## **Report JYSELECA® filgotinib**

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Product & Mechanism of action	Authorized indications Licensing status	Essential therapeutic features	NHS impact
Mechanism of		Summary of clinical EFFICACY:  SELECTION study (NCT02914522) was a phase IIb/III, double blind, multicenter, randomized, placebo-controlled trial including two induction studies and one maintenance study in adults (≥ 18 and ≤ 75 years) with moderately to severely active ulcerative colitis. Eligible pts (n=2,040) were enrolled into one of the two induction studies (A and B), based on their experience with TNF antagonists or vedolizumab:  Induction study A/n=659; pts with loss of response to or intolerance to corticosteroids or immunosuppressants, naïve to TNF antagonists and vedolizumab (biologic-naïve);  Induction study B/n=689; pts with an inadequate clinical response, loss of response to or intolerance to any TNF antagonist or vedolizumab, and had not used any TNF antagonist or vedolizumab within eight weeks before screening (biologic-experienced).  Pts in induction studies A/B were randomly assigned (22.21) to receive oral fligotinib 200 mg (n=245 study A vs. n=262 study B), 100 mg (n=277 study A vs. n=262 study B), 10	Cost of therapy: The price forone-month treatment with30 tablets of filgotinib200 mg is 1,179.40 €* [4]. *Retail price including VAT.  Epidemiology: In Italy, the available incidence estimates are generallybased on relatively small populations. A review based on 16 studies reported for the early 2010s incidence rates ofulcerative colitis as 10-15 cases per 100,000 inhabitants per year [5] POSSIBLE PLACE IN THERAPY According to NICE, specialist drug treatment for ulcerative colitis is generally given for induction and maintenance of remission. The main classes of drugs used include: •Aminosalicylates (melsalazine, balsalazide, olsalazine, sulfasalazine); •Corticosteroids (hydrocortisone, methylprednisolone, prednisolone, beclometasonedipropionate) •Calcineurininhibitors (ciclosporin, tacrolimus) •Immunosuppressive (therapy (azathioprine, ciclosporin, mercaptopurine, tacrolimus) •Biologic therapy (adalimumab, golimumab, infliximab, vedolizumab, tofacitinib) [6].  OTHER INDICATIONS IN DEVELOPMENT: Yes (Perianal Fistulizing Crohn's Disease) [7].  SAME INDICATION IN EARLIER LINE(S) OF TREATMENT: -
		6. <a href="https://www.io.nihr.ac.uk/wp-content/uploads/2019/12/12986-TSID">https://www.io.nihr.ac.uk/wp-content/uploads/2019/12/12986-TSID</a> 10169-Filgotinib-for-Ulcerative-Colitis-V1.0-NOV2019-NON-CONF.pdf 7. <a href="https://clinicaltrials.gov/ct2/home">https://clinicaltrials.gov/ct2/home</a>	SAME INDICATION: Yes (PRV-300, ABX464, Ontamalimab).  *Service reorganization: No *Possible off label use: No