

Ustekinumab:

**Imuldosa®; Otulfi™; Pyzchiva®; Selarsdi™; Starjemza™;
 Stelara®; Steqeyma®; Ustekinumab[§]; Ustekinumab-aaaz[§];
 Ustekinumab-aekn[§]; Ustekinumab-stba[§]; Ustekinumab-ttwe[§];
 Wezlana™; Yesintek™
 (Intravenous/Subcutaneous)**

Document Number: OHSU HEALTHSERVICES-0117

Last Review Date: 09/04/2025

Date of Origin: 02/15/2011

Dates Reviewed: 03/2011, 06/2011, 09/2011, 12/2011, 03/2012, 06/2012, 09/2012, 03/2013, 06/2013, 09/2013, 11/2013, 12/2013, 03/2014, 06/2014, 09/2014, 12/2014, 03/2015, 06/2015, 09/2015, 12/2015, 03/2016, 06/2016, 9/2016, 10/2016, 11/2016, 03/2017, 06/2017, 09/2017, 10/2017, 03/2018, 06/2018, 10/2018, 10/2019, 12/2019, 07/2020, 08/2020, 10/2021, 04/2022, 06/2022, 09/2022, 08/2023, 10/2023, 12/2023, 06/2024, 08/2024, 10/2024, 11/2024, 01/2025, 02/2025, 03/2025, 04/2025, 05/2025, 07/2025, 08/2025, 09/2025

I. Length of Authorization ^{1-9,44-52}

- Initial: Prior authorization validity will be provided initially for 6 months, unless otherwise specified.
 - Crohn’s Disease and Ulcerative Colitis: Prior authorization validity will be provided initially for 8 weeks.
 - Immune Checkpoint Inhibitor-Related Toxicities: Prior authorization validity will be provided initially for a one-time intravenous induction dose plus up to 3 subcutaneous maintenance doses.
- Renewal: Prior authorization validity may be renewed annually thereafter, unless otherwise specified.
 - Dose escalation requests for Crohn’s Disease and Ulcerative Colitis: Prior authorization validity will be provided for 3 months with continued renewal annually thereafter (See *Section V for continuation details*).
 - Immune Checkpoint Inhibitor-Related Toxicities: Prior authorization validity may not be renewed.

II. Dosing Limits

Max Units (per dose and over time) [HCPSC Unit]:

| Indication | Max Units |
|--|--|
| Plaque Psoriasis & Psoriatic Arthritis with co-existent moderate-severe Plaque Psoriasis | <u>Subcutaneous Loading:</u> <ul style="list-style-type: none"> 90 billable units (90 mg) at weeks 0 & 4; maintenance dosing 12 weeks later <u>Subcutaneous Maintenance:</u> <ul style="list-style-type: none"> 90 billable units (90 mg) every 12 weeks |
| Psoriatic Arthritis | <u>Subcutaneous Loading:</u> <ul style="list-style-type: none"> 45 billable units (45mg) at weeks 0 & 4; maintenance dosing 12 weeks later <u>Subcutaneous Maintenance:</u> <ul style="list-style-type: none"> 45 billable units (45 mg) every 12 weeks |
| Crohn's Disease & Ulcerative Colitis | <u>Intravenous Induction:</u> <ul style="list-style-type: none"> 520 billable units (520 mg) x 1 dose <u>Subcutaneous Maintenance:</u> <ul style="list-style-type: none"> 90 billable units (90 mg) 8 weeks after induction & every 8 weeks thereafter |
| Immune Checkpoint Inhibitor-Related Toxicities | <u>Intravenous Induction:</u> <ul style="list-style-type: none"> 520 billable units (520 mg) x 1 dose <u>Subcutaneous Maintenance:</u> <ul style="list-style-type: none"> 90 billable units (90 mg) 8 weeks after induction & every 8 weeks thereafter x 3 doses |

III. Initial Approval Criteria ¹⁻⁹

Self-administered injectable medications are not covered when supplied in a provider's office, clinic or facility.

Prior authorization validity is provided in the following conditions:

- Patient is at least 18 years of age (unless otherwise specified); **AND**
- Patient is up to date with all age-appropriate vaccinations, in accordance with current vaccination guidelines, prior to initiating therapy; **AND**

Universal Criteria

- **Selarsdi (ustekinumab-aekn), Yesintek (ustekinumab-kfce), and Steqeyma (ustekinumab-stba) are the preferred ustekinumab products.** If the request is for any other ustekinumab biosimilar, patient must try and have an inadequate response, contraindication, or intolerance to Selarsdi, Yesintek, AND Steqeyma. If the request is for Stelara, patient must try and have an inadequate response, contraindication, or intolerance to ALL ustekinumab biosimilar products; **AND**
- Patient has been evaluated and screened for the presence of latent tuberculosis (TB) infection prior to initiating treatment and will receive ongoing monitoring for presence of TB during treatment; **AND**
- Patient does not have an active infection, including clinically important localized infections; **AND**

- Patient will not receive live vaccines during therapy; **AND**
- Patient is not on concurrent treatment with another biologic therapy or targeted synthetic therapy; **AND**

Plaque Psoriasis (PsO) † 1-9,38,53-57

- Patient is at least 6 years of age; **AND**
- Physician has assessed baseline disease severity utilizing an objective measure/tool; **AND**
- Documented moderate to severe plaque psoriasis for at least 6 months with at least one of the following:
 - Involvement of at least 3% of body surface area (BSA); **OR**
 - Psoriasis Area and Severity Index (PASI) score of 10 or greater; **OR**
 - Incapacitation or serious emotional consequences due to plaque location (e.g., hands, feet, head and neck, genitalia, etc.) or with intractable pruritis; **AND**
- Patient meets ALL of the following ✕:
 - Patient did not respond adequately (or is not a candidate) to a 4-week minimum trial of topical agents (i.e., anthralin, coal tar preparations, corticosteroids, emollients, immunosuppressives, keratolytics, roflumilast, retinoic acid derivatives, and/or vitamin D analogues); **AND**
 - Patient did not respond adequately (or is not a candidate) to a 3-month minimum trial of at least ONE non-biologic systemic agent (i.e., immunosuppressives, retinoic acid derivatives, and/or methotrexate); **AND**
 - Patient did not respond adequately (or is not a candidate***) to a 3-month minimum trial of phototherapy (i.e., psoralens with UVA light [PUVA] or UVB with coal tar or dithranol)

✕ *Note: For patients already established on biologic therapy, targeted synthetic therapy, or those with > 10% BSA involvement, trial and failure of topical agents, non-biologic systemic agents, and phototherapy is not required.*

Adult Psoriatic Arthritis (PsA) † 1-9,17,58,68

- Physician has assessed baseline disease severity utilizing an objective measure/tool; **AND**
- Documented moderate to severe active disease; **AND**
 - For patients with predominantly axial disease OR enthesitis, a failure of at least a 4-week trial of ONE non-steroidal anti-inflammatory drug (NSAID), unless use is contraindicated; **OR**
 - For patients with peripheral arthritis OR dactylitis, a failure of at least a 3-month trial of ONE conventional synthetic disease-modifying anti-rheumatic drug (csDMARD) (e.g., methotrexate, azathioprine, sulfasalazine, leflunomide, hydroxychloroquine, etc.); **OR**
 - Patient is already established on biologic or targeted synthetic therapy for the treatment of PsA

Juvenile Psoriatic Arthritis (JPsA) † 1-9,59,60

- Patient is at least 6 years of age; **AND**
- Physician has assessed baseline disease severity utilizing an objective measure/tool; **AND**
- Documented moderate to severe active polyarticular disease; **AND**
- May be used as a single agent or in combination with methotrexate; **AND**
 - Patient has had at least a 1-month trial and failure (unless contraindicated or intolerant) of previous therapy with either oral non-steroidal anti-inflammatory drugs (NSAIDs) OR conventional synthetic disease-modifying anti-rheumatic drugs (csDMARDs) (e.g., methotrexate, leflunomide, sulfasalazine, etc.); **OR**
 - Patient is already established on biologic or targeted synthetic therapy for the treatment of JPsA

Crohn's Disease † 1-9,26,32,70,73

- Physician has assessed baseline disease severity utilizing an objective measure/tool; **AND**
- Documented moderate to severe active disease; **AND**
 - Documented failure, contraindication, or ineffective response at maximum tolerated doses to a minimum (3) month trial of corticosteroids or immunomodulators (e.g., azathioprine, 6-mercaptopurine, or methotrexate); **OR**
 - Documented failure, contraindication, or ineffective response at maximum tolerated doses to a minimum (3) month trial of a TNF modifier (e.g., adalimumab, certolizumab, or infliximab); **OR**
 - Patient has evidence of high-risk disease for which corticosteroids or immunomodulators are inadequate and biologic therapy is necessary; **OR**
 - Patient is already established on biologic or targeted synthetic therapy for the treatment of CD

