EVIDENCE SUMMARY:

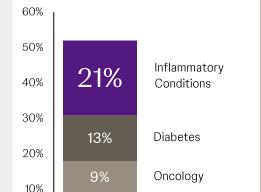
TREMFYA® (guselkumab) for moderately to severely active ulcerative colitis or Crohn's disease

Inflammatory conditions have a significant impact on the patient and healthcare system

Immunologic therapies present the highest cost burden for commercial plans

Top 5 Therapy Classes for Commercial Plans, by Percent of

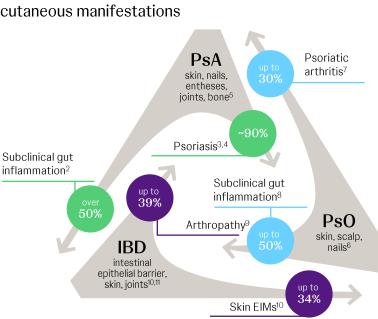
Total PMPY Spending, 2020^{1a}



5%

4%

Inflammatory conditions are complex and may present with extra-intestinal, extra-articular, and extracutaneous manifestations



Pre-treatment evaluation and monitoring^c

Week 0

at Weeks 0, 4, and 8

TREMFYA® (200 mg IV)

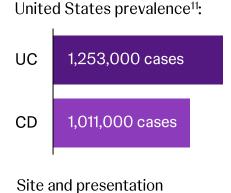
200 mg IV over at least an hour

UC + CD

Induction

4

8



of inflammation^{12,13}

UC: Colon and the rectum, typically appears in a continuous pattern

to maintain therapeutic response

16

CD: Anywhere in the GI tract from the mouth to the anus, may appear in patches

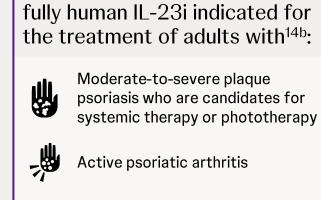
Use the lowest effective recommended dosage

20

Maintenance

12

24

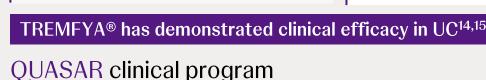


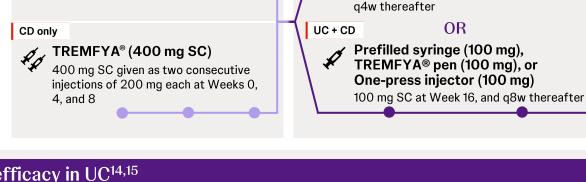
TREMFYA® (guselkumab) is a

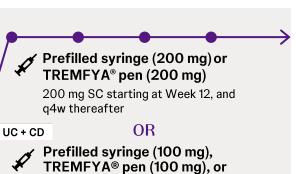
Multiple Sclerosis

Moderately to severely active ulcerative colitis Moderately to severely

active Crohn's disease







49%

TREMFYA® was evaluated in multicenter, randomized, double-blind, placebo-controlled induction and maintenance studies in adult patients with moderately to severely active UC & prior response or intolerance to conventional or advanced therapy. 15d The induction study (N=701) randomized patients 3:2 to receive TREMFYA® 200 mg IV q4w or placebo IV.14,15 The

maintenance study (N=568) took TREMFYA® Week 12 induction clinical responders and placebo crossover Week 24 responderse and rerandomized 1:1:1f to receive TREMFYA® 200 mg SC q4w, TREMFYA® 100 mg SC q8w, or placebo SC.15

Δ=15*

Select secondary endpoints at Week 12

TREMFYA $^{ ext{ iny B}}$ demonstrated fast-acting and long-lasting clinical results in UC 14,15

Primary endpoint at Week 44 Primary endpoint at Week 12 Clinical

Clinical 19% remission

(MES=0) at Week 44

versus placebo

Maintenance study PBO SC (TREMFYA®

withdrawal)

therapies (TNFi, VDZ).

at Week 32

Clinical

remissionp

192

0

34.0

Select secondary endpoints at Week 44

99% (178/180) of patients in the combined TREMFYA® group who achieved clinical remission at Week 44 were corticosteroid- $\Delta = 30*$ free for ≥8 weeks¹⁵

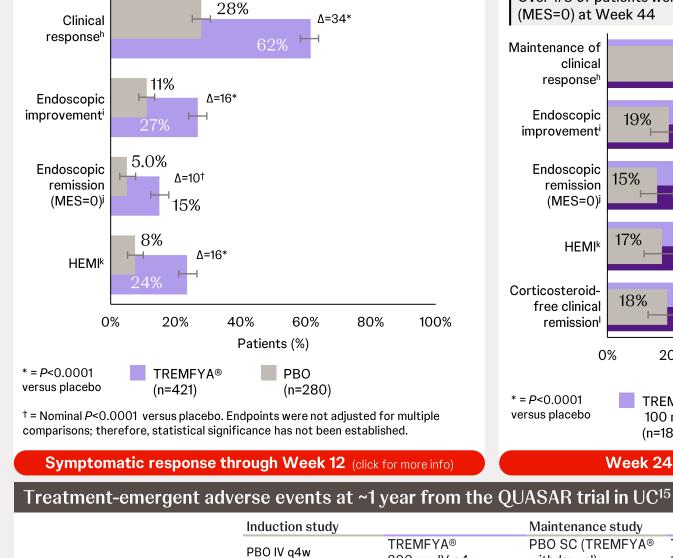
of patients had prior

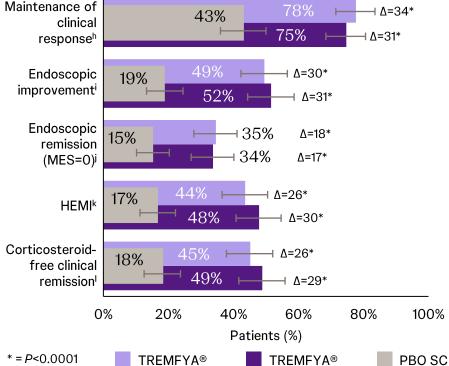
inadequate response

(TNFis, VDZ, or TOFA)

or intolerance to

advanced therapy





100 mg q8w

(n=188)

Over 1/3 of patients were in complete endoscopic remission

Patients with one or more (n[%]): 138 (49%) 208 (49%) **AEs**

280

11.9

2 (1%)m

0 0

TREMFYA®

186

40.5

100 mg SC q8w

Week 24 responders (click for more info)

200 mg q4w

TREMFYA®

190

39.2

200 mg SC q4w

previously failed

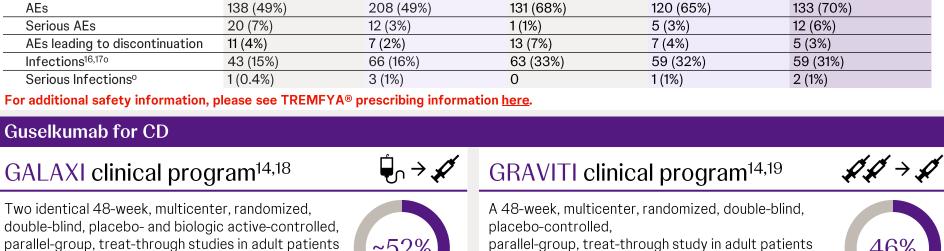
at least 1 biologic

P<0.001

N=347

(n=190)

(n=190)



200 mg IV q4w

421

12.2

1 (0.2%)ⁿ

previously failed

at least 1 biologic

N=1.021

with moderately to severely active CD, who had with moderately to severely active CD, who had inadequate response, loss of response, or intolerance inadequate response, loss of response, or intolerance to oral CS, conventional IMMs, and/or biologic to oral CS, conventional IMMs, and/or biologic

Patients were randomized 2:2:2:1 to receive:

PBO induction responders

10%

0%

GALAXI 2

Clinical

remissionp

Endoscopic

responseq

Deep

AEs, n (%)

follow-up

follow-up

AEs leading to

follow-up

follow-up

Infectionso, n (%)

SAEs, n (%)

Events/100 PYs of

Events/100 PYs of

discontinuation, n (%)

Events/100 PYs of

Events/100 PYs of

vedolizumab; W12, week 12; W48, week 48.

0%

remissions

22%

20%

therapies (TNFi, VDZ).

Patients treated (n)

Deaths

Average follow-up (weeks)

induction dose of STEMARA® ~6 mg/kg IV at Week 12 followed by a maintenance dose of STELARA® 90 mg SC q8w starting at Week 20

Induction: TREMFYA® 200 mg IV or PBO IV at Weeks 0, 4, and 8;

Maintenance: TREMFYA® 200 mg SC q4w starting at Week 12,

TREMFYA® 100 mg SC q8w starting at Week 16, STELARA® 90 mg

SCq8w starting at Week 8, or PBO SC q4w starting at Week 12 in

Patients in the PBO group who met rescue criteria at Week 12 received an

P<0.001

PBO (n=76)

60%

40%

Patients (%)

or STELARA® (ustekinumab) ~6 mg/kg IV at Week 0

GALAXI¹⁸ Select secondary endpoints at Week 12

20%

TREMFYA® (n=289)

TREMFYA® 100 mg SC q8w starting at Week 16, or continued on PBO SC q4w (PBO induction responders) Patients in the PBO group who met rescue criteria at Week 16 received

Co-primary endpoints at Week 12

21%

Other endpoints at Week 48

Patients were randomized 1:1:1 to receive:

Both TREMFYA® IV and SC induction demonstrated clinical remission and endoscopic response at Week 12 Data originated from separate pivotal trials for the biologic. Due to differences in trial designs, this is purely illustrative and should not be used for direct comparisons between agents. GRAVITI¹⁹

an induction dose of TREMFYA® 400 mg SC q4w starting at Week 16

followed by a maintenance dose of TRMFYA® 100 mg SC q8w starting

Induction: TREMFYA® 400 mg SC q4w or PBO SC q4w at Weeks 0, 4, and 8

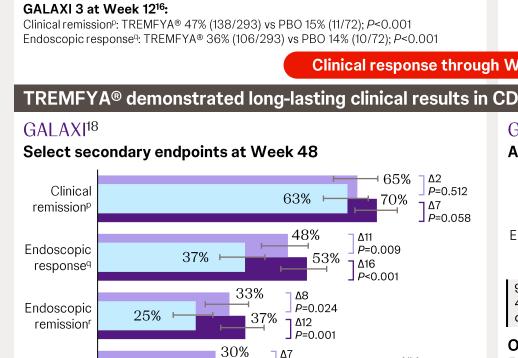
Maintenance: TREMFYA® 200 mg SC q4w starting at Week 12,

Endoscopic 21% responseq P<0.001 0% 20% 40% 60%

TREMFYA® (n=230)

Patients (%)

PBO (n=117)



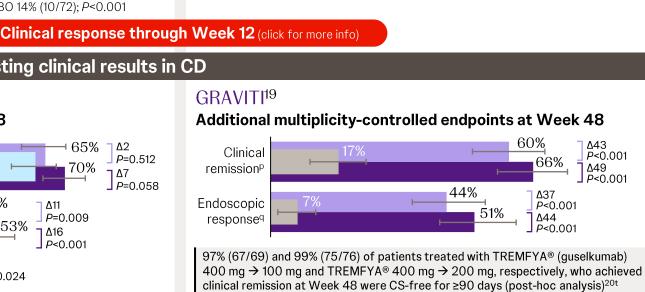
P=0.040

P=0.002

60%

Δ11

40%



Endoscopic remission and deep remission at Week 48 were prespecified but not

34%

40%

Proportion (95% CI) of participants (%)

Λ24

Δ22

TREMFYA® 400 mg SC q4w

→ TREMFYA® 200 mg SC q4w

15.5

6.8

91.8

4 (3.5%)

56 (48.7%)

2 (1.7%)ab

13.2

2.8

70.0

MACARONI 23: Guselkumab for

3 (2.6%)

47 (40.9%)

1 (0.9%)ac

Nominal P<0.05

Nominal P<0.05

80%

Placebo SC

N=117

Nominal P<0.05

Δ30 Nominal *P*<0.05

60%

controlled for multiplicity. No statistical or clinical significance can be made.

