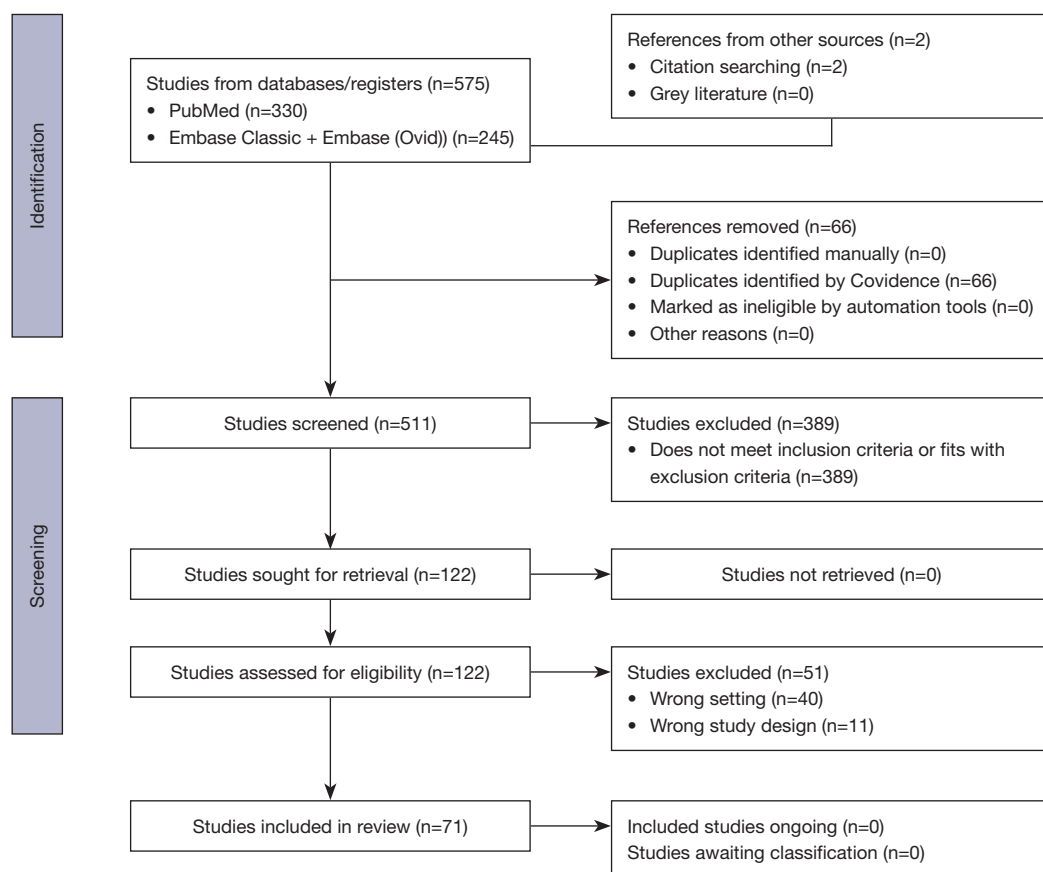


Figure S1 PRISMA exclusion and inclusion flowsheet.