

# South West London Inflammatory Bowel Disease Pathway

Developed and agreed by the SWL IBD Medicines Optimisation Clinical Network

## Version 5.5

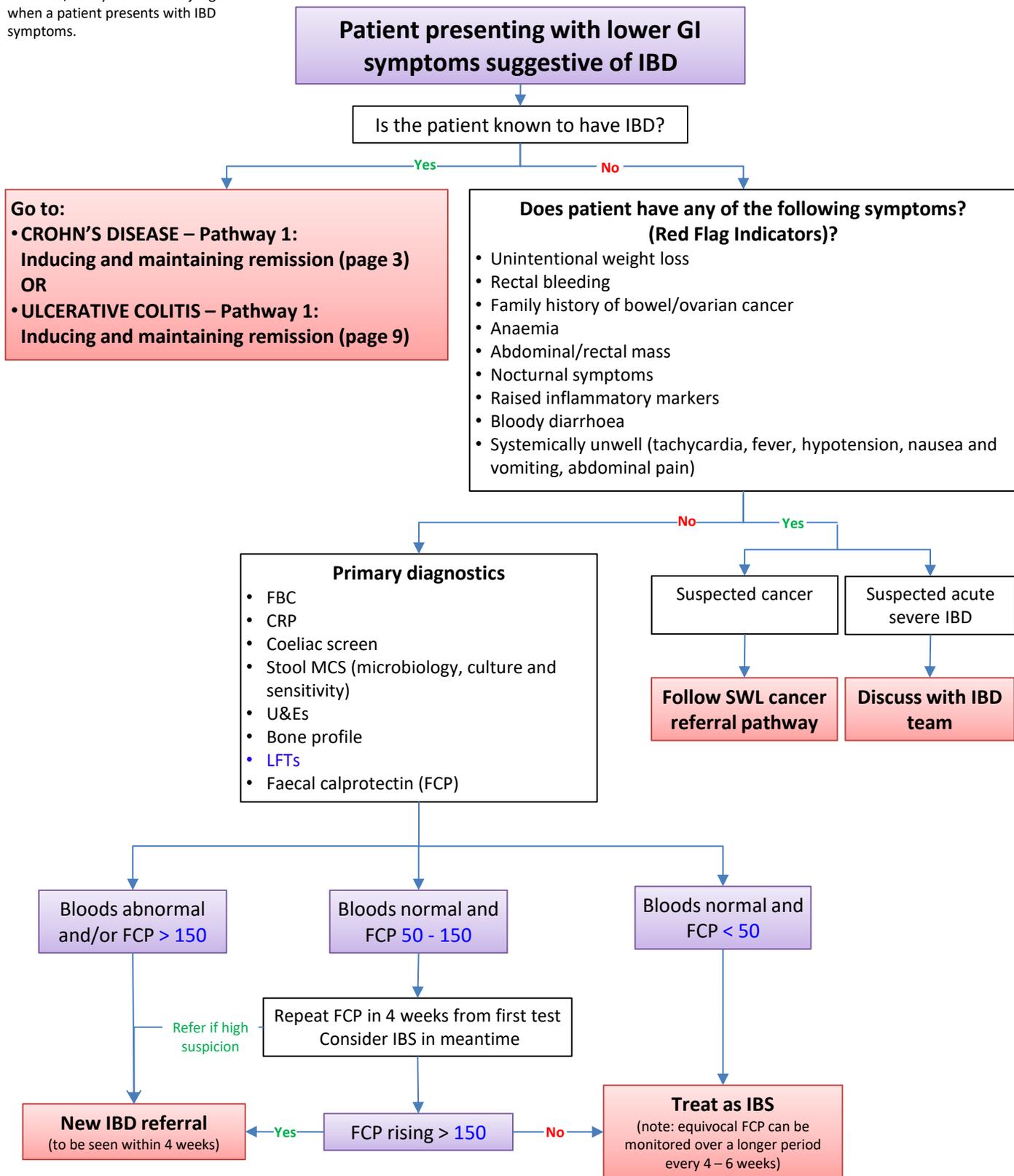
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This pathway provides guidance to healthcare professionals in primary and secondary care for adult patients only. However, always use clinical judgement when a patient presents with IBD symptoms.

# SWL IBD Pathway – Presenting with IBD symptoms

Version 5.5 (References: 1, 2, 3, 4 with local agreements)



IBD contact details for healthcare professionals:	Tel:	Switchboard:	E-mail:
Epsom and St. Helier Hospital (Epsom site)	IBD helpline: 01372 735363 Secretary: 01372 735129	02082962000 (ext:5129)	<a href="mailto:esth.cnsgastroegh@nhs.net">esth.cnsgastroegh@nhs.net</a>
Epsom and St. Helier Hospital (St. Helier site)	IBD helpline: 07831 120969	02082962000 (ext:2340)	<a href="mailto:esth.ibdteamsth@nhs.net">esth.ibdteamsth@nhs.net</a>
Kingston Hospital	IBD helpline: 020 8934 2760	020 8546 7711	<a href="mailto:khft.ibdadviceline@nhs.net">khft.ibdadviceline@nhs.net</a>
St. George's Hospital	IBD helpline: 020 8725 2996	020 8672 1255	<a href="mailto:ibdadviceline@stgeorges.nhs.uk">ibdadviceline@stgeorges.nhs.uk</a>
Croydon University Hospital	IBD helpline: 020 8401 3000	020 8401 3000 (ext:4484)	<a href="mailto:ch-tr.ibdcuh@nhs.net">ch-tr.ibdcuh@nhs.net</a>

# SWL IBD Pathway CROHN'S DISEASE - Pathway 1: Inducing and maintaining remission

Version 5.5 (Reference: NICE Guideline NG129<sup>5</sup>)

<p><b>Advice</b></p> <p>Discuss treatment options and monitoring. Give advice on:</p> <ul style="list-style-type: none"> <li>Smoking cessation</li> <li>Patient experience</li> <li>Medicines adherence</li> <li>Fertility</li> </ul>	<p>If appropriate give information on:</p> <ul style="list-style-type: none"> <li>Diet and nutrition</li> <li>Fertility, pregnancy and sexual relationships</li> <li>Prognosis</li> <li>Side effects of treatment</li> </ul>	<ul style="list-style-type: none"> <li>Cancer risk</li> <li>Surgery</li> <li>Support groups</li> </ul>
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## INDUCING REMISSION

First presentation or single inflammatory exacerbation in a 12 months period

### Monotherapy with conventional glucocorticosteroid:

- Prednisolone or
- Methylprednisolone or
- Hydrocortisone IV

### Patients who decline, cannot tolerate or have a contraindication to conventional glucocorticosteroids:

- Budesonide (disto-ileal, ileo-caecal or right-sided colonic disease). Explain that budesonide is less effective than conventional glucocorticosteroids but may have fewer side-effects.

### Do not offer:

- Budesonide for severe presentations or exacerbations
- Azathioprine, 6-mercaptopurine or methotrexate as monotherapy to induce remission

2 inflammatory exacerbations in a 12 months period or  
steroid dependent (glucocorticosteroid dose cannot be tapered)

### Surgery (distal ileum):

Consider if disease is limited to distal ileum early in the course of the disease as an alternative to medical treatment

**Balloon dilatation:** Consider if strictures

Consider immuno-modulators

Consider biologics if severe active Crohn's disease (HBI ≥ 8-9 or CDAI ≥ 300)

**CROHN'S DISEASE – Pathway 2: Immuno-modulators (page 4)**

**CROHN'S DISEASE – Pathway 3: High Cost Drugs (page 5)**

## MAINTAINING REMISSION

Discuss options of treatment and no treatment, including the risk of inflammatory exacerbations and side effects

### No treatment

- Agree follow-up plan and frequency
- Give advice on symptoms that may suggest a relapse and require medical attention e.g.
  - Unexplained weight loss
  - Abdominal pain
  - Diarrhoea
  - General ill-health
- Emphasise importance of not smoking