20%

Proportion (95% CI) of participants (%) Deep remissions

Endoscopic

remission^r

0%

follow-up

AEs leading to

follow-up

follow-up

Infections, n (%)

discontinuation, n (%)

Events/100 PYs of

Events/100 PYs of

TREMFYA® 400 mg SC q4w

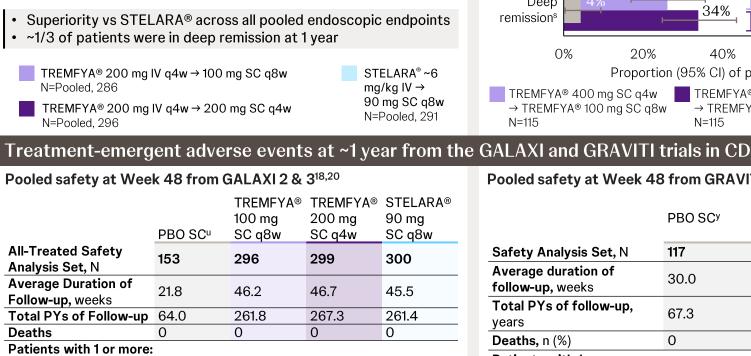
→ TREMFYA® 100 mg SC q8w

All ∆ are

80%

TREMFYA®

vs STELARA®



225

(76.0%)

327.3

14.9

8.4

127

77.9

32 (10.8)

21 (7.1%)

(42.9%)

82 (53.6%)

499.7

32.8

20.3

87.5

13 (8.5%)

39 (25.5%)

for adults with moderately to severely active UC²¹

listed will be filed with and/or approved for marketing by the FDA.

233

(77.9%)

353.5

21 (7.0)

19 (6.4%)

9.7

7.5

147

88.3

(49.2%)

236

(78.7%)

340.5

18.4

8.8

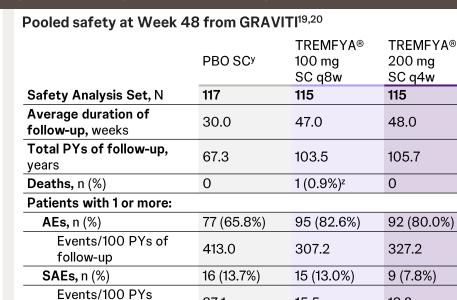
126

77.7

(42.0%)

35 (11.7)

22 (7.3%)



37.1

14.9

81.7

10 (8.5%)

36 (30.8%)

Serious infectionsaa, Serious infectionso, 2 (1.3%)v 0 1 (0.3%)w 3 (1.0%)× 12 (4.0%) For additional safety information, please see TREMFYA® prescribing information here. Future considerations for TREMFYA®: Select ongoing phase 3 trials in IBD

(non-suicidal). aaAn additional serious infection of anal abscess was reported in the PBO → TREMFYA® rescue group. abBronchitis and appendicitis. acGastroenteritis

ASTRO: Guselkumab SC induction and maintenance QUASAR Jr: Guselkumab for pediatric participants

with moderately to severely active UC²² pediatric participants with CD²³ The safety and efficacy of the investigational uses of this product have not been determined. There is no guarantee that the investigational uses For more information on ongoing trials, go to ClinicalTrials.gov. For additional information, please see TREMFYA® prescribing information here. aln the United States. TREMFYA® dosing for moderate to severe plaque PsO and active PsA: 100mg SC at weeks 0 and 4, and q8w thereafter. For moderately to severely active UC, induction: 200 mg IV over at least 1 hour at Weeks 0, 4, and 8; maintenance: 100 mg SC at Week 16 and q8w thereafter OR 200 mg SC at Week 12 and q4w thereafter. Use the lowest effective recommended dosage to

response: decrease from induction baseline in the modified Mayo score (3-component [stool frequency, rectal bleeding, and endoscopy subscores] Mayo score without the physician's global assessment) by ≥30% and ≥2 points, with either a ≥1-point decrease from baseline in the rectal bleeding subscore or a rectal bleeding subscore of 0 or 1. Endoscopic improvement: an endoscopy subscore of 0 or 1 with no friability. Endoscopic remission: an endoscopy subscore of 0. kHEMI: achieving a combination of histologic improvement and endoscopic improvement. CS-free clinical remission: clinical remission without any use of corticosteroids for ≥8 weeks prior to assessment. "Natural causes and cardiac arrest. "Fatal acute myocardial infarction in a patient with pre-existing cardiac risk factors. Defined as any AE coded to MedDRA organ class "Infections and infestations". PClinical remission: CDAI <150.

¶Endoscopic response: ≥50% improvement from baseline in SES-CD or SES-CD ≤2. "Endoscopic response".

remission: SES-CD ≤4 and a ≥2-point reduction from baseline and no subscore greater than 1 in any individual component. Deep remission: clinical remission AND endoscopic remission. CS-free is defined as patients in clinical remission at Week 48 and not receiving CS for ≥90 days prior. Denominator is patients in clinical remission at Week 48. "Events attributed to patients randomized to PBO, except where a patient is randomized to PBO and cross over to STELARA® (only events that occur while patients are on PBO are included). "Liver abscess/bacterial infection and postop wound infection/vascular device infection. "Anal abscess. Acute sinusitis, abscess intestinal, intestinal fistula infection. Includes all PBO patients excluding data after a patient is rescued with TREMFYA®. Fatal gunshot wound

AE, adverse effect; CD, Crohn's disease; CDAI, Clinical Disease Activity Index; CI, confidence interval; EIM, extraintestinal manifestation; GAL, GALAXI; HEMI, histo-endoscopic mucosal improvement; HIV, human immunodeficiency virus; IBD, irritable bowel disease; IL-23i, interleukin-23i; IV, intravenous; LTE, long-term extension; MedDRA, Medical Dictionary for Regulatory Activities; MES, modified endoscopic subscore; PBO, placebo; PMPY, per-member, per-year; PsA, psoriatic arthritis; PsO, psoriasis; PY, patient years; q4w, every 4 weeks; q8w, every 8 weeks; SAE, serious adverse effect; SC, subcutaneous; SES-CD, Simple Endoscopic Score for Crohn's Disease; TOFA, tofacitinib; TNF, tumor necrosis factor; UC, ulcerative colitis; ULN, upper limit of normal; UST, ustekinumab; VDZ,

1. Evernorth. Trend by plan type. Accessed July 6, 2023. https://www.evernorth.com/drug-trend-report/trend-by-plan-type. 2. Scher J, et al. J Rheum Suppl. 2018;94:32-35. 3. Pennington SR, et al. Front

maintain therapeutic response. For moderately to severely active CD: IV induction: 200 mg IV over at least 1 hour at Weeks 0, 4, and 8 OR 400 mg SC given as two consecutive injections of 200 mg each at Weeks 0, 4, and 8; maintenance: 100 mg SC at Week 16 and q8w thereafter OR 200 mg SC at Week 12 and q4w thereafter. Use the lowest effective recommended dosage to maintain therapeutic response. Pretreatment Evaluations: Prior to initiating treatment with TREMFYA®, evaluate patients for tuberculosis (TB) infection, obtain liver enzymes and bilirubin levels, and complete all ageappropriate vaccinations according to current immunization guidelines. Monitoring: Monitor patients for signs and symptoms of active TB during and after treatment with TREMFYA®. For the treatment of CD or UC, monitor liver enzymes and bilirubin levels for at least 16 weeks of treatment, and periodically thereafter according to routine patient management. TREMFYA® is intended for use under the guidance and supervision of a healthcare professional. TREMFYA® may be administered by a healthcare professional, or a patient/caregiver may inject after proper training in subcutaneous injection technique. ⁴Moderately to severely active UC defined as induction baseline modified Mayo score of 5 to 9 with a Mayo rectal bleeding subscore ≥ 1 and a Mayo endoscopic subscore ≥ 2 based on central review. ePlacebo crossover responders at Week 24 are the placebo nonresponders at Week 12 who went on to receive TREMFYA 200 mg IV q4w for 12 weeks and were in clinical response to TREMFYA at Week 24. fPatients from a phase 2b randomized, double-blind, placebo-controlled, induction dose-finding study who demonstrated a clinical response to TREMFYA® were also randomized into the phase 3 maintenance study. 9Clinical remission: Mayo stool frequency subscore of 0 or 1, and not increased from baseline, a Mayo rectal bleeding subscore of 0, and a Mayo endoscopy subscore of 0 or 1 with no friability. hClinical

Med (Lausanne). 2021;8:723944. 4. Ciocon D, Kimball A. Br J Dermatol. 2007;157(5):850-860. 5. Suzuki E, et al. Autoimmunity Rev. 2014;13:496-502. 6. Lowes M, et al. Annu Rev Immunol. 2014;32:227-255. 7. Mease P, et al. J Am Acad Dermatol. 2013;69(5):729-735. 8. Sanchez I, et al. Curr Dermatol Rep. 2018;7(1):59-74. 9. Arvikar S, et al. Curr Rev Musculoskel Med. 2011;4(3):123-131. 10. Levine J, et al. Gastroenterol Hepatol. 2011;7:235-241. 11. Lewis J, et al. Gastroenterology. 2023: 1-9. 12. Ye Y, et al. Inflamm Bowel Dis. 2020;26(4):619-625. 13. The Crohn's & Colitis Foundation of America. The facts about inflammatory bowel diseases. Updated November 2014. Accessed February 20, 2024. https://www.crohnscolitisfoundation.org/sites/default/files/2019-02/Updated%20IBD%20Factbook.pdf. 14. TREMFYA® [Prescribing Information]. Janssen Biotech, Inc. Horsham, PA. 15. Rubin D, et al. Lancet. 2025;405:33-49. 16. Allegretti J, et al. Presented at DDW 2023. May 6-9, 2023. 17. Rubin D, et al. Presented at DDW 2024. May 18-21, 2024. 18. Panaccione R, et al. DDW 2024. May 18-21, 2024. 19. Hart A, et al. Gastroenterology. 2025; doi:10.1053/j.gastro.2025.02.033. 20. Data on File. Janssen Biotech, Inc. Horsham, PA. 21. ASTRO NCT05528510. 22. QUASAR Jr NCT06260163. 23. MACARONI 23 NCT0592307