Ulcerative Colitis † 1-9,27,65,74

- Physician has assessed baseline disease severity utilizing an objective measure/tool; **AND**
- Documented moderate to severe active disease; **AND**
 - Documented failure or ineffective response to a minimum 3-month trial of conventional therapy [aminosalicylates, corticosteroids or immunomodulators (e.g., azathioprine, 6-mercaptopurine, methotrexate, etc.) at maximum tolerated doses, unless there is a contraindication or intolerance to use; **OR**
 - Documented failure, contraindication, or ineffective response at maximum tolerated doses to a minimum 3-month trial of a TNF modifier such as adalimumab, golimumab, or infliximab; **OR**

- Patient is already established on a biologic or targeted synthetic therapy for the treatment of UC

Management of Immune Checkpoint Inhibitor-Related Toxicities ‡^{43,44}

- Patient has been receiving therapy with an immune checkpoint inhibitor; **AND**
 - Patient has diarrhea or colitis that is refractory to infliximab and/or vedolizumab; **AND**
 - Patient has mild (G1) diarrhea or colitis with persistent or progressive symptoms and is lactoferrin/calprotectin positive; **OR**
 - Patient has moderate (G2) to severe (G3-4) diarrhea or colitis

***Examples of contraindications to phototherapy (PUVA or UVB) include the following: ^{39,40,57}

- Xeroderma pigmentosum
- Other rare photosensitive genodermatoses (e.g., trichothiodystrophy, Cockayne syndrome, Bloom syndrome, Rothmund-Thomson syndrome) (*UVB only*)
- Genetic disorders associated with increased risk of skin cancer (e.g., Gorlin syndrome, oculocutaneous albinism) (*UVB only*)
- Pregnancy or lactation (*PUVA only*)
- Lupus Erythematosus
- History of one of the following: photosensitivity diseases (e.g., chronic actinic dermatitis, solar urticaria), melanoma, non-melanoma skin cancer, extensive solar damage (*PUVA only*), or treatment with arsenic or ionizing radiation
- Immunosuppression in an organ transplant patient (*UVB only*)
- Photosensitizing medications (*PUVA only*)
- Severe liver, renal, or cardiac disease (*PUVA only*)
- Young age < 12 years old (*PUVA only*)
- Anatomical location has been deemed ineligible for phototherapy (i.e., face, genital, scalp, or nail)

Note: Patients who do not have access to phototherapy will be reviewed on a case-by-case basis

† FDA Approved Indication(s); ‡ Compendia Recommended Indication(s); Φ Orphan Drug

IV. Renewal Criteria ¹⁻⁹

Prior authorization validity may be renewed based upon the following criteria:

- **Selarsdi (ustekinumab-aekn), Yesintek (ustekinumab-kfce), and Steqeyma (ustekinumab-stba) are the preferred ustekinumab products.** If the request is for any other ustekinumab biosimilar, patient must try and have an inadequate response, contraindication, or intolerance to Selarsdi, Yesintek, AND Steqeyma. If the request is for Stelara, patient must try and have an inadequate response, contraindication, or intolerance to ALL ustekinumab biosimilar products; **AND**
- Patient continues to meet the universal and other indication-specific relevant criteria identified in section III; **AND**
- Duration of authorization has not been exceeded (*refer to Section I*); **AND**

- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include: serious infections, malignancy, severe hypersensitivity reactions, posterior reversible encephalopathy syndrome (PRES) or reversible posterior leukoencephalopathy syndrome (RPLS), non-infectious pneumonia, etc.; **AND**

Plaque Psoriasis (PsO) ^{53,57,61,66,67}

- Disease response as indicated by improvement in signs and symptoms compared to baseline such as redness, thickness, scaliness, and/or the amount of surface area involvement (a total BSA involvement $\leq 1\%$), and/or an improvement on a disease activity scoring tool [e.g., Psoriasis Area and Severity Index (PASI) score ≤ 3 , physician's global assessment (PGA) score ≤ 1 , etc.].

Adult Psoriatic Arthritis (PsA) ^{23,62,69}

- Disease response as indicated by improvement in signs and symptoms compared to baseline such as the number of tender and swollen joint counts, reduction of C-reactive protein, improvement of patient global assessment, improvement on imaging (X-ray, ultrasound, or MRI), and/or an improvement on a disease activity scoring tool.

Juvenile Psoriatic Arthritis (JPsA) ^{63,64,69}

- Disease response as indicated by improvement in signs and symptoms compared to baseline such as the number of tender and swollen joint counts, reduction of C-reactive protein, improvement of patient global assessment, improvement on imaging (X-ray, ultrasound, or MRI), and/or an improvement on a disease activity scoring tool [e.g. an improvement on a composite scoring index such as Juvenile Arthritis Disease Activity Score (JADAS) or the American College of Rheumatology (ACR) Pediatric (ACR-Pedi 30) of at least 30% improvement from baseline in three of six variables].

Crohn's Disease ^{42,71,72}

- Disease response as indicated by improvement in signs and symptoms compared to baseline such as endoscopic activity, number of liquid stools, presence and severity of abdominal pain, presence of abdominal mass, body weight regain, hematocrit, presence of extra-intestinal complications, use of anti-diarrheal drugs, tapering or discontinuation of corticosteroid therapy, improvement in biomarker levels [i.e., fecal calprotectin or serum C-reactive protein (CRP)], and/or an improvement on a disease activity scoring tool (e.g., Harvey-Bradshaw Index score, etc.).

Ulcerative Colitis ^{27-31,75}

- Disease response as indicated by improvement in signs and symptoms compared to baseline such as stool frequency, rectal bleeding, endoscopic activity, tapering or discontinuation of corticosteroid therapy, normalization of C-reactive protein (CRP) or fecal calprotectin (FC), and/or an improvement on a disease activity scoring tool.

V. Dosage/Administration ^{1-9,43-52}

| Indication | Dose |
|---------------------|--|
| Plaque Psoriasis | <u>Adult Subcutaneous Loading Dose:</u> <ul style="list-style-type: none"> • ≤100 kg: 45 mg at weeks 0 & 4, then begin maintenance dosing 12 weeks later • >100 kg: 90 mg at weeks 0 & 4, then begin maintenance dosing 12 weeks later <u>Adult Subcutaneous Maintenance Dose:</u> <ul style="list-style-type: none"> • ≤100 kg: 45 mg every 12 weeks • >100 kg: 90 mg every 12 weeks |
| | <u>Pediatric Subcutaneous Loading Dose:</u> <ul style="list-style-type: none"> • <60 kg: 0.75 mg/kg at weeks 0 & 4, then begin maintenance dosing 12 weeks later (NOTE: This dosing ONLY applies to Pyzchiva, Stelara/Ustekinumab, Wezlana, Selarsdi/Ustekinumab-aekn, Otulfi/Ustekinumab-aauz, Starjemza, Steqeyma, and Yesintek) • 60 – 100 kg: 45 mg at weeks 0 & 4, then begin maintenance dosing 12 weeks later • >100 kg: 90 mg at weeks 0 & 4, then begin maintenance dosing 12 weeks later <u>Pediatric Subcutaneous Maintenance Dose:</u> <ul style="list-style-type: none"> • <60 kg: 0.75 mg/kg every 12 weeks (NOTE: This dosing ONLY applies to Pyzchiva, Stelara/Ustekinumab, Wezlana, Selarsdi/Ustekinumab-aekn, Otulfi/Ustekinumab-aauz, Starjemza, Steqeyma, and Yesintek) • 60 – 100 kg: 45 mg every 12 weeks • >100 kg: 90 mg every 12 weeks |
| Psoriatic Arthritis | <u>Adult Subcutaneous Loading Dose:</u> <ul style="list-style-type: none"> • 45 mg at weeks 0 & 4, then begin maintenance dosing 12 weeks later • Co-existing moderate to severe plaque psoriasis AND weighing >100 kg: 90 mg at weeks 0 & 4, then begin maintenance dosing 12 weeks later <u>Adult Subcutaneous Maintenance Dose:</u> <ul style="list-style-type: none"> • 45 mg every 12 weeks • Co-existing moderate to severe plaque psoriasis AND weighing >100 kg: 90 mg every 12 weeks |
| | <u>Pediatric Subcutaneous Loading Dose:</u> <ul style="list-style-type: none"> • <60 kg: 0.75 mg/kg at weeks 0 & 4, then begin maintenance dosing 12 weeks later (NOTE: This dosing ONLY applies to Pyzchiva, Stelara/Ustekinumab, Wezlana, Selarsdi/Ustekinumab-aekn, Otulfi/Ustekinumab-aauz, Starjemza, Steqeyma, and Yesintek) • ≥60 kg: 45 mg at weeks 0 & 4, then begin maintenance dosing 12 weeks later • Co-existing moderate to severe plaque psoriasis AND weighing >100 kg: 90 mg at weeks 0 & 4, then begin maintenance dosing 12 weeks later <u>Pediatric Subcutaneous Maintenance Dose:</u> <ul style="list-style-type: none"> • <60 kg: 0.75 mg/kg every 12 weeks (NOTE: This dosing ONLY applies to Pyzchiva, Stelara/Ustekinumab, Wezlana, Selarsdi/Ustekinumab-aekn, Otulfi/Ustekinumab-aauz, Starjemza, Steqeyma, and Yesintek) • ≥60 kg: 45 mg every 12 weeks |