**After surgery** i.e. ileocolonic Crohn's disease with complete macroscopic resection and no residual disease:

- Consider **azathioprine with up to 3 months metronidazole**
- Consider **azathioprine alone** (if metronidazole not tolerated)

**Do not offer:** biologics or budesonide

If residual active disease (see 'Inducing remission' above)

### Immuno-modulator treatment

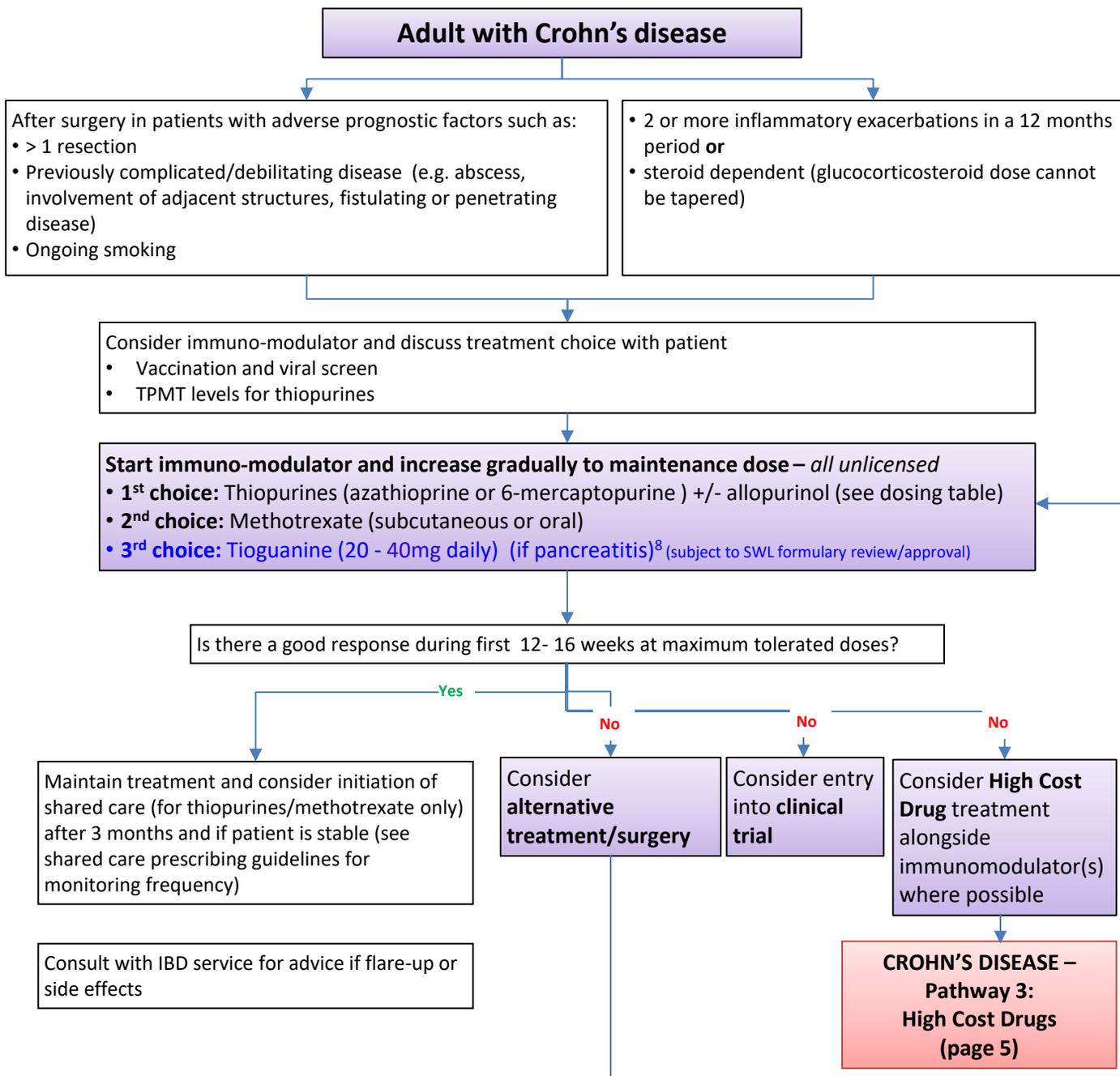
**Do not offer:** conventional glucocorticosteroids or budesonide

**CROHN'S DISEASE – Pathway 2: Immuno-modulators (page 4)**

**Monitoring:** Offer colonoscopic surveillance according to NICE Clinical Guideline CG118<sup>6</sup>. Assess the risk of fragility fractures according to NICE Clinical Guideline CG146<sup>7</sup> (adults).

# SWL IBD Pathway CROHN'S DISEASE - Pathway 2: Immuno-modulators

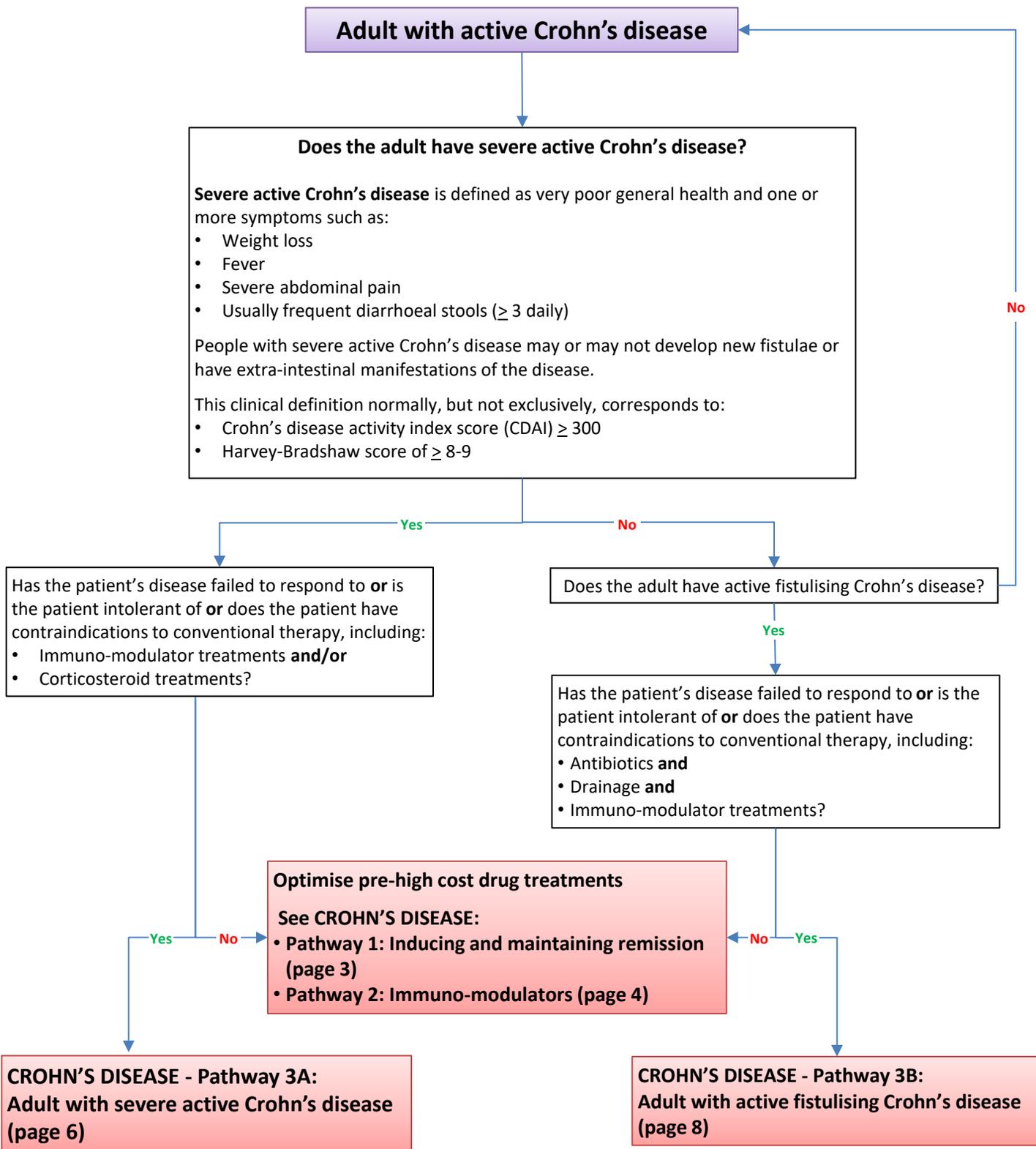
Version 5.5 (References: 5, 8, 9, 10, 11, 12, 13 with local agreements)