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EVIDENCE SUMMARY:

TREMFYA® (guselkumab) for moderately to severely active ulcerative colitis or Crohn's disease

Inflammatory conditions are complex and may present

with extra-intestinal, extra-articular, and extra-

Inflammatory conditions have a significant impact on the patient and healthcare system

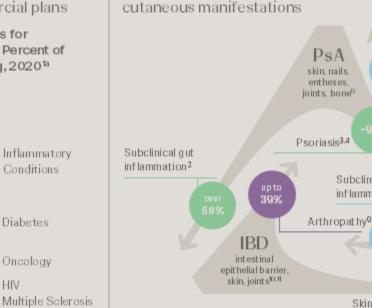
Immunologic therapies present the highest cost burden for commercial plans

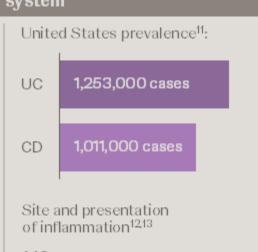
Top 5 Therapy Classes for Commercial Plans, by Percent of Total PMPY Spending, 2020^{ta}

60% 50% Inflammatory 21% 40% Conditions 30% Diabetes 20%

5%

4%





UC:

Colon and the rectum, typically appears in a continuous pattern

CD: Anywhere in the GI tract from the mouth to the anus, may appear in patches

fully human IL-23i indicated for the treatment of adults with 14b: Moderate-to-severe plaque psoriasis who are candidates for systemic therapy or phototherapy

TREMFYA® (guselkumab) is a

Oncology

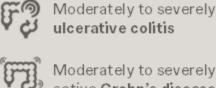


10%

Active psoriatic arthritis



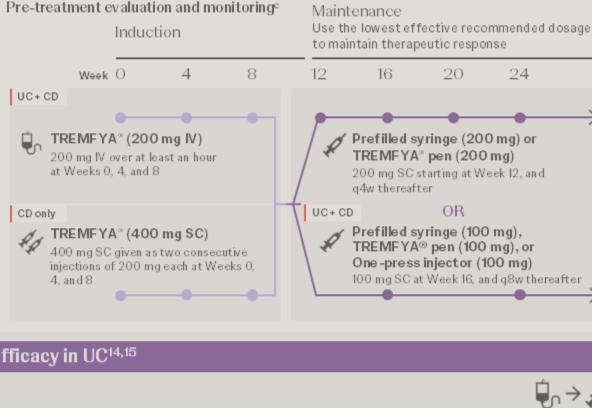
Moderately to severely active ulcerative colitis



active Crohn's disease TREMFYA® has demonstrated clinical efficacy in UC14,15

QUASAR clinical program





Psoriatic

arthritis7

Ps0

skin, scalp.

Subclinical gut inflammation8

Skin ElMs¹⁰

adult patients with moderately to severely active UC & prior response or intolerance to conventional or advanced therapy. 15d The induction study (N=701) randomized patients 3:2 to receive TREMFYA® 200 mg IV q4w or placebo IV.14,15 The

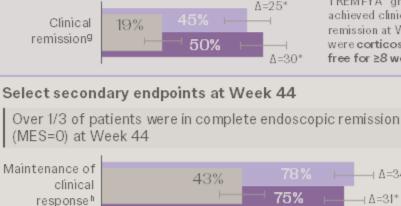
maintenance study (N=568) took TREMFYA® Week 12 induction clinical responders and placebo crossover Week 24 responders® and rerandomized 1:1:1[†] to receive TREMFYA® 200 mg SC q4w, TREMFYA® 100 mg SC q8w, or placebo SC.¹⁵

Primary endpoint at Week 12

TREMFYA® demonstrated fast-acting and long-lasting clinical results in UC 14,15

TREMEYA" was evaluated in multicenter, randomized, double-blind, placebo-controlled induction and maintenance studies in





Primary endpoint at Week 44

(TNFis, VDZ, or TOFA) 99% (178/180) of patients in the combined

of patients had prior

inadequate response

TREMFYA® group who

remission at Week 44

were corticosteroid-

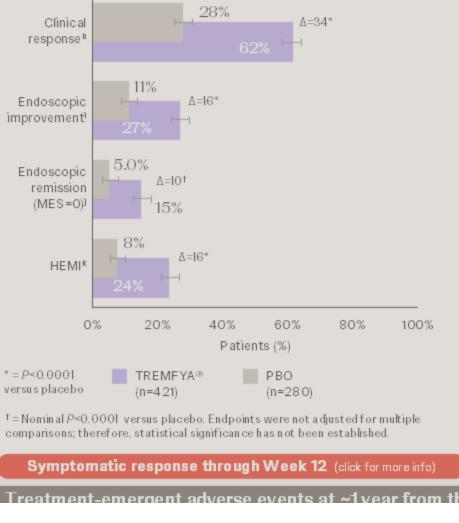
free for ≥8 week s¹⁵

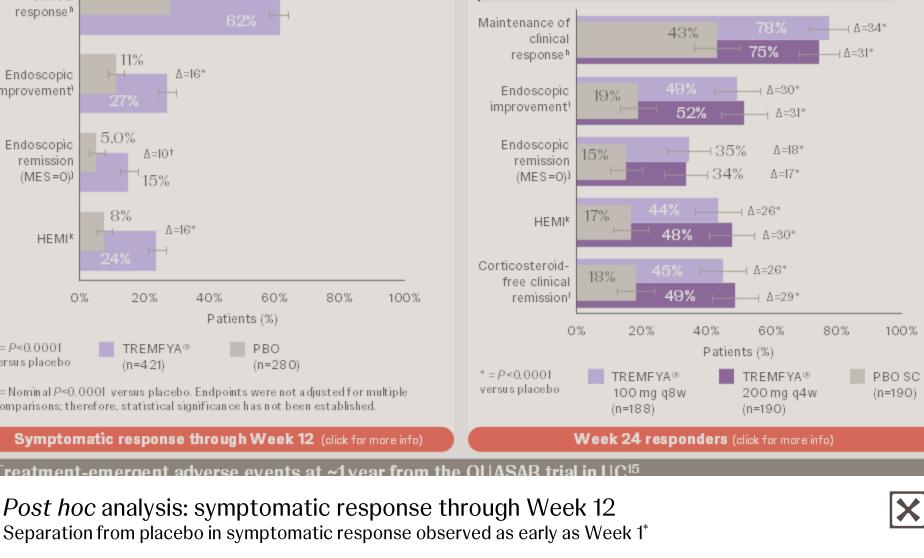
achieved clinical

or intolerance to

advanced therapy

49%





100

60

PBO induction responders

GALAXI¹⁸

GALAXI 3 at Week 1216:

Clinical

remissionp

Endoscopic

Endoscopic

remission!

remissions

Deep

0%

All-Treated Safety

Average Duration of

Patients with 1 or more:

Total PYs of Follow-up 64.0

Events/100 PYs of

Events/100 PYs of

Follow-up, weeks

Analysis Set, N

AEs, n (%)

follow-up

follow-up

AEs leading to

SAEs,n(%)

responseq

80 72 66

53

Proportion of patients (%) 40 35 34 40 30 28 24 19 20 0 2 12 1 4 8 Week Based on visual separation between TREMFYA® and placebo as early as Week 1. Symptomatic response data through Week 12 were post hoc analyses and not adjusted for multiplicity. No statistical or clinical significance can be made. IV, intravenous; PBO, placebo. Rubin D, et al. Lancet. 2025;405:33-49. Induction: TREMFYA® 200 mg IV or PBO IV at Weeks 0, 4, and 8; or STELARA® (ustekinumab) ~6 mg/kg IV at Week 0 Maintenance: TREMFYA® 200 mg SC q4w starting at Week 12, Maintenance: TREMFYA® 200 mg SC q4w starting at Week 12, TREMFYA® 100 mg SC q8w starting at Week 16, STELARA® 90 mg q4 w (PBO induction responders)

PBO IV (N=280)TREMFYA® 200 mg IV (N=421)Induction: TREMFYA® 400 mg SC q4w or PBO SC q4w at Weeks 0,4, and 8 TREMFYA® 100 mg SC q8w starting at Week 16, or continued on PBO SC Patients in the PBO group who met rescue criteria at Week 16 received

P < 0.001

60%

66%

Δ37 P<0.001

Δ44 P<0.001

Nominal P<0.05

Nominal *P*< 0.05 ₪

Nominal P<0.05

Nominal P<0.05

95 (82.6%)

15 (13.0%)

4 (3.5%)

307.2

15.5

60%

∆49 *P*<0.001

80%

92 (80.0%)

327.2

13.2

9 (7.8%)

3 (2.6%)

Symptomatic remission

with TREMFYA® vs

was significantly greater

placebo at the first study

visit (Week 4, 23% vs 13%, P<0.001) and at Week 12

(50% vs 21%, P<0.0001)

Both TREMFYA® IV and SC induction demonstrated clinical remission and endoscopic response at Week 12 Data originated from separate pivotal trials for the biologic. Due to differences in trial designs, this is purely illustrative and should not be used for direct comparisons between agents.

at Week 32

GRAVITI¹⁹

Endoscopic

responseq

remissionp

Endoscopic

responseq

Deep

Patients with 1 or more:

Events/100 PYs of

Events/100 PYs

AEs, n (%)

follow-up

follow-up

SAEs,n(%)

remissions

Other endpoints at Week 48

21%

0%

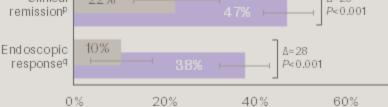
Select secondary endpoints at Week 12 GALAXI 2 Clinical

SCq8w starting at Week 8, or PBO SC q4w starting at Week 12 in

induction dose of STEMARA® ~6 mg/kg IV at Week 12 followed by a

maintenance dose of STELARA® 90 mg SC q8w starting at Week 20

Patients in the PBO group who met rescue criteria at Week 12 received an



TREMFYA® (n=289)

Select secondary endpoints at Week 48

25%

37%

~1/3 of patients were in deep remission at 1 year

PBO SC^u

82 (53.6%)

16 (10.5)

32.8

153

21.8

0

TREMFYA® demonstrated long-lasting clinical results in CD GALAXI¹⁸

30%

40%

Proportion (95% CI) of participants (%)

Superiority vs STELARA® across all pooled endoscopic endpoints

Clinical remission^p: TREMFYA @ 47% (138/293) vs PBO 15% (11/72); P<0.001 Endoscopic response4: TREMFYA @ 36% (106/293) vs PBO 14% (10/72); P<0.001

Patients (%)

