**1.16 Illustrations**

Records identified through Embase/MEDLINE (n = 510)

Records identified through hand-searching references (n =189)

Records after duplicates removed
(n = 667)

Abstracts screened
(n = 667)

Studies excluded
(n = 539)\*

Full-text articles assessed for eligibility (n = 128)

Full-text articles excluded:

Abstract in english, full text non-English language (n = 2)

E-publication only (n = 2)

Full text dealing with upper gastrointestinal phenotype Crohn's Disease (CD) only (n = 5)

Only ulcerative colitis (UC), no CD mentioned in fulltext (n = 3)

UC and CD results not reported separately (n = 1)

Studies included in qualitative synthesis (n = 115)

PRISMA flow diagram showing selection of articles for systematic review

\* Studies excluded based on abstract included non-human studies, non-English language, no reference surgery in small bowel, large bowel and perianal disease CD, no abstract provided, studies primarily on immunomodulators, studies on UC only.