Dosing table [ref 8,9,10,11,12]	TPMT normal activity (wild type)	TPMT intermediate activity (heterozygous)	TPMT low to no activity (homozygous)
<b>Azathioprine (AZA)</b>	100% dose [2.0 - 2.5 mg/kg] <sup>8,9,11</sup>	50% dose <sup>8,9,11</sup> [ 1.0 - 1.25 mg/kg]	Not recommended <sup>12</sup>
<b>Low dose azathioprine + allopurinol</b> (100mg daily)	Initially 25% <sup>8,12</sup> of monotherapy dose [0.50 - 0.625mg/kg] Up to 50% <sup>11</sup> of monotherapy dose [1.0 - 1.25mg/kg]	Initially 25% <sup>8,12</sup> of monotherapy dose [0.25 - 0.313mg/kg] Up to 50% <sup>8</sup> of monotherapy dose [0.5 - 0.625mg/kg]	Not recommended <sup>12</sup>
<b>6-mercaptopurine</b> (half of AZA dose)	100% dose [1.0 - 1.5 mg/kg] <sup>8,9,11</sup>	50% dose <sup>11</sup> [0.5 - 0.75mg/kg]	Not recommended <sup>12</sup>
<b>Low dose 6-mercaptopurine + allopurinol</b> (100mg daily)	Initially 25% <sup>8,12</sup> of monotherapy dose [0.25 - 0.375mg/kg] Up to 50% <sup>11</sup> of monotherapy dose [0.5 - 0.75mg/kg]	Initially 25% <sup>8,12</sup> of monotherapy dose [0.125 - 0.188mg/kg] Up to 50% <sup>11</sup> of monotherapy dose [0.25 - 0.375mg/kg]	Not recommended <sup>12</sup>

# SWL IBD Pathway- CROHN'S DISEASE - Pathway 3: High Cost Drugs

Version 5.5 (Reference: NICE<sup>14</sup> with local agreements)

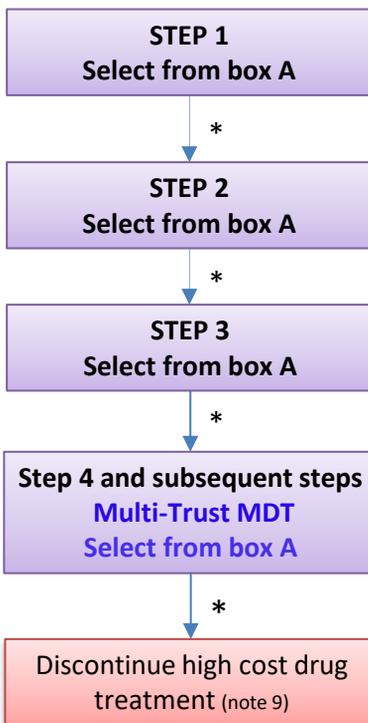


## Pathway 3A: Severe active Crohn's Disease

If there is more than one NICE approved treatment available, NICE recommends a discussion between the responsible clinician and the patient about the advantages and disadvantages of each treatment (considering therapeutic need and likely adherence to treatment).

**If more than one treatment option is suitable, the least expensive will be chosen** (taking into account administration costs, dosage and price per dose) unless an order of preference is stated in the NICE TAs. Drugs are listed in order of cost (including relevant administration costs, using list price or nationally (NICE) / locally (LPP) agreed contract prices).

Choose **ONE** option per step before moving onto the next step due to primary or secondary treatment failure. Select different drug class (see page 15) in each step (note 1,2,8)



Box A: All listed drugs are available in all steps (note 1,2,8)	
Adalimumab biosimilar (TA187) (note 3 & note 5)	£
Ustekinumab biosimilar (TA456) Infliximab biosimilar SC/IV (TA187) (note 3 & note 5) Upadacitinib (TA905) (only if TNF-inhibitors are contraindicated) (note 2 & note 5)	££
Mirikizumab (TA1080) (only if TNF-inhibitors not suitable) (note 2)	£££
Risankizumab (TA888) (only if TNF-inhibitors not suitable) (note 2) Guselkumab (TA1095) (only if TNF-inhibitors not suitable or already tried) (note 2) Vedolizumab SC/IV (TA352) (only if TNF-inhibitors are contraindicated or not tolerated) (note 2 & note 5)	££££

**\*AFTER EACH STEP:** At any point **before 12 months** of treatment has passed, has treatment failed? (including the need for surgery) (note 3,4,5,7). IF

- **Yes** – Move to next step
- **No** – Maintain treatment and reassess at **12 monthly intervals** after start of treatment (note 4,6) for evidence of on-going active disease.
  - **If evidence of on-going active disease**, maintain treatment and reassess at least every 12 months (note 3,4,5,6,7). If appropriate move to next step in treatment pathway if response is lost at any point during therapy.
  - **If no evidence of on-going active disease and patient is not in stable clinical remission**, maintain treatment and reassess at least every 12 months (note 3,4,5,6,7). If appropriate move to next step in treatment pathway if response is lost at any point during therapy.
  - **If no evidence of on-going active disease and patient is in stable clinical remission**, discuss the risks and benefits of continued treatment and whether a trial withdrawal is considered appropriate. If deemed appropriate, consider trial withdrawal and restart treatment if patient relapses after treatment is stopped

## Pathway 3A: Severe active Crohn's Disease - Notes

**Note 1- Adverse event or new contra-indication:** Consider alternative from the same step (using the same or different drug class) (in steps 1, 2 and 3 only) if treatment is stopped due to an adverse event or new contra-indication **AND**:

- patient was responding to the drug **OR**
- response was not yet assessed i.e. before 12 (adalimumab), 6 (infliximab), 14 (vedolizumab) or 16 (ustekinumab) weeks of initiating treatment.

**Note 2- Contraindications and cautions:** see page 15.

**Note 3- Primary / secondary treatment failure with adalimumab or infliximab:** An alternative TNF-alpha inhibitor may be chosen from the same step (in steps 1,2 and 3 only), if considered clinically appropriate. **This is restricted to ONE switch within the TNF-alpha inhibitor class.**

**Note 4- Treatment response:** At 12 weeks (adalimumab), 6 weeks (infliximab), 14 weeks (vedolizumab), 16 weeks (ustekinumab), 24 weeks (upadacitinib), clinician's discretion (risankizumab), 24 weeks (mirikizumab) after the start of treatment and at least at 12 monthly intervals thereafter, assess disease to determine if response is adequate and if ongoing treatment is still appropriate. Treatment should only be continued if there is clear evidence of response to drug treatment defined by a decrease in Harvey-Bradshaw Index by  $\geq 3$  points or CDAI by  $\geq 70$  points.

**Note 5- Temporary dose escalation for patients with secondary treatment failure as follows:**

- Adalimumab biosimilar: 40mg / week for 3 months or 80mg / 2 weeks for 3 months. Dose escalation for adalimumab originator (Humira<sup>®</sup>) must be agreed through SWL multi-Trust MDT.
- Infliximab biosimilar: 5mg/kg / 4-6 weeks for 3 doses or 10mg/kg / 8 weeks for 3 doses
- Ustekinumab: 90mg / 8 weeks for 4 months
- Vedolizumab: 300mg / 4 weeks for 3 months, **ONLY if no alternative drug options exist and agreed through SWL multi-Trust MDT. Dose escalation is not commissioned if alternative drug options can be used.**

For details and subsequent dose escalation requests see page 17.