PBO (n=76)

63%

48%

Δ8

η Δ12

P = 0.040

P=0.024

P=0.001

53%

65%

70%

Δ11

Δ16

200 mg

SCq4w

299

46.7

267.3

0

233

(77.9%)

353.5

21 (7.0)

9.7

P=0.009

P<0.001

Δ2

All ∆ are

TREMFYA®

90 mg

300

45.5

261.4

0

236

(78.7%)

340.5

18.4

35 (11.7)

SCq8w

P = 0.512

P=0.058

Co-primary endpoints at Week 12 Clinical P < 0.001remissionp

40%

44%

an induction dose of TREMFYA # 400 mg SC q4w starting at Week 16

followed by a maintenance dose of TRMFYA® 100 mg SC q8w starting



97% (67/69) and 99% (75/76) of patients treated with TREMFYA® (guselkumab)

clinical remission at Week 48 were CS-free for ≥90 days (post-hoc analysis)^{20t}

Endoscopic remission and deep remission at Week 48 were prespecified but not

26%

20%

34%

40%

Proportion (95% CI) of participants (%)

400 mg → 100 mg and TREMFYA® 400 mg → 200 mg, respectively, who achieved

20%

controlled for multiplicity. No statistical or clinical significance can be made. Δ11 P=0.002 vs STELARA® Endoscopic 80% 60% remission^r

TREMFYA® 200 mg IV q4w → 100 mg SC q8w STELARA® ~6 N=Pooled, 286 mg/kg IV → 90 mg SC q8w TREMFYA® 200 mg IV q4w → 200 mg SC q4w N=Pooled, 291 Treatment-emergent adverse events at ~1 year from the GALAXI and GRAVITI trials in CD Pooled safety at Week 48 from GALAXI 2 & 318,20 TREMFYA® TREMFYA® STELARA®

100 mg

SCq8w

296

46.2

261.8

0

225

(76.0%)

327.3

14.9

32 (10.8)

TREMFYA® 400 mg SC q4w Placebo SC TREMFYA® 400 mg SC q4w → TREMFYA®100 mg SC q8w → TREMFYA® 200 mg SC q4w N=117 Pooled safety at Week 48 from GRAVITI19,20 TREMFYA® TREMFYA® PBO S CY 100 mg 200 mg SCq4w SCq8w Safety Analysis Set, N 115 115 117 Average duration of 48.0 30.0 47.0 follow-up, weeks Total PYs of follow-up, 105.7 67.3 103.5 years Deaths, n (%) 1 (0.9%)z 0

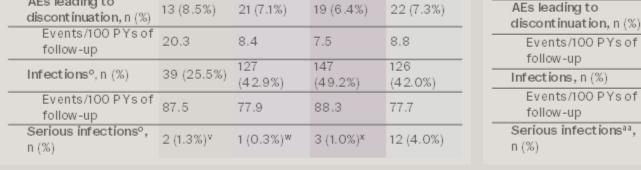
77 (65.8%)

16 (13.7%)

10 (8.5%)

413.0

37.1



Events/100 PYs of 36 (30.8%) 56 (48.7%) 47 (40.9%) Events/100 PYs of 81.7 70.0 91.8 Serious infections33, 2 (1.7%) ab 1(0.9%) ** For additional safety information, please see TREMFY A® prescribing information here. Future considerations for TREMFYA®: Select ongoing phase 3 trials in IBD MACARONI 23: Guselkumab for pediatric participants with CD23 The safety and efficacy of the investigational uses of this product have not been determined. There is no guarantee that the investigational uses For more information on ongoing trials, go to ClinicalTrials.gov. For additional information, please see TREMFYA® prescribing information here. In the United States. TREMFYA® dosing for moderate to severe plaque PsO and active PsA: 100 mg SC at weeks 0 and 4, and q8w thereafter. For moderately to severely active UC, induction: 200 mg IV over at least 1 hour at Weeks 0, 4, and 8; maintenance: 100 mg SC at Week 16 and q8w thereafter OR 200 mg SC at Week 12 and q4w thereafter. Use the lowest effective recommended dosage to maintain therapeutic response. For moderately to severely active CD: IV induction: 200 mg IV over at least 1 hour at Weeks 0, 4, and 8 OR 400 mg SC given as two consecutive injections of 200 mg each at Weeks 0, 4, and 8; maintenance: 100 mg SC at Week 16 and q8w thereafter OR 200 mg SC at Week 12 and q4w thereafter. Use the lowest effective recommended dosage to maintain therapeutic

9Clinical remission: Mayo stool frequency subscore of 0 or 1, and not increased from baseline, a Mayo rectal bleeding subscore of 0, and a Mayo endoscopy subscore of 0 or 1 with no friability. Clinical response: decrease from induction baseline in the modified Mayo score (3-component [stool frequency, rectal bleeding, and endoscopy subscores] Mayo score without the physician's global assessment) by ≥30% and ≥2 points, with either a ≥1-point decrease from baseline in the rectal bleeding subscore or a rectal bleeding subscore of 0 or 1.4 Endoscopic improvement; an endoscopy subscore of 0 or 1 with no finability. JEndoscopic remission: an endoscopy subscore of 0. MEMI: achieving a combination of histologic improvement and endoscopic improvement. ICS-free clinical remission: clinical remission without any use of corticosteroids for ≥8 weeks prior to assessment. "Natural causes and cardiac arrest." Fatal acute myocardial infarction in a patient with pre-existing cardiac risk factors. "Defined as any AE coded to MedDRA organ class "Infections and infestations". PClinical remission: CDAI <150. 9Endoscopic response: ≥50% improvement from baseline in SES-CD or SES-CD ≤2. 1Endoscopic remission: SES-CD ≤4 and a ≥2-point reduction from baseline and no subscore greater than 1 in any individual component. 1Deep remission: dinical remission AND endoscopic remission. 1Deep remission: dinical remission AND endoscopic remission. as patients in clinical remission at Week 48 and not receiving CS for≥90 days prior. Denominator is patients in clinical remission at Week 48. "Events attributed to patients randomized to PBO, except where a patient is randomized to PBO and cross over to STELARA® (only events that occur while patients are on PBO are included). "Liver abscess/bacterial infection and postop wound infection/vascular device infection. wAnal abscess. *Acute sinusitis, abscess intestinal, intestinal fistula infection. *Includes all PBO patients excluding data after a patient is rescued with TREMFY A®. *Fatal gunshot wound (non-suicidal). ^{aa}An additional serious infection of anal abscess was reported in the PBO → TREMFYA® rescue group. ^{ab}Bronchitis and appendicitis, ^{ac}Gastroenteritis AE, adverse effect; CD, Crohn's disease; CDAI, Clinical Disease Activity Index; CI, confidence interval; EIM, extraintestinal manifestation; GAL, GALAXI; HEMI, histo-endoscopic mucosal improvement; HIV, human immunodeficiency virus; IBD, irritable bowel disease; IL-23i, interleukin-23i; IV, intravenous; LTE, long-term extension; MedDRA, Medical Dictionary for Regulatory Activities; MES, modified

endoscopic subscore; PBO, placebo; PMPY, per-member, per-year, PsA, psoriatic arthritis; PsO, psoriasis; PY, patient years; q4w, every 4 weeks; q8w, every 8 weeks; SAE, serious adverse effect; SC, subcutaneous; SES-CD, Simple Endoscopic Score for Crohn's Disease; TOFA, tofacitinib; TNF, tumor necrosis factor; UC, ulcerative colitis; ULN, upper limit of normal; UST, ustekinumab; VDZ,

Gastroenterol Hepatol. 2011;7:235-241.11. Lewis J, et al. Gastroenterology. 2023:1-9.12. Ye Y, et al. Inflamm Bowel Dis. 2020;26(4):619-625.13. The Crohn's & Colitis Foundation of America.

1. Evernorth, Trend by plan type. Accessed July 6, 2023, https://www.evernorth.com/drug-trend-report/trend-by-plan-type, 2. Scher J, et al. J Rheum Suppl. 2018;94:32-35. 3. Penningt on SR, et al. Front Med (Lausanne). 2021;8:723944. 4. Ciocon D, Kimball A. Br.J. Dermatol. 2007;157(5):850-860. 5. Suzuki E, et al. Autoimmunity Rev. 2014;13:496-502. 6. Lowes M, et al. Annu Rev Immunol. 2014;32:227-255. 7. Mease P, et al. J Am Acad Dermatol. 2013;69(5):729-735. 8. Sanchez I, et al. Curr Dermatol Rep. 2018;7(1):59-74. 9. Arvikar S, et al. Curr Rev Musculoskel Med. 2011;4(3):123-131. 10. Levine J, et al.

technique. 4Moderately to severely active UC defined as induction baseline modified. May o score of 5 to 9 with a May o rectal bleeding subscore ≥ 1 and a May o endoscopic subscore ≥ 2 based on central

Johnson&Johnson

vedolizumab; W12, week 12; W48, week 48.

The facts about inflammatory bowel diseases. Updated November 2014. Accessed February 20, 2024. https://www.crohnscolitisfoundation.org/sites/default/files/2019-02/Updated%20IBD%20Factbook.pdf. 14. TREMEY A® [Prescribing Information]. Janssen Biotech, Inc. Horsham, P.A. 15. Rubin D, et al. Lancet. 2025;405:33-49. 16. Allegretti J, et al. Presented at DDW 2023. May 6-9, 2023. 17. Rubin D, et al. Presented at DDW 2024. May 18-21, 2024. 18. Pana ocione R, et al. DDW 2024. May 18-21, 2024. 19. Hart A, et al. Gastroenterology. 2025 doi:10.1053/j.gastro.2025.02.033.20, Data on File, Janssen Biotech, Inc. Horsham, PA. 21. ASTRO NCT0 5528510. 22. QUASAR Jr NCT0 6260163. 23. MACARONI 23 NCT0 592307 US-SFM-6481 04/25 © Janssen Scientific Affairs, LLC. 2024. Provided in response to a medical information request; no further use permitted. TREMFY A® is a trademark of Janssen Biotech, Inc.

ASTRO: Guselkumab SC induction and maintenance QUASAR Jr: Guselkumab for pediatric participants for adults with moderately to severely active UC 21 with moderately to severely active UC 22

listed will be filed with and/or approved for marketing by the FDA.

response. Pretreatment Evaluations: Prior to initiating treatment with TREMEYA®, evaluate patients for tuberculosis (TB) infection, obtain liver enzymes and bilirubin levels, and complete all age appropriate vaccinations according to current immunization guidelines. Monitoring: Monitor patients for signs and symptoms of active TB during and after treatment with TREMEYA®. For the treatment of CD or UC, monitor liver enzymes and bilirubin levels for at least 16 weeks of treatment, and periodically thereafter according to routine patient management. TREMFY A® is intended for use under the guidance and supervision of a healthcare professional. TREMFY A® may be administered by a healthcare professional, or a patient/caregiver may inject after proper training in subcutaneous injection

review. Placebo crossover responders at Week 24 are the placebo nonresponders at Week 12 who went on to receive TREMFY A 200 mg IV c4w for 12 weeks and were in clinical response to TREMFY A at Week 24. Patients from a phase 2b randomized, double-blind, placebo-controlled, induction dose-finding study who demonstrated a clinical response to TREMEYA® were also randomized into the phase 3 maintenance study.

