**Figure, Supplemental Digital Content 1. Sample Search Strategy for MEDLINE.**

1 inflammatory bowel disease.mp. or exp Inflammatory Bowel Diseases/

2 exp Crohn Disease/ or exp Colitis, Ulcerative/ or IBD.mp.

3 Crohn\*.mp.

4 ulcerative colitis.mp.

5 adalimumab.mp. or exp Adalimumab/

6 humira.mp.

7 infliximab.mp. or exp Infliximab/

8 remicade.mp.

9 inflectra.mp.

10 exp Certolizumab Pegol/ or certolizumab.mp.

11 cimzia.mp.

12 entyvio.mp.

13 vedolizumab.mp.

14 ustekinumab.mp. or exp Ustekinumab/

15 stelara.mp.

16 golimumab.mp.

17 simponi.mp.

18 natalizumab.mp. or exp Natalizumab/

19 tysabri.mp.

20 Antegren.mp.

21 exp Biological Therapy/

22 tumor necrosis factor.mp. or exp Tumor Necrosis Factor-alpha/

23 anti-TNF.mp.

24 TNF.mp.

25 anti-tumor necrosis factor.mp.

26 anti tumor necrosis factor.mp.

27 exp Withholding Treatment/

28 (de-escalation or de-escalate or de-prescribe or dose reduction or dose reduce or reduce dose or down titrate or dose titrate or dose taper).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

29 1 or 2 or 3 or 4

30 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26

31 27 or 28

32 29 and 30 and 31