**Note 6- Disease reassessment:** At 12 months after the start of treatment, reassess disease to determine whether ongoing treatment is clinically appropriate. Only continue treatment if there is clear evidence of ongoing active disease determined by:

- Clinical symptoms **and**
- Biological markers **and**
- Investigation, including endoscopy if necessary

**Note 7- Drug levels and anti-drug antibodies:** Consider where possible at clinician's discretion when considering switching drug within anti-TNF class or between classes.

**Note 8- Immunomodulators:** Optimise use before/ alongside biologics where possible.

**Note 9- IFR:** Requests for treatment outside this commissioned pathway can be made via the Individual Funding Request (IFR) process (see <https://swlimo.southwestlondon.icb.nhs.uk/> for IFR policy and application form).

Clinicians and commissioners should refer to the relevant NICE TA and SPC for each drug for further information about their eligibility and prescription.

## Pathway 3B: Active fistulising Crohn's Disease

**Note 4- Treatment response:** At 6 weeks (infliximab) after the start of treatment and at least at 12 monthly intervals thereafter, assess disease to determine if response is adequate and if ongoing treatment is still appropriate. Treatment should only be continued if there is clear evidence of response to biologic treatment defined by a decrease in Harvey-Bradshaw Index by  $\geq 3$  points or CDAL by  $\geq 70$  points.

**Note 5- Temporary dose escalation:**  
 • Infliximab: 5mg/kg every 4-6 weeks for 3 doses or 10mg/kg every 8 weeks for 3 doses  
 For details and subsequent dose escalation requests see page 17.

**Note 6- Disease reassessment:** At 12 months after the start of treatment, reassess disease to determine whether ongoing treatment is clinically appropriate. Only continue treatment if there is clear evidence of ongoing active disease determined by:

- Clinical symptoms **and**
- Biological markers **and**
- Investigation, including endoscopy if necessary.

**Note 8- Immunomodulators:** Optimise use before/ alongside biologics where possible.

**Note 9- IFR:** Requests for treatment outside this commissioned pathway can be made via the Individual Funding Request (IFR) process to the relevant commissioning organisation (see <https://swlmo.southwestlondon.icb.nhs.uk/> for IFR policy and application form).

**Step 1: Use infliximab biosimilar as a planned course of treatment (TA187)**

At any point **before 12 months** of treatment has passed, has treatment failed (including the need for surgery)? (note 4,5,8)

Yes

No

Discontinue high cost drug treatment (note 9)

At 12 months after the start of treatment, reassess the disease (note 4,6). Is there evidence of ongoing active disease?

Yes

No

Is the patient in stable clinical remission?

Yes

No

Discuss the risks and benefits of continued treatment. Is a trial withdrawal considered appropriate?

Yes

No

Maintain treatment and reassess patient at least every 12 months (note 4,5, 6)

Trial withdrawal from biologic drug used. Restart treatment if patient relapses after treatment is stopped

# SWL IBD Pathway **ULCERATIVE COLITIS - Pathway 1: Inducing and maintaining remission**

Version 5.5 (Reference: NICE Guideline NG130<sup>15</sup> with local agreements)

**Advice:** Discuss the condition, associated symptoms, treatment options and monitoring with the patient and/or their parent or carer  
Give advice on nature, frequency and severity of side effects of treatment and colorectal cancer risk

## INDUCING REMISSION

**Mild to moderate ulcerative colitis**  
For patients with a mild to moderate first presentation or inflammatory exacerbation

**Acute severe ulcerative colitis**

### Proctosigmoiditis or left-sided ulcerative colitis:

- Topical aminosalicylate
- If remission not achieved within 4 weeks:
- add oral aminosalicylate (high dose) **or**
  - switch to oral aminosalicylate (high dose) + topical corticosteroid (time limited)
- If further treatment needed:
- Stop topical treatments and offer oral aminosalicylate + oral corticosteroid (time limited **e.g. prednisolone 40mg OD for 8 weeks**)
- If patient declines topical treatments:
- High dose oral aminosalicylate alone (not as effective as topical aminosalicylate)
  - Add time limited course of oral corticosteroid (if remission not achieved within 4 weeks)
- If patient cannot tolerate aminosalicylates:
- Topical or oral corticosteroid (time limited course)

### Extensive disease:

- Topical aminosalicylate + high-dose oral aminosalicylate
- If remission not achieved within 4 weeks:
- Switch to high dose oral aminosalicylate + oral corticosteroid (time limited)
- If patient cannot tolerate aminosalicylates:
- Oral corticosteroid (time limited course)

### Proctitis:

- Topical aminosalicylate
- If remission not achieved within 4 weeks:
- Add oral aminosalicylate
- If further treatment needed:
- Add topical or oral corticosteroid (time limited course **e.g. prednisolone 40mg OD for 8 weeks**)
- If patient declines topical aminosalicylate:
- Oral aminosalicylate (not as effective as topical aminosalicylate)
- If remission not achieved within 4 weeks:
- Add topical or oral corticosteroid (time limited course **e.g. prednisolone 40mg OD for 8 weeks**)
- If patient cannot tolerate aminosalicylates:
- Topical or oral corticosteroid (time limited course **e.g. prednisolone 40mg OD for 8 weeks**)

If no improvement within 4 weeks of starting aminosalicylates or if symptoms worsen

Consider adding oral prednisolone (stop beclomethasone dipropionate)

If inadequate response after 2 - 4 weeks of oral prednisolone:

Admit to hospital for treatment by gastroenterologist and colorectal surgeon (and paediatrician or obstetrics & gynaecology, paediatrician team if necessary)

**Assess likelihood of needing surgery**

**ULCERATIVE COLITIS - Pathway 3: High Cost Drugs (page 11)**

**ULCERATIVE COLITIS - Pathway 2: Immuno-modulators (page 10)**

## MAINTAINING REMISSION

**Mild to moderate ulcerative colitis**

**Acute severe ulcerative colitis (single episode)**

### Proctitis or proctosigmoiditis:

- Topical aminosalicylate (daily or intermittent), with or without an oral aminosalicylate **or**
- Oral aminosalicylate alone (less effective)

### Left-sided or extensive ulcerative colitis:

- Oral aminosalicylate (give a low maintenance dose in adults)

For patients with  $\geq 2$  inflammatory exacerbations in a 12 months period requiring systemic corticosteroids or in whom remission is not maintained with aminosalicylates

Consider immuno-modulators

For patients who decline, cannot tolerate or have a contraindication to immuno-modulators:

- Consider oral aminosalicylate

**ULCERATIVE COLITIS - Pathway 2: Immuno-modulators (page 10)**

### Monitoring:

**Adults:** Offer colonoscopic surveillance according to NICE CG118<sup>6</sup>. Assess the risk of fragility fractures according to NICE CG146<sup>7</sup>.



## Adult with active ulcerative colitis

Does the adult have **moderately to severely active ulcerative colitis managed in outpatients** with no need for hospitalisation/surgery?