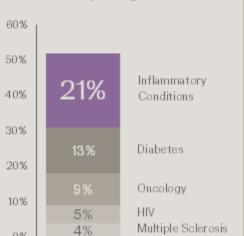
EVIDENCE SUMMARY: TREMFYA® (guselkumab) for moderately to severely

active ulcerative colitis or Crohn's disease

Immunologic therapies present the highest cost burden for commercial plans

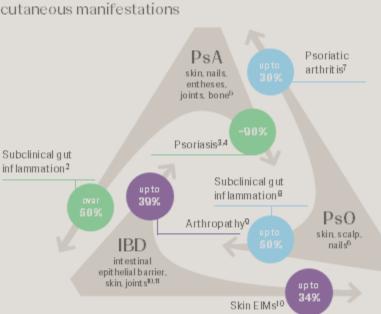
Top 5 Therapy Classes for Commercial Plans, by Percent of

Total PMPY Spending, 2020^{ta} 60% 50% Inflammatory

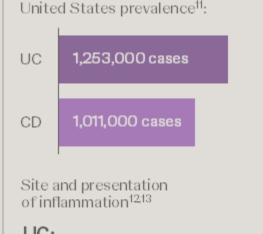


Inflammatory conditions are complex and may present with extra-intestinal, extra-articular, and extracutaneous manifestations

Inflammatory conditions have a significant impact on the patient and healthcare system



Pre-treatment evaluation and monitorings



UC: Colon and the rectum, typically appears in a continuous pattern

CD: Anywhere in the GI tract from the mouth to the anus, may appear in patches

the treatment of adults with 14b: Moderate-to-severe plaque psoriasis who are candidates for systemic therapy or phototherapy

TREMFYA® (guselkumab) is a

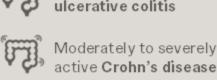
fully human IL-23i indicated for



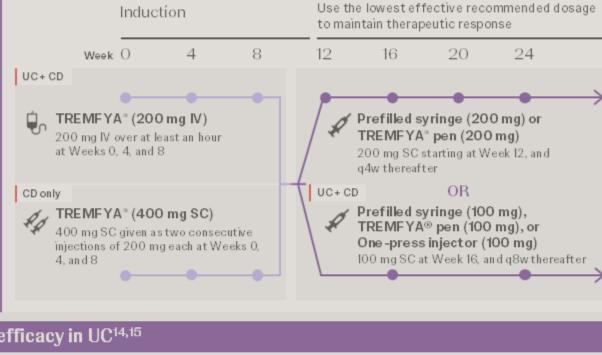
Active psoriatic arthritis



ulcerative colitis Moderately to severely



TREMFYA® has demonstrated clinical efficacy in UC14,15 QUASAR clinical program



adult patients with moderately to severely active UC & prior response or intolerance to conventional or advanced therapy. 15d The induction study (N=701) randomized patients 3:2 to receive TREMFYA® 200 mg IV q4w or placebo IV.14,15 The

maintenance study (N=568) took TREMFYA® Week 12 induction clinical responders and placebo crossover Week 24 responders® and rerandomized 1:1:1[†] to receive TREMFYA® 200 mg SC q4w, TREMFYA® 100 mg SC q8w, or placebo SC.¹⁵

Primary endpoint at Week 12

TREMFYA® demonstrated fast-acting and long-lasting clinical results in UC 14,15

TREMEYA" was evaluated in multicenter, randomized, double-blind, placebo-controlled induction and maintenance studies in

Clinical ∆=15* remission^g Select secondary endpoints at Week 12 28% Δ=34* Clinical

Δ=25* Clinical 19% remission^g Select secondary endpoints at Week 44 Over 1/3 of patients were in complete endoscopic remission (MES=0) at Week 44 Maintenance of 43% clinical

Primary endpoint at Week 44

(TNFis, VDZ, or TOFA) 99% (178/180) of patients in the combined TREMFYA® group who achieved clinical

of patients had prior

inadequate response

or intolerance to

advanced therapy

remission at Week 44

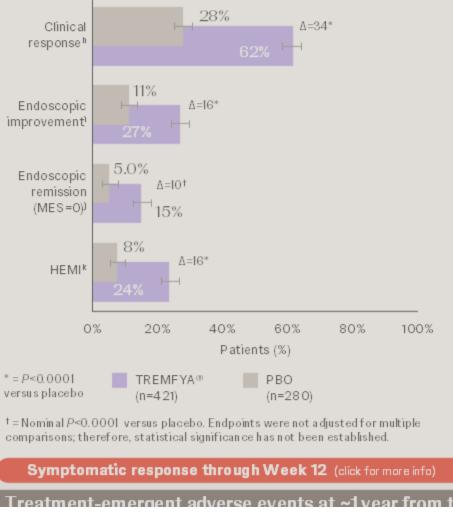
- Δ=34*

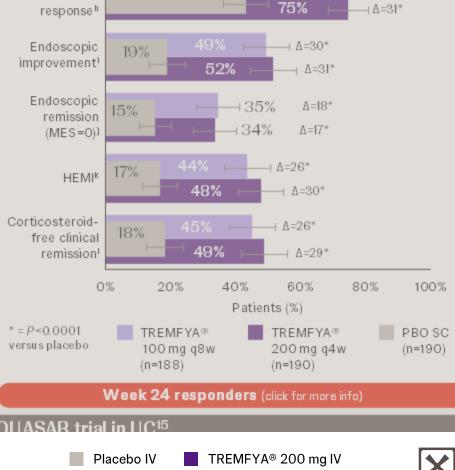
Week 12 62%

259/421

were corticosteroidfree for≥8 week s¹⁵

49%





Clinical response at Week 12¹ Clinical response at Week 24²

∆=34%

P<0.0001a

Clinical response at Week 12 or Week 24

Among Week 12 clinical nonresponders to TREMFYA® IV induction who

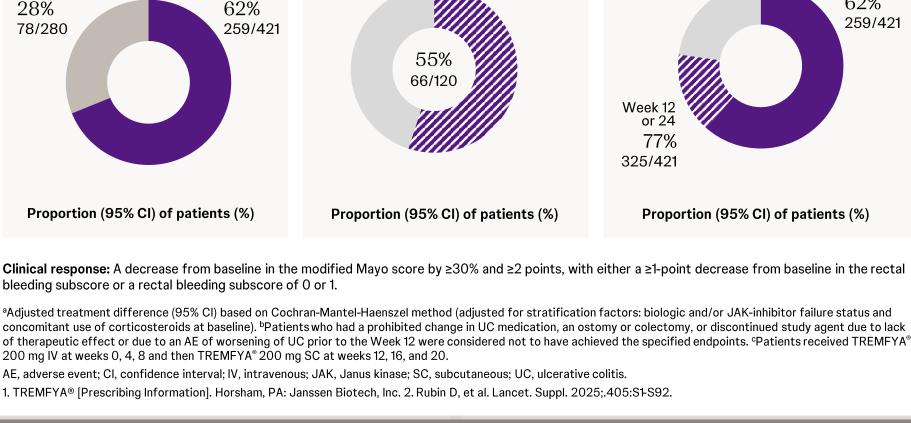
received additional TREMFYA®

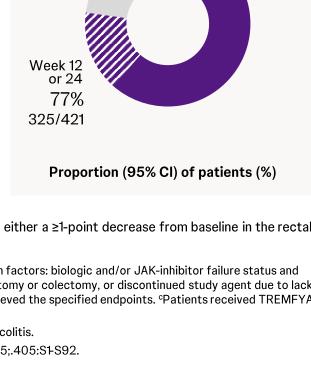
(guselkumab) SC treatmentb

TREMFYA® 200 mg IV → TREMFYA® 200 mg SC^c

at Week 12 or 24²

Cumulative clinical response





P < 0.001

Nominal P<0.05

Nominal *P*< 0.05 ₪

Nominal P<0.05

Nominal P<0.05

60%

80%

3 (2.6%)

47 (40.9%)

1(0.9%) **

70.0

MACARONI 23: Guselkumab for

pediatric participants with CD23

Placebo SC

N=117

60%

40%

Data originated from separate pivotal trials for the biologic. Due to differences in trial designs, this is purely illustrative and should not be used for direct comparisons between agents. GRAVITI¹⁹ GAL AXI¹⁸

Both TREMFYA® IV and SC induction demonstrated clinical remission and endoscopic response at Week 12

Select secondary endpoints at Week 12 Co-primary endpoints at Week 12 GALAXI 2 Clinical Clinical P < 0.001remissionp remissionp

Endoscopic

responseq

0%

Other endpoints at Week 48

TREMFYA® 400 mg SC q4w

→ TREMFYA®100 mg SC q8w

GALAXI 3 at Week 1216: Clinical remissionP: TREMFYA @ 47% (138/293) vs PBO 15% (11/72): P<0.001 Endoscopic response4: TREMFYA © 36% (106/293) vs PBO 14% (10/72); P<0.001 TREMFYA® demonstrated long-lasting clinical results in CD GALAXI¹⁸ Select secondary endpoints at Week 48 65% Δ2 Clinical P = 0.51263% remissionp P=0.058 48% Δ11 Endoscopic P=0.00937% 53% Δ16 responseq P<0.001

30%

40%

Superiority vs STELARA® across all pooled endoscopic endpoints

~1/3 of patients were in deep remission at 1 year

PBO SC^u

82 (53.6%)

16 (10.5)

153

21.8

0

TREMFYA® 200 mg IV q4w → 100 mg SC q8w

P<0.001

PBO (n=76)

Δ8

Δ12

P = 0.040

Δ11 P=0.002

P=0.024

P=0.001

60%

40%

Patients (%)

Endoscopic

Endoscopic

remission!

remissions

Deep

0%

N=Pooled, 286

All-Treated Safety

Average Duration of

Patients with 1 or more:

Total PYs of Follow-up 64.0

Events/100 PYs of

Events/100 PYs of

Follow-up, weeks

Analysis Set, N

AEs, n (%)

follow-up

SAEs,n(%)

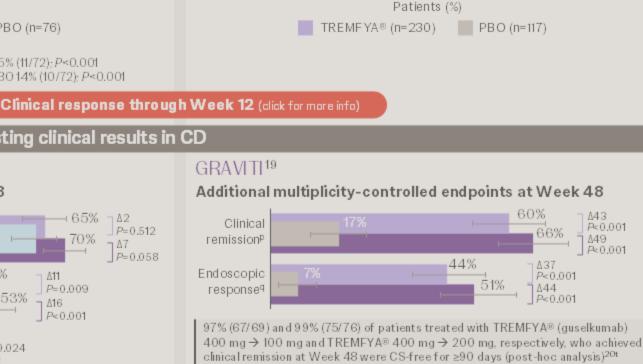
25%

responseq

0%

20%

TREMFYA® (n=289)



Endoscopic remission and deep remission at Week 48 were prespecified but not

controlled for multiplicity. No statistical or clinical significance can be made.