| Indication | Dose |
|--|--|
| | <ul style="list-style-type: none"> Co-existing moderate to severe plaque psoriasis AND weighing >100 kg: 90 mg every 12 weeks |
| Crohn's Disease & Ulcerative Colitis/ Immune Checkpoint Inhibitor-Related Toxicities | <p><u>Intravenous Induction Dose (one-time only):</u></p> <ul style="list-style-type: none"> ≤ 55 kg: 260 mg > 55 kg to 85 kg: 390 mg > 85 kg: 520 mg <p><u>Subcutaneous Maintenance Dose:</u></p> <ul style="list-style-type: none"> 90 mg given 8 weeks after the initial IV dose, then every 8 weeks thereafter <p><i>(Note Immune Checkpoint Inhibitor Related Toxicity: Administer a one-time IV induction dose plus up to 3 subcutaneous maintenance doses only)</i></p> |
| | <ul style="list-style-type: none"> Crohn's Disease & Ulcerative Colitis dose escalation⁴⁵⁻⁵² (up to the maximum dose and frequency specified below) may occur upon clinical review on a case-by-case basis provided that the patient has: <ul style="list-style-type: none"> Shown an initial response to therapy; AND Received the initial intravenous loading dose as specified above; AND Received a minimum of one subcutaneous maintenance dose as specified above; AND Responded to therapy (by treatment week 16*) with subsequent loss of response; AND Dose escalation must not exceed the following limits: <ul style="list-style-type: none"> 90 mg subcutaneously every 4 weeks (certain patients may benefit from a smaller reduction in interval if they become symptomatic 5, 6, or 7 weeks after the prior administration) <ul style="list-style-type: none"> Coverage will be provided for 3 months with continued approval (as specified in Sections I & IV) contingent upon demonstration of clinical improvement and ustekinumab levels (if available)** <ul style="list-style-type: none"> Patients who do not regain response at a 4-week interval should discontinue therapy Patients who are responding to therapy may continue with their current dosing** |
| | <p><u>*Note:</u></p> <ul style="list-style-type: none"> Request for dose escalation prior to week 16 will be evaluated considering the patient's clinical picture regarding severity of inflammation, factors which may result in subtherapeutic response to standard dosing (e.g., hypoalbuminemia, prior TNF-I failure), timing of response and breakthrough/loss of response, presence of perianal fistula; AND ustekinumab trough (if available)** is <4.5 micrograms/mL |
| | <p>**ustekinumab trough levels must be obtained (if this is a covered test under the benefit).</p> <ul style="list-style-type: none"> Patients who are well-controlled with a trough >4.5 micrograms/mL may be candidates to increase the interval between administrations from 4 weeks to 6 weeks. Response should be assessed after 3 months at this every 6-week interval. Those patients demonstrating loss of response may decrease the interval back to 90 mg subcutaneously every 4 weeks. Patients whose trough is <4.5 micrograms/mL are candidates to decrease the interval between administrations from 8 weeks to as frequently as 4 weeks. Some patients may benefit from one additional IV loading dose in conjunction with this more frequent maintenance dosing interval. |

VI. Billing Code/Availability Information

HCPCS Code(s):

- J3357 – Ustekinumab, for subcutaneous injection, 1 mg; 1 billable unit = 1 mg (*Stelara SQ Only; Includes unbranded biologic[§]*)
- J3358 – Ustekinumab, for intravenous injection, 1 mg; 1 billable unit = 1 mg (*Stelara IV Only; Includes unbranded biologic[§]*)
- J3590 – Unclassified biologics (*Imuldosa, Steqeyma/Ustekinumab-stba, Yesintek, and Starjemza ONLY*) (*Discontinue use on 07/01/2025 for Imuldosa, Steqeyma/Ustekinumab-stba, and Yesintek ONLY*)
- Q5137 – Injection, ustekinumab-auub (weziana), biosimilar, subcutaneous, 1 mg; 1 billable unit = 1 mg
- Q5138 – Injection, ustekinumab-auub (weziana), biosimilar, intravenous, 1 mg; 1 billable unit = 1 mg
- Q9996 – Injection, ustekinumab-ttwe (pyzchiva), subcutaneous, 1 mg; 1 billable unit = 1 mg (*Includes unbranded biologic[§]*)
- Q9997 – Injection, ustekinumab-ttwe (pyzchiva), intravenous, 1 mg; 1 billable unit = 1 mg (*Includes unbranded biologic[§]*)
- Q9998♦ – Injection, ustekinumab-aekn (selarsdi), biosimilar, 1 mg; 1 billable unit = 1 mg (*Includes unbranded biologic[§]*)
- Q9999♦ – Injection, ustekinumab-aaz (otulfi), biosimilar, 1mg; 1 billable unit = 1 mg (*Includes unbranded biologic[§]*)
- Q5098♦ – Injection, ustekinumab-srlf (imuldosa), biosimilar, 1 mg; 1 billable unit = 1 mg (*Effective 07/01/2025*)
- Q5100♦ – Injection, ustekinumab-kfce (yesintek), biosimilar, 1 mg; 1 billable unit = 1 mg (*Effective 07/01/2025*)
- Q5099♦ – Injection, ustekinumab-stba (steqeyma), biosimilar, 1 mg; 1 billable unit = 1 mg (*Includes unbranded biologic[§]*) (*Effective 07/01/2025*)

♦ **Note:** CMS generally creates codes for products themselves, without specifying a route of administration in the code descriptor, as there might be multiple routes of administration for the same product. Drugs that fall under this category should be billed with either the JA modifier for the intravenous infusion of the drug or billed with the JB modifier for subcutaneous injection of the drug.

NDC(s):

- Subcutaneous
 - Stelara 45 mg/0.5 mL single-dose prefilled syringe: 57894-0060-xx
 - Stelara 90 mg/mL single-dose prefilled syringe: 57894-0061-xx
 - Stelara 45 mg/0.5 mL single-dose vial: 57894-0060-xx
 - Weziana 45 mg/0.5 mL single-dose prefilled syringe: 84612-0076-xx and 84612-0876-xx

- Wezlana 90 mg/mL single-dose prefilled syringe: 84612-0089-xx and 84612-0889-xx
- Wezlana 45 mg/0.5 mL single-dose vial: 84612-0055-xx and 84612-0855-xx
- Yesintek 45 mg/0.5 mL single-dose prefilled syringe: 83257-0023-xx
- Yesintek 90 mg/mL single-dose prefilled syringe: 83257-0025-xx
- Yesintek 45 mg/0.5 mL single-dose vial: 83257-0024-xx
- Steqeyma 45 mg/0.5 mL single-dose prefilled syringe: 72606-0027-xx
- Steqeyma 90 mg/mL single-dose prefilled syringe: 72606-0028-xx
- Steqeyma 45 mg/0.5 mL single-dose vial: 72606-0060-xx
- Pyzchiva 45 mg/0.5 mL single-dose prefilled syringe: 61314-0651-xx
- Pyzchiva 90 mg/mL single-dose prefilled syringe: 61314-0652-xx
- Pyzchiva 45 mg/0.5 mL single-dose vial: 61314-0651-xx
- Otulfi 45 mg/0.5 mL single-dose prefilled syringe: 65219-0862-xx
- Otulfi 90 mg/mL single-dose prefilled syringe: 65219-0866-xx
- Otulfi 45 mg/0.5 mL single-dose vial: 65219-0864-xx
- Imuldosa 45 mg/0.5 mL single-dose prefilled syringe: 69448-0017-xx
- Imuldosa 90 mg/mL single-dose prefilled syringe: 69448-0018-xx
- Selarsdi 45 mg/0.5 mL single-dose prefilled syringe: 51759-0505-xx
- Selarsdi 90 mg/mL single-dose prefilled syringe: 51759-0607-xx
- Selarsdi 45 mg/0.5 mL single-dose vial: 51759-0505-xx
- Starjemza 45 mg/0.5 mL single-dose prefilled syringe: 00143-9168-xx
- Starjemza 90 mg/mL single-dose prefilled syringe: 00143-9170-xx
- Starjemza 45 mg/0.5 mL single-dose vial: 00143-9169-xx
- Ustekinumab 45 mg/0.5 mL single-dose prefilled syringe: 57894-0440-xx ([§]Unbranded biologic of Stelara)
- Ustekinumab 90 mg/mL single-dose prefilled syringe: 57894-0441-xx ([§]Unbranded biologic of Stelara)
- Ustekinumab 45 mg/0.5 mL single-dose vial: 57894-0440-xx ([§]Unbranded biologic of Stelara)
- Ustekinumab-aekn 45 mg/0.5 mL single-dose prefilled syringe: 51759-0709-xx ([§]Unbranded biologic of Selarsdi)
- Ustekinumab-aekn 90 mg/mL single-dose prefilled syringe: 51759-0710-xx ([§]Unbranded biologic of Selarsdi)
- Ustekinumab-aekn 45 mg/0.5 mL single-dose vial: 51759-0709-xx ([§]Unbranded biologic of Selarsdi)
- Ustekinumab-ttwe 45 mg/0.5 mL single-dose prefilled syringe: 82009-0160-xx ([§]Unbranded biologic of Pyzchiva)
- Ustekinumab-ttwe 90 mg/mL single-dose prefilled syringe: 82009-0162-xx ([§]Unbranded biologic of Pyzchiva)