**Moderately to severely active ulcerative colitis** is usually managed in outpatients without requirement for hospitalisation/surgery and is defined by the following symptoms (Truelove & Witts)

- Bowel movements - 4 to 6
- Blood in stools – between mild and severe
- No pyrexia (temperature greater than 37.8C)
- Normal pulse rate ( $\leq 90$  bpm)
- Absence of anaemia
- ESR  $\leq 30$  mm/hr

This clinical definition corresponds to

- Mayo score  $\geq 6$
- Partial Mayo score  $\geq 4$

Yes

No

Has the adult responded inadequately or cannot tolerate or has medical contraindications to conventional therapies including:

- Corticosteroids **and**
- Immuno-modulators (e.g. 6-mercaptopurine, azathioprine)

Does the adult have an **acute exacerbation of severely active ulcerative colitis and is hospitalised?**

**Acute exacerbation of severely active ulcerative colitis**

requires hospitalisation and urgent consideration for surgery and is defined by the following symptoms (Truelove & Witts)

- Bowel movements  $\geq 6$  plus at least one of the features of systemic upset (marked with \*)
- Blood in stools – visible blood
- \*Pyrexia (temperature greater than 37.8C)
- \*Pulse  $> 90$  bpm
- \*Anaemia
- \*ESR  $> 30$  mm/hr

This clinical definition corresponds to:

- Mayo score  $\geq 9$
- Partial Mayo score  $\geq 6$

**Optimise pre-high cost drug treatments.**

**See ULCERATIVE COLITIS:**

- **Pathway 1: Inducing and maintaining remission (page 9)**
- **Pathway 2: Immuno-modulators (page 10)**

Yes

No

No

Yes

No

**ULCERATIVE COLITIS - Pathway 3A:**  
Adult with moderately to severely active ulcerative colitis (page 12)

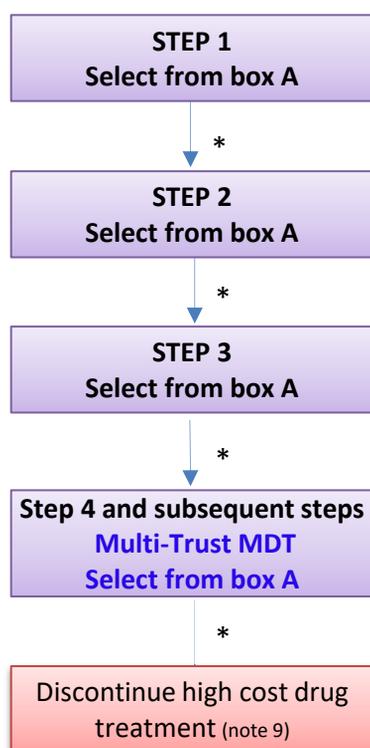
**ULCERATIVE COLITIS - Pathway 3B:**  
Adult with acute exacerbation of ulcerative colitis (page 14)

## Pathway 3A: Moderately to severely active ulcerative colitis managed in outpatients

If there is more than one NICE approved treatment available, NICE recommends a discussion between the responsible clinician and the patient about the advantages and disadvantages of each treatment (considering therapeutic need and likely adherence to treatment).

**If more than one treatment option is suitable, the least expensive will be chosen** (taking into account administration costs, dosage and price per dose) unless an order of preference is stated in the NICE TAs. Drugs are listed in order of cost (including relevant administration costs, using list price or nationally (NICE) / locally (LPP) agreed contract prices).

Choose **ONE** option per step before moving onto the next step due to primary or secondary treatment failure. Select different drug class (see page 15) in each step (note 1,2,8)



<b>Box A: All listed drugs are available in all steps (note 1,2,8)</b>	
Adalimumab <b>biosimilar</b> (TA329) (note 3) Etrasimod (TA956) Filgotinib (TA792)	£
Ozanimod (TA828) Ustekinumab <b>biosimilar</b> (TA633) (only if TNF-inhibitor not suitable or already tried) Infliximab <b>biosimilar SC/IV</b> (TA329) (note 3) Upadacitinib (TA856)	££
Tofacitinib (TA547) Golimumab (TA329) (if high BMI and > 80kg) Mirikizumab (TA925) (only if TNF-inhibitor not suitable or already tried)	£££
Guselkumab (TA1094) (only if TNF-inhibitor not suitable or already tried) Risankizumab (TA998) (only if TNF-inhibitor not suitable or already tried) Vedolizumab <b>SC/IV</b> (TA342)	££££

**\*AFTER EACH STEP:** At any point **before 12 months** of treatment has passed, has treatment failed? (including the need for surgery) (note 3,4,5,7). IF

- **Yes** – Move to next step
- **No** – Maintain treatment and reassess at **12 monthly intervals** after start of treatment (note 4,6) for evidence of on-going active disease.
  - **If evidence of on-going active disease**, maintain treatment and reassess at least every 12 months (note 3,4,5,6,7). If appropriate move to next step in treatment pathway if response is lost at any point during therapy.
  - **If no evidence of on-going active disease and patient is not in stable clinical remission**, maintain treatment and reassess at least every 12 months (note 3,4,5,6,7). If appropriate move to next step in treatment pathway if response is lost at any point during therapy.
  - **If no evidence of on-going active disease and patient is in stable clinical remission**, discuss the risks and benefits of continued treatment and whether a trial withdrawal is considered appropriate. If deemed appropriate, consider trial withdrawal and restart treatment if patient relapses after treatment is stopped

## Pathway 3A: Moderately to severely active ulcerative colitis managed in outpatients - Notes

**Note 1- Adverse event or new contra-indication:** Consider alternative from the same step (using the same or different drug class) (in steps 1, 2 and 3 only) if treatment is stopped due to an adverse event or new contra-indication **AND**:

- patient was responding to the drug **OR**
- response was not yet assessed i.e. before 8 (adalimumab), 14 (infliximab, golimumab), 16 (tofacitinib), 10 (vedolizumab) or 24 (risankizumab) weeks of initiating treatment.

**Note 2- Contraindications and cautions:** see page 15.

**Note 3- Primary / secondary treatment failure with adalimumab or infliximab:** An alternative TNF-alpha inhibitor may be chosen from the same step (in steps 1,2 and 3 only), if considered clinically appropriate. **This is restricted to ONE switch within the TNF-alpha inhibitor class.**

**Note 4- Treatment response:** At 8 weeks (adalimumab), 8 or 16 weeks (upadacitinib), 12 weeks (etrasimod), 14 weeks (infliximab, golimumab), 16 weeks (tofacitinib, ustekinumab), 10 weeks (vedolizumab, ozanimod), 10 or 22 weeks (filgotinib), 12 or 24 weeks (mirikizumab), 24 weeks (risankizumab), after the start of treatment and at least at 12 monthly intervals thereafter, reassess disease to determine if response is adequate to treatment and if ongoing treatment is still appropriate. Treatment should only be continued if there is clear evidence of response to biologic treatment defined by :

- a decrease in Full Mayo score by  $\geq 3$  points and  $\geq 30\%$  OR decrease in Partial Mayo score by  $\geq 2$  points and  $\geq 25\%$  AND
- a decrease in the rectal bleeding sub-score from baseline of  $\geq 1$  point OR the absolute rectal bleeding sub-score was 0 or 1.

**Note 5- Dose escalation for patients with secondary treatment failure as follows:**

- Adalimumab biosimilar: 40mg every week for 3 months or 80mg every 2 weeks for 3 months. Dose escalation for adalimumab originator (Humira<sup>®</sup>) must be agreed through SWL multi-Trust MDT.
- Golimumab: 100mg every 4 weeks (<80kg)
- Infliximab biosimilar: 5mg/kg / 4-6 weeks for 3 doses or 10mg/kg / 8 weeks for 3 doses (if low drug concentration <5mcg/ml or antibodies to infliximab)
- Tofacitinib: 10mg twice daily for 4 months
- Ustekinumab: 90mg / 8 weeks for 4 months
- Vedolizumab: 300mg every 4 weeks for 3 months, **ONLY** if no alternative drug options are considered appropriate by the clinician and agreed through SWL multi-Trust MDT. Dose escalation is not commissioned if alternative drug options can be used.

For details and subsequent dose escalation requests see page 17.

**Note 6- Disease reassessment:** At 12 months after the start of treatment, reassess disease to determine whether ongoing treatment is clinically appropriate. Only continue if there is clear evidence of ongoing active disease determined by:

- Clinical symptoms **and**
- Biological markers **and**
- Investigation, including endoscopy if necessary.

**Note 7- Drug levels and anti-drug antibodies:** Consider where possible at clinician's discretion when considering switching drug within anti-TNF class or between classes.

**Note 8- Immunomodulators:** Optimise use before/ alongside biologics where possible.

**Note 9- IFR:** Requests for treatment outside this commissioned pathway can be made via the Individual Funding Request (IFR) process (see <https://swlimo.southwestlondon.icb.nhs.uk/> for IFR policy and application form).

Clinicians and commissioners should refer to the relevant NICE TA and SPC for each drug for further information about their eligibility and prescription.