26%

20%

34%

40%

Proportion (95% CI) of participants (%)

TREMFYA® 400 mg SC q4w

→ TREMFYA® 200 mg SC q4w

4 (3.5%)

56 (48.7%)

2 (1.7%) ab

91.8

20%

60% 80% remission^r Proportion (95% CI) of participants (%) Deep

Endoscopic

remissions

All ∆ are

STELARA® ~6

SCq8w

300

45.5

261.4

0

236

(78.7%)

340.5

35 (11.7)

mg/kg IV →

TREMFYA®

vs STELARA®

90 mg SC q8w TREMFYA® 200 mg IV q4w → 200 mg SC q4w N=Pooled, 291 Freatment-emergent adverse events at ~1 year from the GALAXI and GRAVITI trials in CD Pooled safety at Week 48 from GALAXI 2 & 318,20 TREMFYA® TREMFYA® STELARA® 200 mg 100 mg 90 mg

SCq8w

296

46.2

261.8

0

225

(76.0%)

327.3

32 (10.8)

SCq4w

299

46.7

267.3

0

233

(77.9%)

353.5

21 (7.0)

Pooled safety at Week 48 from GRAVITI19,20 TREMFYA® TREMFYA® 100 mg 200 mg PBO S CY SCq4w SCq8w Safety Analysis Set, N 115 115 117 Average duration of 48.0 30.0 47.0 follow-up, weeks Total PYs of follow-up, 105.7 67.3 103.5 years Deaths, n (%) 1 (0.9%)z 0 Patients with 1 or more: AEs, n (%) 77 (65.8%) 95 (82.6%) 92 (80.0%) Events/100 PYs of 413.0 307.2 327.2 follow-up SAEs,n(%) 16 (13.7%) 15 (13.0%) 9 (7.8%) Events/100 PYs 37.1 15.5 13.2

10 (8.5%)

36 (30.8%)

81.7



The safety and efficacy of the investigational uses of this product have not been determined. There is no guarantee that the investigational uses listed will be filed with and/or approved for marketing by the FDA. For more information on ongoing trials, go to ClinicalTrials.gov. For additional information, please see TREMFYA® prescribing information here.

for adults with moderately to severely active UC 21 with moderately to severely active UC 22

ASTRO: Guselkumab SC induction and maintenance QUASAR Jr: Guselkumab for pediatric participants

In the United States. TREMFYA® dosing for moderate to severe plaque PsO and active PsA: 100 mg SC at weeks 0 and 4, and q8w thereafter. For moderately to severely active UC, induction: 200 mg IV over at least 1 hour at Weeks 0, 4, and 8; maintenance: 100 mg SC at Week 16 and q8w thereafter OR 200 mg SC at Week 12 and q4w thereafter. Use the lowest effective recommended dosage to maintain therapeutic response. For moderately to severely active CD: IV induction: 200 mg IV over at least 1 hour at Weeks 0, 4, and 8 OR 400 mg SC given as two consecutive injections of 200 mg each at Weeks 0, 4, and 8; maintenance: 100 mg SC at Week 16 and q8w thereafter OR 200 mg SC at Week 12 and q4w thereafter. Use the lowest effective recommended dosage to maintain therapeutic response. Pretreatment Evaluations: Prior to initiating treatment with TREMEYA®, evaluate patients for tuberculosis (TB) infection, obtain liver enzymes and bilirubin levels, and complete all age appropriate vaccinations according to current immunization guidelines. Monitoring: Monitor patients for signs and symptoms of active TB during and after treatment with TREMEYA®. For the treatment of CD or UC, monitor liver enzymes and bilirubin levels for at least 16 weeks of treatment, and periodically thereafter according to routine patient management. TREMFY A® is intended for use under the guidance and supervision of a healthcare professional. TREMFY A® may be administered by a healthcare professional, or a patient/caregiver may inject after proper training in subcutaneous injection

technique. 4Moderately to severely active UC defined as induction baseline modified. May o score of 5 to 9 with a May o rectal bleeding subscore ≥ 1 and a May o endoscopic subscore ≥ 2 based on central review. Placebo crossover responders at Week 24 are the placebo nonresponders at Week 12 who went on to receive TREMFY A 200 mg IV c4w for 12 weeks and were in clinical response to TREMFY A at Week 24. Patients from a phase 2b randomized, double-blind, placebo-controlled, induction dose-finding study who demonstrated a clinical response to TREMEYA® were also randomized into the phase 3 maintenance study. 9Clinical remission: Mayo stool frequency subscore of 0 or 1, and not increased from baseline, a Mayo rectal bleeding subscore of 0, and a Mayo endoscopy subscore of 0 or 1 with no friability. Clinical response: decrease from induction baseline in the modified Mayo score (3-component [stool frequency, rectal bleeding, and endoscopy subscores] Mayo score without the physician's global assessment) by ≥30% and ≥2 points, with either a ≥1-point decrease from baseline in the rectal bleeding subscore or a rectal bleeding subscore of 0 or 1.4 Endoscopic improvement; an endoscopy subscore of 0 or 1 with no finability. JEndoscopic remission: an endoscopy subscore of 0. MEMI: achieving a combination of histologic improvement and endoscopic improvement. ICS-free clinical remission: clinical remission without any use of corticosteroids for ≥8 weeks prior to assessment. "Natural causes and cardiac arrest." Fatal acute myocardial infarction in a patient with pre-existing cardiac risk factors. "Defined as any AE coded to MedDRA organ class "Infections and infestations". PClinical remission: CDAI <150. 9Endoscopic response: ≥50% improvement from baseline in SES-CD or SES-CD ≤2. 1Endoscopic remission: SES-CD ≤4 and a ≥2-point reduction from baseline and no subscore greater than 1 in any individual component. 1Deep remission: dinical remission AND endoscopic remission. 1Deep remission: dinical remission AND endoscopic remission. as patients in clinical remission at Week 48 and not receiving CS for≥90 days prior. Denominator is patients in clinical remission at Week 48. "Events attributed to patients randomized to PBO, except where a patient is randomized to PBO and cross over to STELARA® (only events that occur while patients are on PBO are included). "Liver abscess/bacterial infection and postop wound infection/vascular device infection. wAnal abscess. *Acute sinusitis, abscess intestinal, intestinal fistula infection. *Includes all PBO patients excluding data after a patient is rescued with TREMFY A®. *Fatal gunshot wound (non-suicidal). ^{aa}An additional serious infection of anal abscess was reported in the PBO → TREMFYA® rescue group. ^{ab}Bronchitis and appendicitis, ^{ac}Gastroenteritis AE, adverse effect; CD, Crohn's disease; CDAI, Clinical Disease Activity Index; CI, confidence interval; EIM, extraintestinal manifestation; GAL, GALAXI; HEMI, histo-endoscopic mucosal improvement; HIV, human immunodeficiency virus; IBD, irritable bowel disease; IL-23i, interleukin-23i; IV, intravenous; LTE, long-term extension; MedDRA, Medical Dictionary for Regulatory Activities; MES, modified endoscopic subscore; PBO, placebo; PMPY, per-member, per-year, PsA, psoriatic arthritis; PsO, psoriasis; PY, patient years; q4w, every 4 weeks; q8w, every 8 weeks; SAE, serious adverse effect; SC, subcutaneous; SES-CD, Simple Endoscopic Score for Crohn's Disease; TOFA, tofacitinib; TNF, tumor necrosis factor; UC, ulcerative colitis; ULN, upper limit of normal; UST, ustekinumab; VDZ, vedolizumab; W12, week 12; W48, week 48. 1. Evernorth, Trend by plan type. Accessed July 6, 2023, https://www.evernorth.com/drug-trend-report/trend-by-plan-type, 2. Scher J, et al. J Rheum Suppl. 2018;94:32-35. 3. Penningt on SR, et al. Front Med (Lausanne). 2021;8:723944. 4. Ciocon D, Kimball A. Br.J. Dermatol. 2007;157(5):850-860. 5. Suzuki E, et al. Autoimmunity Rev. 2014;13:496-502. 6. Lowes M, et al. Annu Rev Immunol. 2014;32:227-255. 7. Mease P, et al. J Am Acad Dermatol. 2013;69(5):729-735. 8. Sanchez I, et al. Curr Dermatol Rep. 2018;7(1):59-74. 9. Arvikar S, et al. Curr Rev Musculoskel Med. 2011;4(3):123-131. 10. Levine J, et al.

Gastroenterol Hepatol. 2011;7:235-241.11. Lewis J, et al. Gastroenterology. 2023:1-9.12. Ye Y, et al. Inflamm Bowel Dis. 2020;26(4):619-625.13. The Crohn's & Colitis Foundation of America.

The facts about inflammatory bowel diseases. Updated November 2014. Accessed February 20, 2024. https://www.crohnscolitisfoundation.org/sites/default/files/2019-02/Updated%20IBD%20Factbook.pdf. 14. TREMEY A® [Prescribing Information]. Janssen Biotech, Inc. Horsham, P.A. 15. Rubin D, et al. Lancet. 2025;405:33-49. 16. Allegretti J, et al. Presented at DDW

2023. May 6-9, 2023. 17. Rubin D, et al. Presented at DDW 2024. May 18-21, 2024. 18. Pana ocione R, et al. DDW 2024. May 18-21, 2024. 19. Hart A, et al. Gastroenterology. 2025 Johnson&Johnson

doi:10.1053/j.gastro.2025.02.033.20, Data on File, Janssen Biotech, Inc. Horsham, PA. 21. ASTRO NCT0 5528510. 22. QUASAR Jr NCT0 6260163. 23. MACARONI 23 NCT0 592307 US-SFM-6481 04/25 © Janssen Scientific Affairs, LLC. 2024. Provided in response to a medical information request; no further use permitted. TREMFY A® is a trademark of Janssen Biotech, Inc.