- Ustekinumab-aaaz 45 mg/0.5 mL single-dose prefilled syringe: 65219-0862-xx ([§]Unbranded biologic of Otulfi)
- Ustekinumab-aaaz 90 mg/mL single-dose prefilled syringe: 65219-0866-xx ([§]Unbranded biologic of Otulfi)
- Ustekinumab-aaaz 45 mg/0.5 mL single-dose vial: 65219-0864-xx ([§]Unbranded biologic of Otulfi)
- Ustekinumab-stba 45 mg/0.5 mL single-dose prefilled syringe: 72606-0055-xx ([§]Unbranded biologic of Steqeyma)
- Ustekinumab-stba 90 mg/mL single-dose prefilled syringe: 72606-0056-xx ([§]Unbranded biologic of Steqeyma)
- Intravenous
 - Stelara 130 mg/26 mL (5 mg/mL) single-dose vial: 57894-0054-xx
 - Wezlana 130 mg/26 mL (5 mg/mL) single-dose vial: 84612-0066-xx
 - Yesintek 130 mg/26 mL (5 mg/mL) single-dose vial: 83257-0026-xx
 - Steqeyma 130 mg/26 mL (5 mg/mL) single dose vial: 72606-0029-xx
 - Pyzchiva 130 mg/26 mL (5 mg/mL) single-dose vial: 61314-0654-xx
 - Otulfi 130 mg/26 mL (5 mg/mL) single-dose vial: 65219-0868-xx
 - Imuldosa 130 mg/26 mL (5 mg/mL) single-dose vial: 69448-0019-xx
 - Selarsdi 130 mg/26 mL (5 mg/mL) single-dose vial: 51759-0708-xx
 - Starjemza 130 mg/26 mL (5 mg/mL) single-dose vial: 00143-9171-xx
 - Ustekinumab 130 mg/26 mL (5 mg/mL) single-dose vial: 57894-0444-xx ([§]Unbranded biologic of Stelara)
 - Ustekinumab-aekn 130 mg/26 mL (5 mg/mL) single-dose vial: 51759-0711-xx ([§]Unbranded biologic of Selarsdi)
 - Ustekinumab-ttwe 130 mg/26 mL (5 mg/mL) single-dose vial: 82009-0163-xx ([§]Unbranded biologic of Pyzchiva)
 - Ustekinumab-aaaz 130 mg/26 mL (5 mg/mL) single-dose vial: 65219-0868-xx ([§]Unbranded biologic of Otulfi)
 - Ustekinumab-stba 130 mg/26 mL (5 mg/mL) single-dose vial: 72606-0057-xx ([§]Unbranded biologic of Steqeyma)

[§]An unbranded biologic is the same as the brand biologic and uses the same cell-line as the brand-name reference biologic.

VII. References

1. Stelara/Ustekinumab [package insert]. Horsham, PA; Janssen Biotech, Inc.; April 2025. Accessed April 2025.

2. Wezlana [package insert]. Thousand Oaks, CA; Amgen Inc.; January 2025. Accessed February 2025.
3. Selarsdi/Ustekinumab-aekn [package insert]. Leesburg, VA; Alvotek USA Inc.; February 2025. Accessed August 2025.
4. Pyzchiva/Ustekinumab-ttwe [package insert]. Yeonsu-gu, Incheon; Samsung Bioepis Co., Ltd.; March 2025. Accessed March 2025.
5. Otulfi/Ustekinumab-aaaz [package insert]. Lake Zurich, IL; Fresenius Kabi USA, LLC; August 2025; Accessed August 2025.
6. Imuldosa [package insert]. Raleigh, NC; Accord BioPharma Inc; October 2024; Accessed February 2025.
7. Yesintek [package insert]. Cambridge, MA; Biocon Biologics Inc.; November 2024; Accessed February 2025.
8. Steqeyma/Ustekinumab-stba [package insert]. Yeonsu-gu, Incheon; Celltrion, Inc.; June 2025; Accessed July 2025.
9. Starjemza [package insert]. Guangzhou, Guangdong, China; Bio-Thera Solutions, Ltd.; May 2025; Accessed June 2025.
10. Leonardi CL, Kimball AB, Papp KA, et al, "Efficacy and Safety of Ustekinumab, a Human Interleukin-12/23 Monoclonal Antibody, in Patients With Psoriasis: 76-Week Results from a Randomised, Double-Blind, Placebo-Controlled Trial (PHOENIX 1)," *Lancet*, 2008, 371(9625): 1665-74.
11. Papp KA, Langley RG, Lebwohl M, et al, "Efficacy and Safety of Ustekinumab, a Human Interleukin-12/23 Monoclonal Antibody, in Patients With Psoriasis: 52-Week Results from a Randomised, Double-Blind, Placebo-Controlled Trial (PHOENIX 2)," *Lancet*, 2008, 371(9625): 1675-84.
12. Hsu S, Papp KA, Lebwohl MG, et al. Consensus guidelines for the management of plaque psoriasis. *Arch Dermatol*. 2012 Jan;148(1):95-102.
13. Papp KA, Griffiths CE, Gordon K, et al. Long-term safety of ustekinumab in patients with moderate-to-severe psoriasis: final results from 5 years of follow-up. *Br J Dermatol*. 2013 Apr;168(4):844-54.
14. Menter A, Gottlieb A, Feldman SR, et al. Guidelines of care for the management of psoriasis and psoriatic arthritis: Section 1. Overview of psoriasis and guidelines of care for the treatment of psoriasis with biologics. *J Am Acad Dermatol*. 2008 May;58(5):826-50. doi: 10.1016/j.jaad.2008.02.039.
15. Gottlieb A, Korman NJ, Gordon KB, et al. Guidelines of care for the management of psoriasis and psoriatic arthritis: Section 2. Psoriatic arthritis: overview and guidelines of care for treatment with an emphasis on the biologics. *J Am Acad Dermatol* 2008 May;58(5):851-64.
16. Gossec L, Smolen JS, Ramiro S, et al. European League Against Rheumatism (EULAR) recommendations for the management of psoriatic arthritis with pharmacological therapies: 2015 update. *Ann Rheum Dis*. 2015 Dec 7. pii: annrheumdis-2015-208337. doi: 10.1136/annrheumdis-2015-208337.

