

Supplementary data 1

Inclusion criteria

Patients with inflammatory bowel disease that used low dose naltrexone (LDN) were identified from the Norwegian Prescription Database (NorPD). At least one of criterium 2 **OR** criterium 3 had to be fulfilled for both 2009 and 2010.

1. ≥1 prescription on low dose naltrexone (product identification number 361181) in 2013

AND

(2. NorPD records with any of the following reimbursement codes in 2009 **OR** 2010:

- a. ICD-10 K50 (Crohn's disease)
- b. ICD-10 K51.* (Ulcerative colitis)
- c. ICPC-2 D94 (Chronic enteritis/ulcerative colitis)

OR

3. NorPD records with any of the following Anatomical Therapeutic Chemical (ATC) codes in 2009 **OR** 2010:

- a. A07EA (Intestinal corticosteroids)
- b. A07EC02 (Mesalazine)
- c. A07EC03 (Olsalazin)
- d. A07EC04 (Balsalazid)
- c. L04A A33 (Vedolizumab))