EVIDENCE SUMMARY:

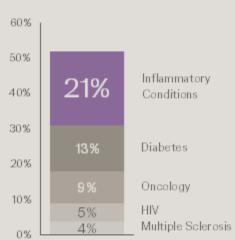
TREMFYA® (guselkumab) for moderately to severely active ulcerative colitis or Crohn's disease

Inflammatory conditions have a significant impact on the patient and healthcare system

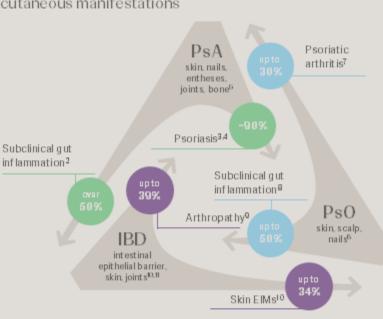
Immunologic therapies present the highest cost

burden for commercial plans Top 5 Therapy Classes for Commercial Plans, by Percent of

Total PMPY Spending, 2020^{ta}



Inflammatory conditions are complex and may present with extra-intestinal, extra-articular, and extracutaneous manifestations



Pre-treatment evaluation and monitorings



Site and presentation of inflammation^{12,13}

UC: Colon and the rectum, typically appears in a continuous pattern

CD: Anywhere in the GI tract from the mouth to the anus, may appear in patches

the treatment of adults with 14b: Moderate-to-severe plaque psoriasis who are candidates for

TREMFYA® (guselkumab) is a

fully human IL-23i indicated for



systemic therapy or phototherapy



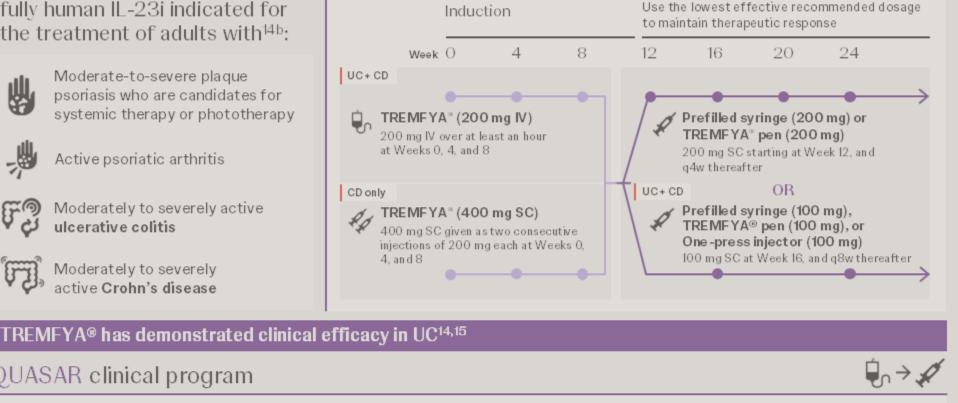
Active psoriatic arthritis Moderately to severely active



Moderately to severely active Crohn's disease



QUASAR clinical program



The induction study (N=701) randomized patients 3:2 to receive TREMFYA® 200 mg IV q4w or placebo IV.14,15 The maintenance study (N=568) took TREMFYA® Week 12 induction clinical responders and placebo crossover Week 24

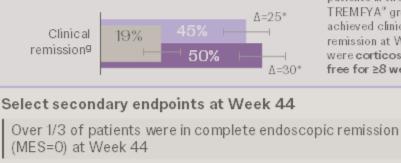
responders® and rerandomized 1:1:1[†] to receive TREMFYA® 200 mg SC q4w, TREMFYA® 100 mg SC q8w, or placebo SC.¹⁵

TREMFYA® demonstrated fast-acting and long-lasting clinical results in UC 14,15 Primary endpoint at Week 44

TREMEYA" was evaluated in multicenter, randomized, double-blind, placebo-controlled induction and maintenance studies in

adult patients with moderately to severely active UC & prior response or intolerance to conventional or advanced therapy. 15d

Primary endpoint at Week 12 Clinical ∆=15* remission^g



0%

* = P<0.0001

versus placebo

Maintenance study

withdrawal)

192

0

34.0

1 (1%)

131 (68%)

PBO SC (TREMFYA®

20%

TREMFYA®

(n=188)

100 mg q8w

99% (178/180) of patients in the combined TREMFYA® group who achieved clinical

remission at Week 44

were corticosteroid-

free for≥8 week s¹⁵

80%

TREMFYA®

190

12 (6%)

200 mg SC q4w

60%

TREMFYA®

(n=190)

200 mg q4w

100%

PBO SC

(n=190)

of patients had prior

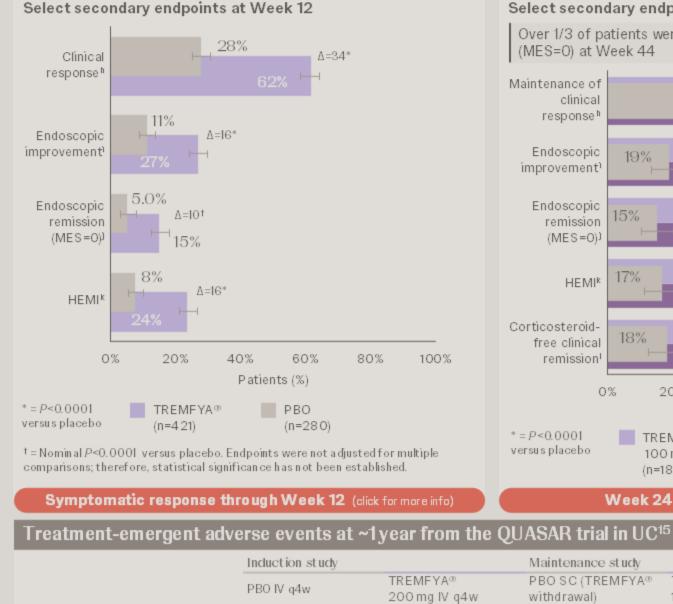
inadequate response

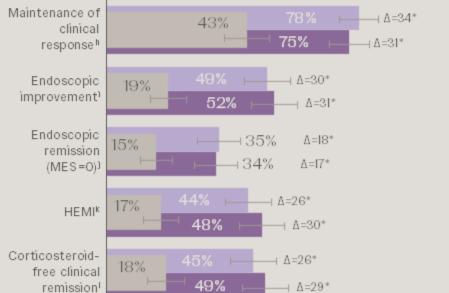
(TNFis, VDZ, or TOFA)

or intolerance to

advanced therapy

49%





40%

Week 24 responders (click for more info)

Patients (%)

AEs 138 (49%) 208 (49%) Serious AEs 20 (7%) 12 (3%)

280

11.9

2 (1%)m

40.5 39.2 0 0 120 (65%) 133 (70%)

Induction: TREMFYA® 400 mg SC q4w or PBO SC q4w at Weeks 0,4, and 8

an induction dose of TREMFYA # 400 mg SC q4w starting at Week 16

followed by a maintenance dose of TRMFYA® 100 mg SC q8w starting

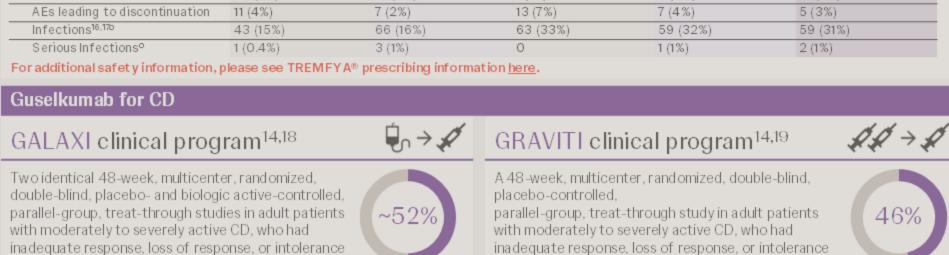
Maintenance: TREMFYA® 200 mg SC q4w starting at Week 12,

TREMFYA®

186

5 (3%)

100 mg SC q8w



421

12.2

N=1,021

1 (0.2%)n

to oral CS, conventional IMMs, and/or biologic to oral CS, conventional IMMs, and/or biologic previously failed therapies (TNFi, VDZ). therapies (TNFi, VDZ). at least 1 biologic

Patients were randomized 2:2:2:1 to receive: Induction: TREMFYA® 200 mg IV or PBO IV at Weeks 0.4, and 8: or STELARA® (ustekinumab) ~6 mg/kg IV at Week 0

PBO induction responders

GALAXI 2

Clinical

remissionp

Endoscopic

responseq

60

40

20

0

39.4

4

Patients treated (n)

Deaths

Average follow-up (weeks)

Patients with one or more (n[%]):

Select secondary endpoints at Week 12

Both TREMFYA® IV and SC induction demonstrated clinical remission and endoscopic response at Week 12 GALAXI¹⁸

Maintenance: TREMFYA® 200 mg SC q4w starting at Week 12,

TREMFYA® 100 mg SC q8w starting at Week 16, STELARA® 90 mg

induction dose of STEMARA® ~6 mg/kg IV at Week 12 followed by a

maintenance dose of STELARA® 90 mg SC q8w starting at Week 20

Patients in the PBO group who met rescue criteria at Week 12 received an

SCq8w starting at Week 8, or PBO SC q4w starting at Week 12 in

TREMFYA® 100 mg SC q8w starting at Week 16, or continued on PBO SC q4 w (PBO induction responders) Patients in the PBO group who met rescue criteria at Week 16 received

Co-primary endpoints at Week 12

at Week 32

GRAVITI¹⁹

Clinical

remissionp

Endoscopic

responseq

Patients were randomized 1:1:1 to receive:

Data originated from separate pivotal trials for the biologic. Due to differences in trial designs, this is purely illustrative and should not be used for direct comparisons between agents.

P<0.001

PBO (n=117)

previously failed

at least 1 biologic

N=347

20% 0% 60% 20% 60% Patients (%) Patients (%)

Clinical response through Week 12 (click for more info)

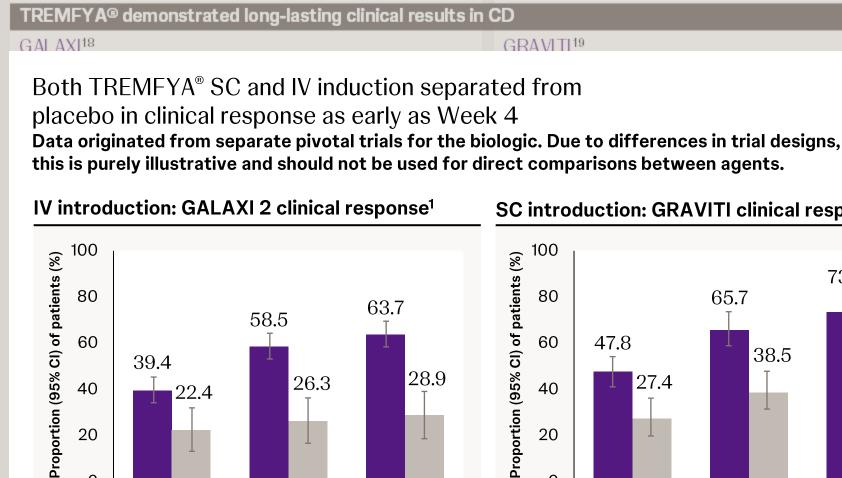
TREMFYA® (n=289) TREMFYA® (n=230) PBO (n=76) GALAXI 3 at Week 1216: Clinical remission^p: TREMFYA @ 47% (138/293) vs PBO 15% (11/72); P<0.001

63.7

28.9

12

P<0.001



58.5

26.3

8

Week

Clinical response: ≥100-point reduction from baseline in CDAI score or CDAI score <150

32 (10.8)

21 (7.1%)

(42.9%)

1 (0.3%)W

14.9

127

77.9

CDAI, Crohn's disease activity index; CI, confidence interval; IV, intravenous; q4w, every 4 weeks; SC, subcutaneous.