17. Singh JA, Guyatt G, Ogdie A, et al. 2018 American College of Rheumatology/National Psoriasis Foundation Guideline for the Treatment of Psoriatic Arthritis. *Arthritis Rheumatol*. 2019 Jan;71(1):5-32. Doi: 10.1002/art.40726.
18. Lichtenstein GR, Hanauer SB, Sandborn WJ, Practice Parameters Committee of American College of Gastroenterology. Management of Crohn's disease in adults. *Am J Gastroenterol*. 2009;104(2):465.
19. Terdiman JP, Gruss CB, Heidelbaugh JJ, et al. American Gastroenterological Association Institute guideline on the use of thiopurines, methotrexate, and anti-TNF- α biologic drugs for the induction and maintenance of remission in inflammatory Crohn's disease. *Gastroenterology*. 2013 Dec;145(6):1459-63. doi: 10.1053/j.gastro.2013.10.047.
20. Gomollón F, Dignass A, Annese V, et al. EUROPEAN Evidence-based consensus on the diagnosis and management of Crohn's disease 2016: Part 1: Diagnosis and medical management. *J Crohns Colitis*. 2016 Sep 22. pii: jjw168.
21. Harbord M, Eliakim R, Bettenworth D, et al. Third European Evidence-based Consensus on Diagnosis and Management of Ulcerative Colitis. Part 2: Current Management. *J Crohns Colitis*. 2017 Jan 28. doi: 10.1093/ecco-jcc/jjx009.
22. National Institute for Health and Care Excellence. NICE 2012. Crohn's Disease: Management. Published 10 October 2012. Clinical Guideline [CG152].
<https://www.nice.org.uk/guidance/cg152/resources/crohns-disease-management-pdf-35109627942085>.
23. National Institute for Health and Care Excellence. NICE 2017. Certolizumab pegol and secukinumab for treating active psoriatic arthritis after inadequate response to DMARDs. Published 24 May 2017. Technology Appraisal Guidance [TA445].
<https://www.nice.org.uk/guidance/ta445>. Accessed February 2025.
24. National Institute for Health and Care Excellence. NICE 2008. Infliximab for the treatment of adults with psoriasis. Published 23 January 2008. Technology Appraisal Guidance [TA134].
<https://www.nice.org.uk/guidance/ta134/resources/infliximab-for-the-treatment-of-adults-with-psoriasis-pdf-82598193811141>.
25. Smith CH, Jabbar-Lopez ZK, Yiu ZK, et al. British Association of Dermatologists guidelines for biologic therapy for psoriasis 2017. *Br J Dermatol*. 2017 Sep;177(3):628-636. doi: 10.1111/bjd.15665.
26. Lichtenstein GR, Loftus EV, Isaacs KI, et al. ACG Clinical Guideline: Management of Crohn's Disease in Adults. *Am J Gastroenterol* 2018; 113:481–517; doi: 10.1038/ajg.2018.27
27. Sands BE, Sandborn WJ, Panaccione R, et al. UNIFI Study Group. Ustekinumab as Induction and Maintenance Therapy for Ulcerative Colitis. *N Engl J Med*. 2019 Sep 26;381(13):1201-1214. doi: 10.1056/NEJMoa1900750.
28. Lewis JD, Chuai S, Nessel L, et al. Use of the Non-invasive Components of the Mayo Score to Assess Clinical Response in Ulcerative Colitis. *Inflamm Bowel Dis*. 2008 Dec; 14(12): 1660–1666. doi: 10.1002/ibd.20520

29. Paine ER. Colonoscopic evaluation in ulcerative colitis. *Gastroenterol Rep (Oxf)*. 2014 Aug; 2(3): 161–168.
30. Walsh AJ, Bryant RV, Travis SPL. Current best practice for disease activity assessment in IBD. *Nature Reviews Gastroenterology & Hepatology* 13, 567–579 (2016)
doi:10.1038/nrgastro.2016.128
31. Kornbluth, A, Sachar, DB; Practice Parameters Committee of the American College of Gastroenterology. Ulcerative colitis practice guidelines in adults: American College Of Gastroenterology, Practice Parameters Committee. *Am J Gastroenterol*. 2010 Mar;105(3):501-23.
32. Feagan BG, Sandborn WJ, Gasink C, UNITI–IM-UNITI Study Group et al. Ustekinumab as Induction and Maintenance Therapy for Crohn's Disease. *N Engl J Med*. 2016 Nov 17;375(20):1946-1960.
doi: 10.1056/NEJMoa1602773.
33. Leonardi CL, Kimball AB, Papp KA, PHOENIX 1 study investigators. Efficacy and safety of ustekinumab, a human interleukin-12/23 monoclonal antibody, in patients with psoriasis: 76-week results from a randomised, double-blind, placebo-controlled trial (PHOENIX 1). *Lancet*. 2008;371(9625):1665.
34. Papp KA, Langley RG, Lebwohl M, PHOENIX 2 study investigators. Efficacy and safety of ustekinumab, a human interleukin-12/23 monoclonal antibody, in patients with psoriasis: 52-week results from a randomised, double-blind, placebo-controlled trial (PHOENIX 2). *Lancet*. 2008;371(9625):1675.
35. Landells I, Marano C, Hsu MC, et al. Ustekinumab in adolescent patients age 12 to 17 years with moderate-to-severe plaque psoriasis: results of the randomized phase 3 CADMUS study. *J Am Acad Dermatol*. 2015;73(4):594.
36. McInnes IB, Kavanaugh A, Gottlieb AB, PSUMMIT 1 Study Group. Efficacy and safety of ustekinumab in patients with active psoriatic arthritis: 1 year results of the phase 3, multicentre, double-blind, placebo-controlled PSUMMIT 1 trial. *Lancet*. 2013;382(9894):780. Epub 2013 Jun 13.
37. Ritchlin C, Rahman P, Kavanaugh A, PSUMMIT 2 Study Group. Efficacy and safety of the anti-IL-12/23 p40 monoclonal antibody, ustekinumab, in patients with active psoriatic arthritis despite conventional non-biological and biological anti-tumour necrosis factor therapy: 6-month and 1-year results of the phase 3, multicentre, double-blind, placebo-controlled, randomised PSUMMIT 2 trial. *Ann Rheum Dis*. 2014;73(6):990. Epub 2014 Jan 30.
38. Menter A, Strober BE, Kaplan DH, et al. Joint AAD-NPF guidelines of care for the management and treatment of psoriasis with biologics. *J Am Acad Dermatol*. 2019 Feb 13. pii: S0190-9622(18)33001-9. <https://doi.org/10.1016/j.jaad.2018.11.057>.
39. Richard EG. (2025). Psoralen plus ultraviolet A (PUVA) photochemotherapy. In Elmets CA, Corona R (Eds.), *UpToDate*. Last updated: Jan 24, 2025. Accessed on: February 5, 2025. Available from [https://www.uptodate.com/contents/psoralen-plus-ultraviolet-a-puva-photochemotherapy?search=Psoralen%20plus%20ultraviolet%20A%20\(PUVA\)%20photochemotherapy&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1](https://www.uptodate.com/contents/psoralen-plus-ultraviolet-a-puva-photochemotherapy?search=Psoralen%20plus%20ultraviolet%20A%20(PUVA)%20photochemotherapy&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1).
40. Elmets, CA. (2024). UVB phototherapy (broadband and narrowband). In Callen J, Corona R (Eds.), *UpToDate*. Last updated: March 27, 2024; Accessed on February 6, 2025. Available from <https://www.uptodate.com/contents/uvb-therapy-broadband-and->

[narrowband?search=UVB%20therapy%20\(broadband%20and%20narrowband&source=search_result&selectedTitle=1~80&usage_type=default&display_rank=1.](#)

41. Gossec L, Baraliakos X, Kerschbaumer A, et al. EULAR recommendations for the management of psoriatic arthritis with pharmacological therapies: 2019 update. *Ann Rheum Dis*. 2020 Jun;79(6):700-712. doi: 10.1136/annrheumdis-2020-217159.
42. National Institute for Health and Care Excellence. NICE 2019. Crohn's Disease: Management. Published 03 May 2019. Clinical Guideline [NG129].
<https://www.nice.org.uk/guidance/ng129/resources/crohns-disease-management-pdf-66141667282885>
43. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium®) ustekinumab. National Comprehensive Cancer Network, 2025. The NCCN Compendium® is a derivative work of the NCCN Guidelines®. NATIONAL COMPREHENSIVE CANCER NETWORK®, NCCN®, and NCCN GUIDELINES® are trademarks owned by the National Comprehensive Cancer Network, Inc.” To view the most recent and complete version of the Compendium, go online to NCCN.org. Accessed February 2025.
44. Thomas AS, Ma W, Wang Y. Ustekinumab for Refractory Colitis Associated with Immune Checkpoint Inhibitors. *N Engl J Med* 2021;384:581-583.
45. Mathurin Fumery M, Laurent Peyrin-Biroulet L, Stéphane Nancey S, et al. Effectiveness and safety of ustekinumab intensification at 90 Mg every four weeks In Crohn's disease: a multicenter study. *Journal of Crohn's and Colitis, Elsevier - Oxford University Press*, 2021, 15 (2), pp.222-227.
46. Haider, S., et al. Ustekinumab dose escalation improves clinical responses in refractory Crohn's disease *Therap Adv Gastroenterol*. 2020; 13: 1756284820959245. Published online 2020 Oct 13.
47. Ollech JE et al, Effectiveness of Ustekinumab Dose Escalation in Patients with Crohn's Disease. *Clin Gastroenterol Hepatol*. 2020 Feb 26.
48. Kopylov U, Hanzel J, Liefferinckx C, et al. Effectiveness of ustekinumab dose escalation in Crohn's disease patients with insufficient response to standard-dose subcutaneous maintenance therapy. *Aliment Pharmacol Ther* 2020;52:135-42.
49. Ma C, Fedorak RN, Kaplan GG, et al. Long-term Maintenance of Clinical, Endoscopic, and Radiographic Response to Ustekinumab in Moderate-to-Severe Crohn's Disease: Real-world Experience from a Multicenter Cohort Study. *Inflamm Bowel Dis* 2017;23:833-9.
50. Dalal R, Njie C, Gupta S, Allegretti JR. Predictors of Ustekinumab Failure After Dose Intensification Among Patients With Crohn's Disease *American College of Gastroenterology*; 2020. p. S0646.
51. Battat R, Kopylov U, Bessissow T, et al. Association between ustekinumab trough concentrations and clinical, biomarker, and endoscopic outcomes in patients with Crohn's disease. *Clin Gastroenterol Hepatol*, 15 (2017), pp. 1427-1434.
52. Cheifetz AS, Abreu MT, Afif W, et al. A Comprehensive Literature Review and Expert Consensus Statement on Therapeutic Drug Monitoring of Biologics in Inflammatory Bowel Disease. *Am J Gastroenterol* 2021 Accession Number: 34388143 DOI: 10.14309/ajg.0000000000001396.