## Pathway 3B: Acute exacerbation of severely active ulcerative colitis with hospitalisation

**Acute exacerbation of severely active ulcerative colitis**  
 Severely active ulcerative colitis requires hospitalisation and urgent consideration for surgery and is defined by the following symptoms (Truelove & Witts)

- Bowel movements  $\geq 6$  plus at least one of the features of systemic upset (marked with \*)
- Blood in stools – visible blood
- \*Pyrexia (temperature greater than 37.8C)
- \*Pulse > 90 bpm
- \*Anaemia
- \*ESR > 30 mm/hr

This clinical definition corresponds to

- Mayo score  $\geq 9$
- Partial Mayo score  $\geq 6$

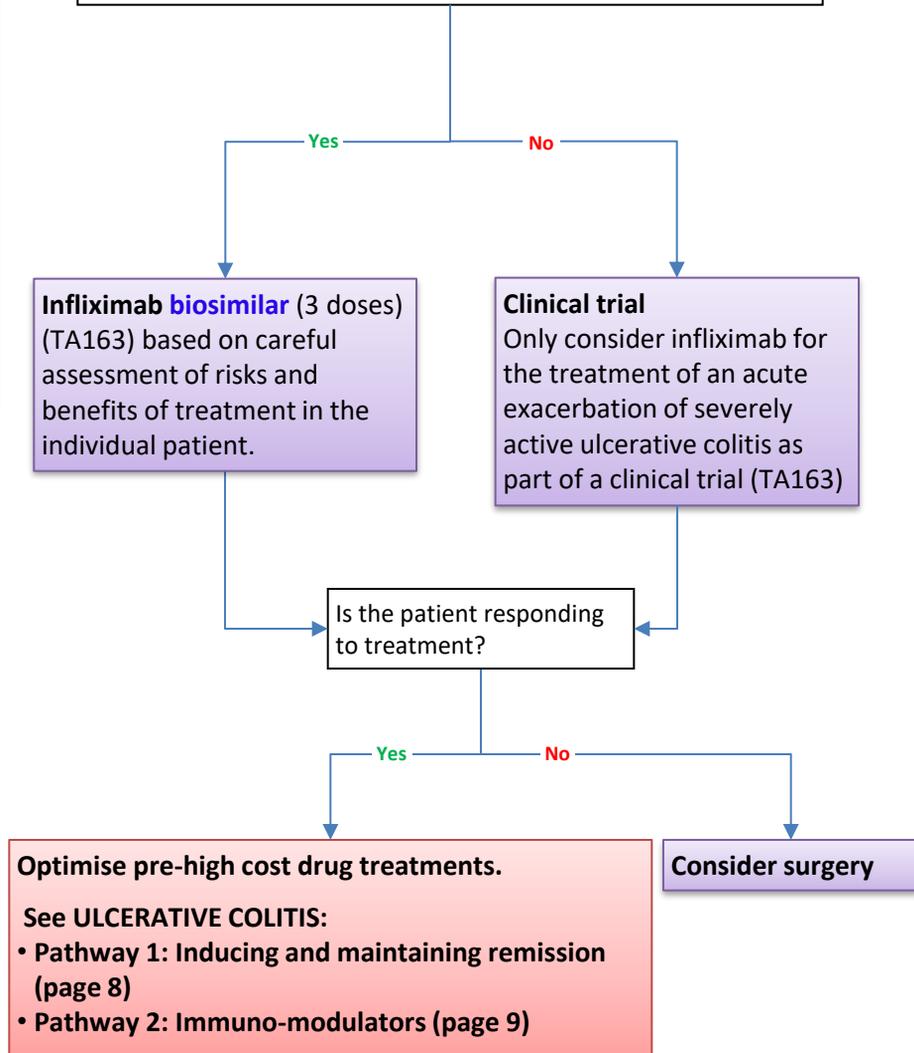
**Note 9- IFR:** Requests for treatment outside this commissioned pathway can be made via the Individual Funding Request (IFR) process (see <https://swlimo.southwestlondon.icb.nhs.uk/> for IFR policy and application form).

**Note 10- Contraindications to ciclosporin IV:**

- Hypersensitivity to the active substance or to any of the excipients listed in the Summary of Product Characteristics (SPC)
- Combination with products containing *hypericum perforatum*
- Combination with medicines that are substrates for the multidrug efflux transporter P-glycoprotein or the organic anion transporter proteins (OATP) and for which elevated plasma concentrations are associated with serious and/or life-threatening events, e.g. bosentan, dabigatran etexilate and aliskiren

**NOTE:** This information is not exhaustive. Please also consult the SPC for the respective drug prior to prescribing for up to date prescribing information, including detailed information on adverse effects, drug interactions, cautions and contraindications (available via [www.medicines.org.uk](http://www.medicines.org.uk)).

Has the patient received 72 hours of IV corticosteroids and urgent surgical intervention is being considered because of worsening symptoms  
**AND**  
 Is the patient contraindicated to ciclosporin or is ciclosporin considered to be clinically inappropriate? (note 9.10)



# SWL IBD Pathway High Cost Drug Contraindications and cautions Version 5.5

**NOTE:** The information in tables 1 is not exhaustive. Please also consult the Summary of Product Characteristics (SPC) for full information (available via [www.medicines.org.uk](http://www.medicines.org.uk)).

**Table 1: Contraindications and cautions** 18-23,26,28-32

Drug Class	Drug Name	Contra-indications	Cautions
Tumour necrosis factor (TNF) alpha inhibitors	Adalimumab biosimilar SC	<ul style="list-style-type: none"> <li>• Hypersensitivity to active substance or excipients</li> <li>• Active TB and other severe infections (sepsis, abscesses) and opportunistic infections</li> <li>• Moderate to severe heart failure (NYHA class III/IV)</li> </ul>	<ul style="list-style-type: none"> <li>• Infections (impaired lung function)</li> <li>• Hepatitis B reactivation</li> <li>• Demyelinating diseases</li> <li>• Malignancies – lymphomas</li> <li>• Non-melanoma skin cancer (history of prolonged immuno-modulator therapy, PUVA)</li> <li>• Mild heart failure (NYHA class I/II)</li> <li>• Autoimmune processes (Lupus)</li> <li>• Infusion-related reactions (infliximab only)</li> </ul>
	Infliximab IV/ SC		
	Golimumab SC		
Interleukin (IL) 12/23 inhibitor	Ustekinumab SC	<ul style="list-style-type: none"> <li>• Hypersensitivity to active substance or excipients</li> <li>• Active, severe infections (e.g. TB)</li> </ul>	<ul style="list-style-type: none"> <li>• Chronic infections or history of recurrent infections</li> <li>• More susceptible to serious infections (e.g. TB)</li> <li>• Malignancies increased risk</li> <li>• Hepatic enzyme elevation (mirikizumab, guselkumab)</li> <li>• Ustekinumab only: Non-melanoma skin cancer; Lupus-related conditions; &gt;65 years</li> </ul>
Interleukin (IL) 23 inhibitor	Risankizumab IV/SC		
	Mirikizumab SC		
	Guselkumab SC		
α4β7 integrin inhibitor	Vedolizumab IV/SC	<ul style="list-style-type: none"> <li>• Hypersensitivity to active substance or excipients</li> <li>• Active severe infections such as TB, sepsis, CMV, listeriosis, and opportunistic infections such as PML</li> </ul>	<ul style="list-style-type: none"> <li>• No identified systemic immunosuppressive activity but effects on systemic immune system function in patients with IBD not known</li> <li>• The risk of malignancy is increased in patients with ulcerative colitis and Crohn's disease. Immuno-modulatory medicinal products may increase the risk of malignancy</li> <li>• Malignancies not listed as side-effect</li> </ul>
JAK inhibitors	Tofacitinib PO	<ul style="list-style-type: none"> <li>• Hypersensitivity to active substance or excipients</li> <li>• Active TB, serious infections (e.g. sepsis) or opportunistic infections</li> <li>• Severe hepatic impairment (tofacitinib/upadacitinib)</li> <li>• Pregnancy and lactation</li> <li>• JAK inhibitors MHRA alert (see page 16)</li> </ul>	<ul style="list-style-type: none"> <li>• Serious infections and TB</li> <li>• Viral reactivation</li> <li>• DVT and PE</li> <li>• Malignancy and lymphoproliferative disorder</li> <li>• Non-melanoma skin cancer</li> <li>• Laboratory parameters (lymphocytes,neutrophils, haemoglobin,lipids)- see SPC for details</li> <li>• MACE</li> <li>• ≥ 65years</li> <li>Upadacitinib/tofacitinib: Liver enzymes; GI perforations; Hypersensitivity</li> <li>Tofacitinib only: Interstitial lung disease; RVT</li> </ul>
	Filgotinib PO		
	Upadacitinib PO		
Sphingosine 1-phosphate (S1P) receptor modulators	Ozanimod PO	<ul style="list-style-type: none"> <li>• Hypersensitivity to active substance or excipients</li> <li>• Immunodeficient state</li> <li>• Patients with MI, unstable angina, stroke, TIA, decompensated HF requiring hospitalisation or NYHA Class III/IV heart failure in last 6 months.</li> <li>• Patients with history or presence of second or third degree AV block</li> <li>• Severe active infections (e.g. hepatitis / TB)</li> <li>• Active malignancies</li> <li>• Severe hepatic impairment</li> <li>• Pregnancy/women of childbearing potential not using effective contraception</li> </ul>	<ul style="list-style-type: none"> <li>• Bradyarrhythmia</li> <li>• Elevated AST</li> <li>• Increased risk of opportunistic infections (e.g PML) and malignancies</li> <li>• Live vaccines</li> <li>• Cutaneous neoplasms</li> <li>• Macular oedema</li> <li>• Posterior reversible encephalopathy syndrome (PRES)</li> <li>• Hypertension</li> <li>• Severe respiratory disease, pulmonary fibrosis, COPD</li> <li>• Women of childbearing potential</li> </ul>
	Etrasimod PO		