21 (7.0)

19 (6.4%)

9.7

7.5

147

88.3

Future considerations for TREMFYA®: Select ongoing phase 3 trials in IBD

(49.2%)

3 (1.0%)x

1. Panaccione R, et al. DDW 2024. Oral Presentation #1057b. 2. Hart A, et al. Gastroenterology. 2025; doi:10.1053/j.gastro.2025.02.033.

35 (11.7)

22 (7.3%)

18.4

8.8

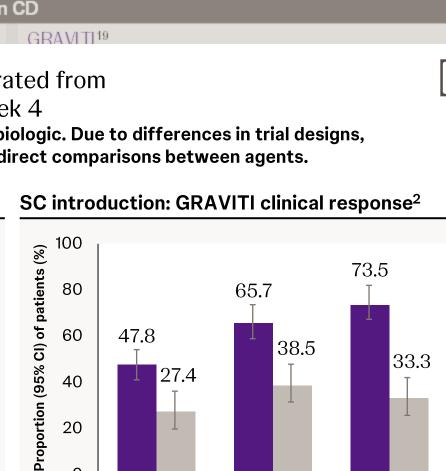
126

77.7

(42.0%)

12 (4.0%)

Endoscopic responses: TREMFYA® 36% (106/293) vs PBO 14% (10/72); P<0.001



38.5

8

Week

16 (13.7%)

10 (8.5%)

37.1

200 mg IV groups) achieved clinical response compared to 18.1% in the placebo group1

GALAXI 3: At week 12, 61.1% of patients on TREMFYA® (combined

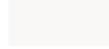
Placebo (N=76) TREMFYA® 200 mg IV q4w (N=289) Clinical response at Weeks 8 and 12 for GALAXI and at Weeks 4 and 8 for GRAVITI were prespecified but not adjusted for multiplicity.

16 (10.5)

13 (8.5%)

32.8

20.3



SAEs,n(%)

follow-up

AEs leading to

follow-up

follow-up

Infections, n (%)

Events/100 PYs

discontinuation, n (%)

Events/100 PYs of

Events/100 PYs of

Serious infections³³,

Placebo (N=117)

60

40

20

0

47.8

27.4

4

2.8 36 (30.8%) 56 (48.7%) 47 (40.9%) 81.7 91.8 70.0 2 (1.7%) ab 1(0.9%) **

15 (13.0%)

4 (3.5%)

15.5

ASTRO: Guselkumab SC induction and maintenance QUASAR Jr: Guselkumab for pediatric participants for adults with moderately to severely active UC 21 with moderately to severely active UC 22 The safety and efficacy of the investigational uses of this product have not been determined. There is no guarantee that the investigational uses listed will be filed with and/or approved for marketing by the FDA. For more information on ongoing trials, go to ClinicalTrials.gov. For additional information, please see TREMFYA® prescribing information here. In the United States. TREMFYA® dosing for moderate to severe plaque PsO and active PsA: 100 mg SC at weeks 0 and 4, and q8w thereafter. For moderately to severely active UC, induction: 200 mg IV over at least 1 hour at Weeks 0, 4, and 8; maintenance: 100 mg SC at Week 16 and q8w thereafter OR 200 mg SC at Week 12 and q4w thereafter. Use the lowest effective recommended dosage to maint ain therapeutic response. For moderately to severely active CD: IV induction: 200 mg IV over at least 1 hour at Weeks 0, 4, and 8 OR 400 mg SC given as two consecutive injections of 200 mg each at Weeks 0, 4, and 8; maintenance: 100 mg SC at Week 16 and q8w thereafter OR 200 mg SC at Week 12 and q4w thereafter. Use the lowest effective recommended dosage to maintain therapeutic response. Pretreatment Evaluations: Prior to initiating treatment with TREMEYA®, evaluate patients for tuberculosis (TB) infection, obtain liver enzymes and bilirubin levels, and complete all age appropriate vaccinations according to current immunization guidelines. Monitoring: Monitor patients for signs and symptoms of active TB during and after treatment with TREMFYA®. For the treatment

pediatric participants with CD23

any AE coded to MedDRA organ class "Infections and infestations". PClinical remission: CDAI <150. 9Endoscopic response: ≥50% improvement from baseline in SES-CD or SES-CD ≤2. 1Endoscopic remission: SES-CD ≤4 and a ≥2-point reduction from baseline and no subscore greater than 1 in any individual component. 1Deep remission: dinical remission AND endoscopic remission. 1Deep remission: dinical remission AND endoscopic remission. as patients in clinical remission at Week 48 and not receiving CS for≥90 days prior. Denominator is patients in clinical remission at Week 48. "Events attributed to patients randomized to PBO, except where a patient is randomized to PBO and cross over to STELARA® (only events that occur while patients are on PBO are included). *Liver abscess/bacterial infection and postop wound infection /vascular device infection. wAnal abscess. *Acute sinusitis, abscess intestinal, intestinal fistula infection. *Includes all PBO patients excluding data after a patient is rescued with TREMFY A®. *Fatal gunshot wound (non-suicidal). ^{aa}An additional serious infection of anal abscess was reported in the PBO → TREMFYA® rescue group. ^{ab}Bronchitis and appendicitis, ^{ac}Gastroenteritis AE, adverse effect; CD, Crohn's disease; CDAI, Clinical Disease Activity Index; CI, confidence interval; EIM, extraintestinal manifestation; GAL, GALAXI; HEMI, histo-endoscopic mucosal improvement; HIV, human immunodeficiency virus; IBD, irritable bowel disease; IL-23i, interleukin-23i; IV, intravenous; LTE, long-term extension; MedDRA, Medical Dictionary for Regulatory Activities; MES, modified endoscopic subscore; PBO, placebo; PMPY, per-member, per-year, PsA, psoriatic arthritis; PsO, psoriasis; PY, patient years; q4w, every 4 weeks; q8w, every 8 weeks; SAE, serious adverse effect; SC, subcutaneous; SES-CD, Simple Endoscopic Score for Crohn's Disease; TOFA, tofacitinib; TNF, tumor necrosis factor; UC, ulcerative colitis; ULN, upper limit of normal; UST, ustekinumab; VDZ, vedolizumab; W12, week 12; W48, week 48. 1. Evernorth, Trend by plan type. Accessed July 6, 2023, https://www.evernorth.com/drug-trend-report/trend-by-plan-type, 2. Scher J, et al. J Rheum Suppl. 2018;94:32-35. 3. Penningt on SR, et al. Front Med (Lausanne). 2021;8:723944. 4. Ciocon D, Kimball A. Br.J. Dermatol. 2007;157(5):850-860. 5. Suzuki E, et al. Autoimmunity Rev. 2014;13:496-502. 6. Lowes M, et al. Annu Rev Immunol. 2014;32:227-255. 7. Mease P, et al. J Am Acad Dermatol. 2013;69(5):729-735. 8. Sanchez I, et al. Curr Dermatol Rep. 2018;7(1):59-74. 9. Arvikar S, et al. Curr Rev Musculoskel Med. 2011;4(3):123-131. 10. Levine J, et al.

Johnson&Johnson

doi:10.1053/j.gastro.2025.02.033.20, Data on File, Janssen Biotech, Inc. Horsham, PA. 21. ASTRO NCT0 5528510. 22. QUASAR Jr NCT0 6260163. 23. MACARONI 23 NCT0 592307 US-SFM-6481 04/25 © Janssen Scientific Affairs, LLC. 2024. Provided in response to a medical information request; no further use permitted. TREMFY A® is a trademark of Janssen Biotech, Inc.

9Clinical remission: Mayo stool frequency subscore of 0 or 1, and not increased from baseline, a Mayo rectal bleeding subscore of 0, and a Mayo endoscopy subscore of 0 or 1 with no friability. Clinical response: decrease from induction baseline in the modified Mayo score (3-component [stool frequency, rectal bleeding, and endoscopy subscores] Mayo score without the physician's global assessment) by ≥30% and ≥2 points, with either a ≥1-point decrease from baseline in the rectal bleeding subscore or a rectal bleeding subscore of 0 or 1.4 Endoscopic improvement: an endoscopy subscore of 0 or 1 with no friability. Endoscopic remission: an endoscopy subscore of 0. MEMI: achieving a combination of histologic improvement and endoscopic improvement. CS-free clinical remission: clinical remission without any use of corticosteroids for ≥8 weeks prior to assessment. "Natural causes and cardiac arrest." Fatal acute myocardial infarction in a patient with pre-existing cardiac risk factors. "Defined as

Gastroenterol Hepatol. 2011;7:235-241.11. Lewis J, et al. Gastroenterology. 2023:1-9.12. Ye Y, et al. Inflamm Bowel Dis. 2020;26(4):619-625.13. The Crohn's & Colitis Foundation of America.

The facts about inflammatory bowel diseases. Updated November 2014. Accessed February 20, 2024. https://www.crohnscolitisfoundation.org/sites/default/files/2019-02/Updated%20IBD%20Factbook.pdf. 14. TREMEY A® [Prescribing Information]. Janssen Biotech, Inc. Horsham, P.A. 15. Rubin D, et al. Lancet. 2025;405:33-49. 16. Allegretti J, et al. Presented at DDW 2023. May 6-9, 2023. 17. Rubin D, et al. Presented at DDW 2024. May 18-21, 2024. 18. Pana ocione R, et al. DDW 2024. May 18-21, 2024. 19. Hart A, et al. Gastroenterology. 2025

Infectionso, n (%) 39 (25.5%) Events/100 PYs of follow-up Serious infectionso, 2 (1.3%)v For additional safety information, please see TREMFY A® prescribing information here.

Events/100 PYs of

discontinuation, n (%)

Events/100 PYs of

SAEs,n(%)

follow-up

AEs leading to

follow-up

of CD or UC, monitor liver enzymes and bilirubin levels for at least 16 weeks of treatment, and periodically thereafter according to routine patient management. TREMFY A® is intended for use under the guidance and supervision of a healthcare professional. TREMFY A® may be administered by a healthcare professional, or a patient/caregiver may inject after proper training in subcutaneous injection technique. 4Moderately to severely active UC defined as induction baseline modified Mayo score of 5 to 9 with a Mayo rectal bleeding subscore ≥ 1 and a Mayo endoscopic subscore ≥ 2 based on central review. Placebo crossover responders at Week 24 are the placebo nonresponders at Week 12 who went on to receive TREMFY A 200 mg IV c4w for 12 weeks and were in clinical response to TREMFY A at Week 24. Patients from a phase 2b randomized, double-blind, placebo-controlled, induction dose-finding study who demonstrated a clinical response to TREMEYA® were also randomized into the phase 3 maintenance study.

TREMFYA® 400 mg SC q4w (N=230) Clinical response at Week 4 for GALAXI was adjusted for multiplicity (with nominal P-value). No statistical or clinical significance can be made.

9 (7.8%)

3 (2.6%)

13.2

12

33.3