53. Smith CH, Yiu ZZN, Bale T, et al; British Association of Dermatologists' Clinical Standards Unit. British Association of Dermatologists guidelines for biologic therapy for psoriasis 2020: a rapid update. *Br J Dermatol*. 2020 Oct;183(4):628-637. Doi: 10.1111/bjd.19039.
54. National Institute for Health and Care Excellence. NICE 2017. Psoriasis: assessment and management. Published 24 October 2012. Clinical guideline [CG153]. <https://www.nice.org.uk/guidance/CG153>. Accessed February 2025.
55. National Institute for Health and Care Excellence. NICE 2013. Psoriasis. Published 06 August 2013. Quality standard [QS40]. <https://www.nice.org.uk/guidance/qs40>. Accessed February 2025.
56. Elmetts CA, Lim HW, Stoff B, et al. Joint American Academy of Dermatology-National Psoriasis Foundation guidelines of care for the management and treatment of psoriasis with phototherapy. *J Am Acad Dermatol*. 2019 Sep;81(3):775-804. Doi: 10.1016/j.jaad.2019.04.042.
57. Menter A, Cordoro KM, Davis DMR, et al. Joint American Academy of Dermatology-National Psoriasis Foundation guidelines of care for the management and treatment of psoriasis in pediatric patients. *J Am Acad Dermatol*. 2020 Jan;82(1):161-201. Doi: 10.1016/j.jaad.2019.08.049.
58. American Academy of Dermatology Work Group. Guidelines of care for the management of psoriasis and psoriatic arthritis: section 6. Guidelines of care for the treatment of psoriasis and psoriatic arthritis: case-based presentations and evidence-based conclusions. *J Am Acad Dermatol*. 2011 Jul;65(1):137-74. Doi: 10.1016/j.jaad.2010.11.055.
59. Ringold S, Angeles-Han ST, Beukelman T, et al. 2019 American College of Rheumatology/Arthritis Foundation Guideline for the Treatment of Juvenile Idiopathic Arthritis: Therapeutic Approaches for Non-Systemic Polyarthritis, Sacroiliitis, and Enthesitis. *Arthritis Care & Research*, Vol. 71, No. 6, June 2019, pp 717–734 DOI 10.1002/acr.23870.
60. Ringold S, Weiss PF, Beukelman T, et al. 2013 update of the 2011 American College of Rheumatology recommendations for the treatment of juvenile idiopathic arthritis: recommendations for the medical therapy of children with systemic juvenile idiopathic arthritis and tuberculosis screening among children receiving biologic medications. *Arthritis Rheum*. 2013 Oct;65(10):2499-512.
61. Armstrong AW, Siegel MP, Bagel J, et al. From the Medical Board of the National Psoriasis Foundation: Treatment targets for plaque psoriasis. *J Am Acad Dermatol*. 2017 Feb; 76(2):290-298. Doi: 10.1016/j.jaad.2016.10.017.
62. Mease PJ. Measures of psoriatic arthritis: Tender and Swollen Joint Assessment, Psoriasis Area and Severity Index (PASI), Nail Psoriasis Severity Index (NAPSI), Modified Nail Psoriasis Severity Index (mNAPSI), Mander/Newcastle Enthesitis Index (MEI), Leeds Enthesitis Index (LEI), Spondyloarthritis Research Consortium of Canada (SPARCC), Maastricht Ankylosing Spondylitis Enthesis Score (MASSES), Leeds Dactylitis Index (LDI), Patient Global for Psoriatic Arthritis, Dermatology Life Quality Index (DLQI), Psoriatic Arthritis Quality of Life (PsAQOL), Functional Assessment of Chronic Illness Therapy-Fatigue (FACIT-F), Psoriatic Arthritis Response Criteria

- (PsARC), Psoriatic Arthritis Joint Activity Index (PsAJAI), Disease Activity in Psoriatic Arthritis (DAPSA), and Composite Psoriatic Disease Activity Index (CPDAI). *Arthritis Care Res (Hoboken)*. 2011 Nov;63 Suppl 11:S64-85. Doi: 10.1002/acr.20577.
63. Ringold S, Bittner R, Neggi T, et al. Performance of rheumatoid arthritis disease activity measures and juvenile arthritis disease activity scores in polyarticular-course juvenile idiopathic arthritis: Analysis of their ability to classify the American College of Rheumatology pediatric measures of response and the preliminary criteria for flare and inactive disease. *Arthritis Care Res (Hoboken)*. 2010 Aug;62(8):1095-102.
 64. Consolaro A, Giancane G, Schiappapietra B, et al. Clinical outcome measures in juvenile idiopathic arthritis. *Pediatric Rheumatology* 18 April 2016 14:23.
 65. Raine T, Bonovas S, Burisch J, et al. ECCO Guidelines on therapeutics in ulcerative colitis: medical treatment. *J Crohns Colitis*. 2022 Jan 28. 16 (1):2-17. Doi: 10.1093/ecco-jcc/jjab178
 66. Foley P, Mahar PD, Smith SD, et al. Australian consensus: Treatment goals for moderate to severe psoriasis in the era of targeted therapies – Considerations for paediatric patients. *Australas J Dermatol*. 2024 May 13. doi:10.1111/ajd.14303
 67. Foley P, Gebaur K, Sullivan J, et al. Australian consensus: Treatment goals for moderate to severe psoriasis in the era of targeted therapies – Adult patients. *Australas J Dermatol*. 2023 Nov;64(4):467-487. doi:10.1111/ajd.14138
 68. Gossec L, Kerschbaumer A, Ferreira RJO, et al. EULAR recommendations for the management of psoriatic arthritis with pharmacological therapies: 2023 update. *Ann Rheum Dis*. 2024 May 15;83(6):706-719. doi: 10.1136/ard-2024-225531. PMID: 38499325
 69. Tiwari V, Brent LH. Psoriatic Arthritis. [Updated 2024 Jan 7]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2024. <https://www.ncbi.nlm.nih.gov/books/NBK547710/>. Accessed February 6, 2025.
 70. Gordon H, Minozzi S, Kopylov U, et al. ECCO Guidelines on Therapeutics in Crohn's Disease: Medical Treatment, *Journal of Crohn's and Colitis*, 2024; <https://doi.org/10.1093/ecco-jcc/jjae091>
 71. Ranasinghe IR, Tian C, Hsu R. Crohn Disease. [Updated 2024 Feb 24]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2025. <https://www.ncbi.nlm.nih.gov/books/NBK436021/>. Accessed February 6, 2025.
 72. Ananthakrishnan AN, Alder J, Chachu KA, et al. AGA Clinical Practice Guideline on the Role of Biomarkers for the Management of Crohn's Disease. *Gastroenterology*. 2023 Dec;165(6):1367-1399. doi: 10.1053/j.gastro.2023.09.029. PMID: 37981354.
 73. Feuerstein JD, Ho EY, Shmidt E, et al. AGA Clinical Practice Guidelines on the Medical Management of Moderate to Severe Luminal and Perianal Fistulizing Crohn's Disease. *Gastroenterology*. 2021 Jun;160(7):2496-2508. doi: 10.1053/j.gastro.2021.04.022. PMID: 34051983; PMCID: PMC8988893.

74. Feuerstein JD, Isaacs KL, Schneider Y, et al. AGA Clinical Practice Guidelines on the Management of Moderate to Severe Ulcerative Colitis. *Gastroenterology*. 2020;158(5):1450-1461. doi:10.1053/j.gastro.2020.01.006.
75. Singh S, Ananthakrishnan AN, Nguyen NH, et al. AGA Clinical Practice Guideline on the Role of Biomarkers for the Management of Ulcerative Colitis. *Gastroenterology*. 2023 Mar;164(3):344-372. doi: 10.1053/j.gastro.2022.12.007. PMID: 36822736.
76. Singh S, Loftus EV Jr, Limketkai BN, et al. AGA Living Clinical Practice Guideline on Pharmacological Management of Moderate-to-Severe Ulcerative Colitis. *Gastroenterology*. 2024 Dec;167(7):1307-1343. doi: 10.1053/j.gastro.2024.10.001. PMID: 39572132.