# SWL IBD Pathway High Cost Drug

## JAK inhibitors and MHRA safety warnings Version 5.5

### SWL pathway relaxations for existing patients on JAK inhibitors who require a switch to an alternative drug due to MHRA safety warnings

#### Background

Janus Kinase (JAK) inhibitors include tofacitinib (Xeljanz<sup>®</sup>), upadacitinib (Rinvoq<sup>®</sup> ▼), and filgotinib (Jyseleca<sup>®</sup> ▼) which are locally commissioned and NICE approved for use in ulcerative colitis and Crohn's disease.

On 26 April 2023 the Medicines and Healthcare products Regulatory Agency (MHRA) issued updated safety advice to reduce risk of major adverse cardiovascular events, malignancy, venous thromboembolism (VTE), serious infections and increased mortality for all JAK inhibitors, in line with measures previously introduced for tofacitinib (Xeljanz<sup>®</sup>) in 2021, as follows:

JAK inhibitors **should not** be used in the following patients unless there are no suitable treatment alternatives:

- age 65 years of age and older
  - current or past smokers
  - other risk factors for cardiovascular disease or malignancy
- 
- JAK inhibitors should be used with caution in patients with risk factors for VTE other than those listed above
  - Where applicable, use lower doses in patients with risk factors (refer to Summary of Product Characteristics of each medicine for further detail)
  - Carry out periodic skin examinations in all patients on JAK inhibitor medicines to check for signs of skin malignancy
  - Inform patients of these risks and key signs and symptoms that could warrant urgent medical attention (i.e. new growths on skin or changes to moles (including itching, shape and discharge, which may not be as obvious on darker skin tones))
  - Report suspected adverse drug reactions associated with JAK inhibitors via the Yellow Card scheme

#### SWL agreement

Patients on JAK inhibitors may be switched to an alternative treatment option within the same treatment step in SWL pathways if the request to switch is in response to new MHRA safety advice for one of the following reasons:

- age is 65 years or older
- current or past long-time smoker
- other risk factors for cardiovascular disease or malignancy
- risk factors for VTE other than those listed above

This does not apply to patients with primary or secondary treatment failure. These patients should move to the next step in treatment pathways as per usual practice.

# SWL IBD Pathway High Cost Drugs

## Dose escalation strategy

Version 5.5 (References: 18, 19, 20, 21, 22, 23 with local agreements)

### SWL dose escalation agreement for patients with secondary treatment failure:

- (1) 1<sup>st</sup> course of temporary dose escalation as per table below [Blueteq application required for vedolizumab and adalimumab originator (Humira®)]
- (2) De-escalate to standard dose after 1<sup>st</sup> temporary escalation course
- (3) 2<sup>nd</sup> course of temporary dose escalation if relapse occurs after > 1 month as per table below [Blueteq application required for vedolizumab]
- (4) De-escalate to standard dose after 2<sup>nd</sup> temporary escalation course
- (5) Continuous (up to 1 year) dose escalation if rapid relapse occurs (< 1 month) or if relapse occurs after 2<sup>nd</sup> temporary course After 1 year, de-escalate to standard dose (if in remission) unless there is evidence for active residual disease and agreement following Trust MDT discussion. Participants must include gastroenterologists, colorectal surgeon, clinical nurse specialist, dietician, pharmacist, pathologist and radiologist with special interest in gastroenterology as per IBD standards, standard A1 and A2<sup>25</sup>\*)

\* Not applicable to vedolizumab

**NOTE:** Immunomodulators should be optimised alongside biologics where possible especially in patients who are not achieving remission/require dose escalation

Drug	Crohn's disease	Ulcerative colitis
<b>Adalimumab biosimilar</b> <sup>18</sup>  (Adalimumab (Humira®) dose escalation requires SWL multi-Trust MDT" approval <u>before</u> initiation).	40mg every week for 3 months or 80mg every 2 weeks for 3 months	40mg every week for 3 months or 80mg every 2 weeks for 3 months
<b>Infliximab biosimilar</b> <sup>19</sup>	5mg/kg every 6 weeks for 3 doses or 5mg/kg every 4 weeks for 3 doses or 10mg/kg every 8 weeks for 3 doses	If low drug concentrations (<5micrograms/ml) or antibodies to infliximab: 5mg/kg every 6 weeks for 3 doses or 5mg/kg every 4 weeks for 3 doses or 10mg/kg every 8 weeks for 3 doses (all dose escalation unlicensed; SWL local agreement)
<b>Golimumab</b> <sup>20</sup>		100mg every 4 weeks in patients <80kg (routinely commissioned)
<b>Ustekinumab</b> <sup>21</sup>	90mg every 8 weeks for 4 months	90mg every 8 weeks for 4 months
<b>Vedolizumab</b> <sup>22</sup>  (Use Blueteq dose escalation form)	300mg every 4 weeks for 3 months if no alternative drug options are considered appropriate by the clinician and agreed through SWL multi-Trust MDT.	300mg every 4 weeks for 3 months if no alternative drug options are considered appropriate by the clinician and agreed through SWL multi-Trust MDT.