Appendix A – Non-Quantitative Treatment Limitations (NQTL) Factor Checklist

Non-quantitative treatment limitations (NQTLs) refer to the methods, guidelines, standards of evidence, or other conditions that can restrict how long or to what extent benefits are provided under a health plan. These may include things like utilization review or prior authorization. The utilization management NQTL applies comparably, and not more stringently, to mental health/substance use disorder (MH/SUD) Medical Benefit Prescription Drugs and medical/surgical (M/S) Medical Benefit Prescription Drugs. The table below lists the factors that were considered in designing and applying prior authorization to this drug/drug group, and a summary of the conclusions that Prime's assessment led to for each.

| Factor | Conclusion |
|----------------------------|-----------------------|
| Indication | Yes: Consider for PA |
| Safety and efficacy | No: PA not a priority |
| Potential for misuse/abuse | No: PA not a priority |
| Cost of drug | Yes: Consider for PA |

Appendix 1 – Covered Diagnosis Codes

Subcutaneous

| ICD-10 | ICD-10 Description |
|---------|---|
| K50.00 | Crohn's disease of small intestine without complications |
| K50.011 | Crohn's disease of small intestine with rectal bleeding |
| K50.012 | Crohn's disease of small intestine with intestinal obstruction |
| K50.013 | Crohn's disease of small intestine with fistula |
| K50.014 | Crohn's disease of small intestine with abscess |
| K50.018 | Crohn's disease of small intestine with other complication |
| K50.019 | Crohn's disease of small intestine with unspecified complications |
| K50.10 | Crohn's disease of large intestine without complications |

| ICD-10 | ICD-10 Description |
|---------|--|
| K50.111 | Crohn's disease of large intestine with rectal bleeding |
| K50.112 | Crohn's disease of large intestine with intestinal obstruction |
| K50.113 | Crohn's disease of large intestine with fistula |
| K50.114 | Crohn's disease of large intestine with abscess |
| K50.118 | Crohn's disease of large intestine with other complication |
| K50.119 | Crohn's disease of large intestine with unspecified complications |
| K50.80 | Crohn's disease of both small and large intestine without complications |
| K50.811 | Crohn's disease of both small and large intestine with rectal bleeding |
| K50.812 | Crohn's disease of both small and large intestine with intestinal obstruction |
| K50.813 | Crohn's disease of both small and large intestine with fistula |
| K50.814 | Crohn's disease of both small and large intestine with abscess |
| K50.818 | Crohn's disease of both small and large intestine with other complication |
| K50.819 | Crohn's disease of both small and large intestine with unspecified complications |
| K50.90 | Crohn's disease, unspecified, without complications |
| K50.911 | Crohn's disease, unspecified, with rectal bleeding |
| K50.912 | Crohn's disease, unspecified, with intestinal obstruction |
| K50.913 | Crohn's disease, unspecified, with fistula |
| K50.914 | Crohn's disease, unspecified, with abscess |
| K50.918 | Crohn's disease, unspecified, with other complication |
| K50.919 | Crohn's disease, unspecified, with unspecified complications |
| K51.00 | Ulcerative (chronic) pancolitis without complications |
| K51.011 | Ulcerative (chronic) pancolitis with rectal bleeding |
| K51.012 | Ulcerative (chronic) pancolitis with intestinal obstruction |
| K51.013 | Ulcerative (chronic) pancolitis with fistula |
| K51.014 | Ulcerative (chronic) pancolitis with abscess |
| K51.018 | Ulcerative (chronic) pancolitis with other complication |
| K51.019 | Ulcerative (chronic) pancolitis with unspecified complications |
| K51.20 | Ulcerative (chronic) proctitis without complications |
| K51.211 | Ulcerative (chronic) proctitis with rectal bleeding |
| K51.212 | Ulcerative (chronic) proctitis with intestinal obstruction |
| K51.213 | Ulcerative (chronic) proctitis with fistula |
| K51.214 | Ulcerative (chronic) proctitis with abscess |
| K51.218 | Ulcerative (chronic) proctitis with other complication |

| ICD-10 | ICD-10 Description |
|---------|--|
| K51.219 | Ulcerative (chronic) proctitis with unspecified complications |
| K51.30 | Ulcerative (chronic) rectosigmoiditis without complications |
| K51.311 | Ulcerative (chronic) rectosigmoiditis with rectal bleeding |
| K51.312 | Ulcerative (chronic) rectosigmoiditis with intestinal obstruction |
| K51.313 | Ulcerative (chronic) rectosigmoiditis with fistula |
| K51.314 | Ulcerative (chronic) rectosigmoiditis with abscess |
| K51.318 | Ulcerative (chronic) rectosigmoiditis with other complication |
| K51.319 | Ulcerative (chronic) rectosigmoiditis with unspecified complications |
| K51.50 | Left sided colitis without complications |
| K51.511 | Left sided colitis with rectal bleeding |
| K51.512 | Left sided colitis with intestinal obstruction |
| K51.513 | Left sided colitis with fistula |
| K51.514 | Left sided colitis with abscess |
| K51.518 | Left sided colitis with other complication |
| K51.519 | Left sided colitis with unspecified complications |
| K51.80 | Other ulcerative colitis without complications |
| K51.811 | Other ulcerative colitis with rectal bleeding |
| K51.812 | Other ulcerative colitis with intestinal obstruction |
| K51.813 | Other ulcerative colitis with fistula |
| K51.814 | Other ulcerative colitis with abscess |
| K51.818 | Other ulcerative colitis with other complication |
| K51.819 | Other ulcerative colitis with unspecified complications |
| K51.90 | Ulcerative colitis, unspecified, without complications |
| K51.911 | Ulcerative colitis, unspecified with rectal bleeding |
| K51.912 | Ulcerative colitis, unspecified with intestinal obstruction |
| K51.913 | Ulcerative colitis, unspecified with fistula |
| K51.914 | Ulcerative colitis, unspecified with abscess |
| K51.918 | Ulcerative colitis, unspecified with other complication |
| K51.919 | Ulcerative colitis, unspecified with unspecified complications |
| K52.1 | Toxic gastroenteritis and colitis |
| L40.0 | Psoriasis vulgaris |
| L40.50 | Arthropathic psoriasis, unspecified |
| L40.51 | Distal interphalangeal psoriatic arthropathy |

| ICD-10 | ICD-10 Description |
|---------|---|
| L40.52 | Psoriatic arthritis mutilans |
| L40.53 | Psoriatic spondylitis |
| L40.59 | Other psoriatic arthropathy |
| M08.80 | Other juvenile arthritis, unspecified site |
| M08.811 | Other juvenile arthritis, right shoulder |
| M08.812 | Other juvenile arthritis, left shoulder |
| M08.819 | Other juvenile arthritis, unspecified shoulder |
| M08.821 | Other juvenile arthritis, right elbow |
| M08.822 | Other juvenile arthritis, left elbow |
| M08.829 | Other juvenile arthritis, unspecified elbow |
| M08.831 | Other juvenile arthritis, right wrist |
| M08.832 | Other juvenile arthritis, left wrist |
| M08.839 | Other juvenile arthritis, unspecified wrist |
| M08.841 | Other juvenile arthritis, right hand |
| M08.842 | Other juvenile arthritis, left hand |
| M08.849 | Other juvenile arthritis, unspecified hand |
| M08.851 | Other juvenile arthritis, right hip |
| M08.852 | Other juvenile arthritis, left hip |
| M08.859 | Other juvenile arthritis, unspecified hip |
| M08.861 | Other juvenile arthritis, right knee |
| M08.862 | Other juvenile arthritis, left knee |
| M08.869 | Other juvenile arthritis, unspecified knee |
| M08.871 | Other juvenile arthritis, right ankle and foot |
| M08.872 | Other juvenile arthritis, left ankle and foot |
| M08.879 | Other juvenile arthritis, unspecified ankle and foot |
| M08.88 | Other juvenile arthritis, other specified site |
| M08.89 | Other juvenile arthritis, multiple sites |
| M08.9A | Juvenile arthritis, unspecified, other specified site |
| M08.911 | Juvenile arthritis, unspecified, right shoulder |
| M08.912 | Juvenile arthritis, unspecified, left shoulder |
| M08.919 | Juvenile arthritis, unspecified, unspecified shoulder |
| M08.921 | Juvenile arthritis, unspecified, right elbow |
| M08.922 | Juvenile arthritis, unspecified, left elbow |

| ICD-10 | ICD-10 Description |
|---------|---|
| M08.929 | Juvenile arthritis, unspecified, unspecified elbow |
| M08.931 | Juvenile arthritis, unspecified, right wrist |
| M08.932 | Juvenile arthritis, unspecified, left wrist |
| M08.939 | Juvenile arthritis, unspecified, unspecified wrist |
| M08.941 | Juvenile arthritis, unspecified, right hand |
| M08.942 | Juvenile arthritis, unspecified, left hand |
| M08.949 | Juvenile arthritis, unspecified, unspecified hand |
| M08.951 | Juvenile arthritis, unspecified, right hip |
| M08.952 | Juvenile arthritis, unspecified, left hip |
| M08.959 | Juvenile arthritis, unspecified, unspecified hip |
| M08.961 | Juvenile arthritis, unspecified, right knee |
| M08.962 | Juvenile arthritis, unspecified, left knee |
| M08.969 | Juvenile arthritis, unspecified, unspecified knee |
| M08.971 | Juvenile arthritis, unspecified, right ankle and foot |
| M08.972 | Juvenile arthritis, unspecified, left ankle and foot |
| M08.979 | Juvenile arthritis, unspecified, unspecified ankle and foot |
| M08.98 | Juvenile arthritis, unspecified, vertebrae |
| M08.99 | Juvenile arthritis, unspecified, multiple sites |
| R19.7 | Diarrhea, unspecified |

Intravenous

| ICD-10 | ICD-10 Description |
|---------|---|
| K50.00 | Crohn's disease of small intestine without complications |
| K50.011 | Crohn's disease of small intestine with rectal bleeding |
| K50.012 | Crohn's disease of small intestine with intestinal obstruction |
| K50.013 | Crohn's disease of small intestine with fistula |
| K50.014 | Crohn's disease of small intestine with abscess |
| K50.018 | Crohn's disease of small intestine with other complication |
| K50.019 | Crohn's disease of small intestine with unspecified complications |
| K50.10 | Crohn's disease of large intestine without complications |
| K50.111 | Crohn's disease of large intestine with rectal bleeding |
| K50.112 | Crohn's disease of large intestine with intestinal obstruction |
| K50.113 | Crohn's disease of large intestine with fistula |

| ICD-10 | ICD-10 Description |
|---------|--|
| K50.114 | Crohn's disease of large intestine with abscess |
| K50.118 | Crohn's disease of large intestine with other complication |
| K50.119 | Crohn's disease of large intestine with unspecified complications |
| K50.80 | Crohn's disease of both small and large intestine without complications |
| K50.811 | Crohn's disease of both small and large intestine with rectal bleeding |
| K50.812 | Crohn's disease of both small and large intestine with intestinal obstruction |
| K50.813 | Crohn's disease of both small and large intestine with fistula |
| K50.814 | Crohn's disease of both small and large intestine with abscess |
| K50.818 | Crohn's disease of both small and large intestine with other complication |
| K50.819 | Crohn's disease of both small and large intestine with unspecified complications |
| K50.90 | Crohn's disease, unspecified, without complications |
| K50.911 | Crohn's disease, unspecified, with rectal bleeding |
| K50.912 | Crohn's disease, unspecified, with intestinal obstruction |
| K50.913 | Crohn's disease, unspecified, with fistula |
| K50.914 | Crohn's disease, unspecified, with abscess |
| K50.918 | Crohn's disease, unspecified, with other complication |
| K50.919 | Crohn's disease, unspecified, with unspecified complications |
| K51.00 | Ulcerative (chronic) pancolitis without complications |
| K51.011 | Ulcerative (chronic) pancolitis with rectal bleeding |
| K51.012 | Ulcerative (chronic) pancolitis with intestinal obstruction |
| K51.013 | Ulcerative (chronic) pancolitis with fistula |
| K51.014 | Ulcerative (chronic) pancolitis with abscess |
| K51.018 | Ulcerative (chronic) pancolitis with other complication |
| K51.019 | Ulcerative (chronic) pancolitis with unspecified complications |
| K51.20 | Ulcerative (chronic) proctitis without complications |
| K51.211 | Ulcerative (chronic) proctitis with rectal bleeding |
| K51.212 | Ulcerative (chronic) proctitis with intestinal obstruction |
| K51.213 | Ulcerative (chronic) proctitis with fistula |
| K51.214 | Ulcerative (chronic) proctitis with abscess |
| K51.218 | Ulcerative (chronic) proctitis with other complication |
| K51.219 | Ulcerative (chronic) proctitis with unspecified complications |
| K51.30 | Ulcerative (chronic) rectosigmoiditis without complications |
| K51.311 | Ulcerative (chronic) rectosigmoiditis with rectal bleeding |

| ICD-10 | ICD-10 Description |
|---------|--|
| K51.312 | Ulcerative (chronic) rectosigmoiditis with intestinal obstruction |
| K51.313 | Ulcerative (chronic) rectosigmoiditis with fistula |
| K51.314 | Ulcerative (chronic) rectosigmoiditis with abscess |
| K51.318 | Ulcerative (chronic) rectosigmoiditis with other complication |
| K51.319 | Ulcerative (chronic) rectosigmoiditis with unspecified complications |
| K51.50 | Left sided colitis without complications |
| K51.511 | Left sided colitis with rectal bleeding |
| K51.512 | Left sided colitis with intestinal obstruction |
| K51.513 | Left sided colitis with fistula |
| K51.514 | Left sided colitis with abscess |
| K51.518 | Left sided colitis with other complication |
| K51.519 | Left sided colitis with unspecified complications |
| K51.80 | Other ulcerative colitis without complications |
| K51.811 | Other ulcerative colitis with rectal bleeding |
| K51.812 | Other ulcerative colitis with intestinal obstruction |
| K51.813 | Other ulcerative colitis with fistula |
| K51.814 | Other ulcerative colitis with abscess |
| K51.818 | Other ulcerative colitis with other complication |
| K51.819 | Other ulcerative colitis with unspecified complications |
| K51.90 | Ulcerative colitis, unspecified, without complications |
| K51.911 | Ulcerative colitis, unspecified with rectal bleeding |
| K51.912 | Ulcerative colitis, unspecified with intestinal obstruction |
| K51.913 | Ulcerative colitis, unspecified with fistula |
| K51.914 | Ulcerative colitis, unspecified with abscess |
| K51.918 | Ulcerative colitis, unspecified with other complication |
| K51.919 | Ulcerative colitis, unspecified with unspecified complications |
| K52.1 | Toxic gastroenteritis and colitis |
| R19.7 | Diarrhea, unspecified |

Appendix 2 – Centers for Medicare and Medicaid Services (CMS)

The preceding information is intended for non-Medicare coverage determinations. Medicare coverage for outpatient (Part B) drugs is outlined in the Medicare Benefit Policy Manual (Pub. 100-2), Chapter 15, §50 Drugs and Biologicals. In addition, National Coverage Determinations (NCDs) and/or Local Coverage

Determinations (LCDs) may exist and compliance with these policies is required where applicable. Local Coverage Articles (LCAs) may also exist for claims payment purposes or to clarify benefit eligibility under Part B for drugs which may be self-administered. The following link may be used to search for NCD, LCD, or LCA documents: <https://www.cms.gov/medicare-coverage-database/search.aspx>. Additional indications, including any preceding information, may be applied at the discretion of the health plan.

Medicare Part B Covered Diagnosis Codes (applicable to existing NCD/LCD/LCA): N/A

| Medicare Part B Administrative Contractor (MAC) Jurisdictions | | |
|---|---|---|
| Jurisdiction | Applicable State/US Territory | Contractor |
| E (1) | CA, HI, NV, AS, GU, CNMI | Noridian Healthcare Solutions, LLC |
| F (2 & 3) | AK, WA, OR, ID, ND, SD, MT, WY, UT, AZ | Noridian Healthcare Solutions, LLC |
| 5 | KS, NE, IA, MO | Wisconsin Physicians Service Insurance Corp (WPS) |
| 6 | MN, WI, IL | National Government Services, Inc. (NGS) |
| H (4 & 7) | LA, AR, MS, TX, OK, CO, NM | Novitas Solutions, Inc. |
| 8 | MI, IN | Wisconsin Physicians Service Insurance Corp (WPS) |
| N (9) | FL, PR, VI | First Coast Service Options, Inc. |
| J (10) | TN, GA, AL | Palmetto GBA |
| M (11) | NC, SC, WV, VA (excluding below) | Palmetto GBA |
| L (12) | DE, MD, PA, NJ, DC (includes Arlington & Fairfax counties and the city of Alexandria in VA) | Novitas Solutions, Inc. |
| K (13 & 14) | NY, CT, MA, RI, VT, ME, NH | National Government Services, Inc. (NGS) |
| 15 | KY, OH | CGS Administrators, LLC |