## References:

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# SWL IBD Pathway - References

Version 5.4

## References:

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# SWL IBD Pathway – Version control

Version 5.4

Version number	Amendments made	Date of approval
0		26 May 2011
1.0	<p>Include approved recommendations from South West London Biologics Care Pathway Review for Inflammatory Bowel Disease (IBD) (8 Feb 2017):</p> <ul style="list-style-type: none"> <li>• Local agreement (Crohn’s disease) – allow use of alternative TNF-alpha inhibitor (adalimumab or infliximab) if appropriate (step 2)</li> <li>• Local agreement (ulcerative colitis) – allow use of alternative TNF-alpha inhibitor (adalimumab, infliximab or golimumab (if high BMI and &gt;100kg)) if appropriate (step 2)</li> </ul>	27 Feb 2017
2.0	<p>Include approved recommendations from SWL IBD network meeting (28 Jun 2017):</p> <ul style="list-style-type: none"> <li>• Preferred drug choices</li> <li>• Add existing agreements on dose escalation</li> <li>• Add contraindications and information on cancer risk</li> <li>• Improved pathway presentation</li> <li>• Crohn’s disease: <ul style="list-style-type: none"> <li>➢ Ustekinumab (NICE TA 456) in step 1 (only if anti-TNF contraindicated/not tolerated (local agreement)) and in step 3</li> <li>➢ New local agreement: vedolizumab step 4</li> <li>➢ Add dose escalation with ustekinumab in line with license and NICE TA</li> </ul> </li> </ul>	01 Nov 2017
2.1	<p>Amend note 1 to clarify that a discussion between the responsible clinician and the patient should take place about the advantages and disadvantages of each treatment (considering therapeutic need and likely adherence to treatment) and if more than one treatment option is suitable, the least expensive will be chosen (taking into account administration costs, dosage and price per dose) unless an order of preference is stated in the TAs.</p>	11 Jan 2018
3.0	<p>Include approved recommendations from SWL IBD network meeting (12 Jul 2018):</p> <ul style="list-style-type: none"> <li>• Change presentation to clarify that step 2 is an optional step and not mandated (local agreement)</li> <li>• Include note 7- reference to IFR process</li> <li>• Crohn’s disease: <ul style="list-style-type: none"> <li>➢ Change pathway presentation to clarify that TNF-alpha inhibitors are not currently commissioned after ustekinumab or vedolizumab</li> </ul> </li> <li>• Ulcerative colitis: <ul style="list-style-type: none"> <li>➢ Change pathway presentation to clarify that TNF-alpha inhibitors are not currently commissioned after use of vedolizumab</li> </ul> </li> </ul>	08 Oct 2018
4.0	<p>Include approved recommendations from SWL IBD network meeting (28 Feb 2019):</p> <ul style="list-style-type: none"> <li>• Integration of pathways into one SWL IBD pathway including: <ul style="list-style-type: none"> <li>➢ Presenting with symptoms</li> <li>➢ Inducing and maintaining remission</li> <li>➢ Name change from “Drug pathway” to “High cost drug pathway”</li> </ul> </li> <li>• Crohn’s disease: <ul style="list-style-type: none"> <li>➢ Remove the following statement for vedolizumab: “if unable to use SC alternative”</li> <li>➢ Include note 4 instead of “optional step 2”</li> <li>➢ Add adalimumab and infliximab biosimilar as 1<sup>st</sup> choice options in all steps</li> <li>➢ In the final step, add ustekinumab as an option</li> </ul> </li> <li>• Ulcerative colitis: <ul style="list-style-type: none"> <li>➢ Include tofacitinib in step 1, 2 and 3</li> <li>➢ Include all treatment option in step 1,2 and 3</li> <li>➢ Include note 4 instead of “optional step 2”</li> <li>➢ New dose escalation policy</li> </ul> </li> </ul>	04 Oct 2019
4.1	<p>Include recommendations from St George’s NHS Foundation Trust- Infliximab dose escalation (unlicensed) for Ulcerative Colitis (Dec 2019) following approval through SWL Trust Governance processes:</p> <p>Include infliximab dose escalation (5mg/kg every 6 weeks for 3 doses <b>or</b> 5mg/kg every 4 weeks for 3 doses <b>or</b> 10mg/kg every 8 weeks for 3 doses (unlicensed; SWL local agreement) in pathway 3A, note 6 and page 15 (dose escalation strategy) if low drug concentrations (&lt;5 micrograms/ml) or antibodies to infliximab</p>	26 Mar 2020

# SWL IBD Pathway – Version Control

Version 5.4

4.2	<p>Add Ustekinumab (NICE TA633) to Ulcerative Colitis pathway:</p> <ul style="list-style-type: none"> <li>• Insert ustekinumab- 3<sup>rd</sup> choice option to step 1, 2 and 3</li> <li>• Move vedolizumab from 3<sup>rd</sup> to 4<sup>th</sup> choice option.</li> <li>• Include ustekinumab dose escalation (90mg / 8 weeks for 4 months)</li> </ul>	9 Sept 2020
4.2	<ul style="list-style-type: none"> <li>• Add Filgotinib (NICE TA792) to Ulcerative Colitis Pathway</li> </ul>	20 July 2022
4.2	<ul style="list-style-type: none"> <li>• Add Ozanimod (NICE TA828) to Ulcerative Colitis Pathway</li> </ul>	21 Dec 2022
4.2	<ul style="list-style-type: none"> <li>• Add Upadacitinib (NICE TA856) to Ulcerative Colitis Pathway</li> </ul>	15 Mar 2023
4.2	<ul style="list-style-type: none"> <li>• Add Upadacitinib (NICE TA905) to Crohn’s Disease Pathway</li> </ul>	19 July 2023
4.2	<ul style="list-style-type: none"> <li>• Add Risankizumab (NICE TA888) to Crohn’s Disease Pathway</li> </ul>	20 Sept 2023
4.2.1	<ul style="list-style-type: none"> <li>• Add Mirikizumab (NICE TA925) to Ulcerative Colitis Pathway</li> </ul>	12 Dec 2023
4.2.2	<ul style="list-style-type: none"> <li>• Add Etrasimod (NICE TA956) to Ulcerative Colitis Pathway</li> </ul>	10 Apr 2024
5.0	<p>Pathway updated as follows:</p> <ul style="list-style-type: none"> <li>• Adalimumab biosimilar 1st choice and infliximab biosimilar 2nd choice</li> <li>• Include “Consider” trial withdrawal... as per NICE TA187, 456 and 352, which equally applies to all drugs including ustekinumab and tofacitinib</li> <li>• Include SC infliximab, SC vedolizumab and filgotinib (TA792)</li> <li>• Include SWL multi-Trust MDT process for 4th and 5th line treatment and 3 month vedolizumab dose escalation requests</li> <li>• Add JAK inhibitors and MHRA safety warnings</li> <li>• Update contraindications and cautions table</li> <li>• Reflect interleukin (IL) inhibitors as having different mechanism of action</li> <li>• Include addendums within pathway</li> <li>• Include new contraindication to note 1 for pathway 3A</li> <li>• Update dose escalation strategy to reflect Blueteq dose escalation forms required only for infliximab and vedolizumab (not adalimumab, tofacitinib and ustekinumab)</li> <li>• Add Risankizumab (NICE TA998) to Ulcerative Colitis Pathway</li> <li>• Improved pathway format</li> </ul>	18 Sept 2024
5.1	<ul style="list-style-type: none"> <li>• Update cost order of drugs for Crohn’s disease pathway (page 6, Box A and Box B) and Ulcerative Colitis Pathway (page 12, Box A) to reflect availability of ustekinumab biosimilars.</li> <li>• References (page 18) updated.</li> </ul>	29 Jan 2025
5.2	<ul style="list-style-type: none"> <li>• Remove requirement to complete any infliximab dose escalation Blueteq forms. However, infliximab dose escalation should still be undertaken in line with the SWL IBD dose escalation strategy.</li> </ul>	21 May 2025
5.3	<ul style="list-style-type: none"> <li>• Add mirikizumab (NICE TA1080) to Crohn’s Disease Pathway</li> </ul>	06 Aug 2025
5.4	<ul style="list-style-type: none"> <li>• Update dose escalation strategy to reflect adalimumab (Humira®) dose escalation requires SWL MDT approval before initiation (local agreement). This is not required for adalimumab biosimilar (as per version 5.0).</li> <li>• Clarify dose escalation applies to infliximab biosimilar only</li> <li>• Add guselkumab (NICE TA1094) to Ulcerative Colitis Pathway</li> <li>• Add guselkumab (NICE TA1095) to Crohn’s Disease Pathway</li> <li>• Merge Box A and Box B into a single box, as they display the same information and don’t need to be shown separately (page 6).</li> </ul>	15 Oct 2025
5.5	<ul style="list-style-type: none"> <li>• Remove mesalazine from Pathway 1: Inducing and maintaining remission</li> <li>• Added ‘note 5’ to drugs in box A that can be dose escalated</li> <li>• Prince change of Ozanimod reflected in box A on Ulcerative Colitis Pathway</li> <li>• Update SPCs</li> </ul>	04 Dec 2025

Date of next review: Jan 2027 (or earlier if indicated)