SPECTREM: Guselkumab Demonstrates Consistent Complete Clearance at Week 16 Across Special Sites in Participants with Low Body Surface Area, Moderate Psoriasis

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To evaluate safety

in SPECTREM

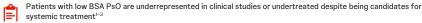
participants

Larkin Community Hospital, Palm Springs Campus, Miami, FL, USA; 2JRB Research Inc., Ottawa, ON, Canada; Driven Res 5Johnson & Johnson, Horsham, PA, USA; 6Johnson & Johnson, Toronto, ON, Canada; 7Johnson & Johnson, Spring House, PA, USA; 8FACET Dermatology, Toronto, ON, Canada; 9University of British Columbia, Department of Dermatology and Skin Science, Vancouver, BC, Canada

Background



SPECTREM is an ongoing, phase 3b, multicenter, randomized, double-blind, placebo (PBO)-controlled study evaluating the efficacy and safety of guselkumab (GUS) in participants with low body surface area (BSA), moderate plaque psoriasis (PsO) involving ≥1 special sites (ie, high-impact sites)



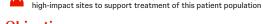
systemic treatment1-3 SPECTREM was intentionally designed to address the knowledge gap of patients with low BSA PsO involving

- Facial IGA (f-IGA)

Scalp-specific IGA (ss-IGA)

Intertriginous IGA (i-IGA)

- Static Physician's Global Assessment of Genitalia (sPGA-G)



Objectives



To evaluate Week 16 GUS vs PBO efficacy via: Investigator's Global High-impact site assessments

- Assessment (IGA)
- Psoriasis Area and Severity
- Index (PASI)
- BSA

Methods

A total of 338 participants were randomized to receive GUS (n=225) or PBO (n=113)

Key Inclusion Criteria

- IGA=3
- BSA=2-15% with ≥1 plaque outside of high-impact sites
- >1 high-impact site with at least moderate severity (scalp, face, intertriginous, genital)

Endpoints presented at Week 16 include:

- Key major secondary endpoints:
 - Mean percent improvements from baseline in BSA and PASI
- Proportion of participants achieving IGA 0
- · High-impact site endpoints:
- Proportions of participants achieving ss-IGA 0, f-IGA 0, i-IGA 0, and sPGA-G 0



Key Takeaways



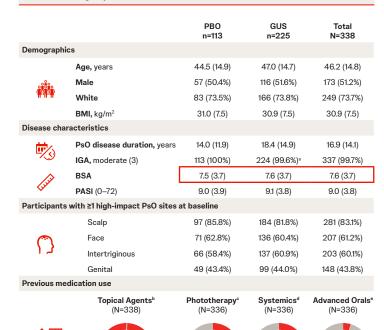
GUS is highly effective in participants with low BSA. moderate plaque PsO with ≥1 high-impact site involvement through Week 16



The majority of participants achieved complete high-impact site clearance after just 3 doses of GUS, substantiating its effectiveness across a broad range of patients

Results

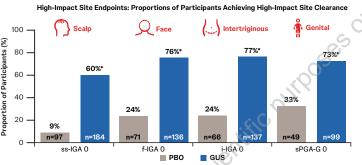
Baseline demographics and disease characteristics were comparable between the PBO and GUS groups



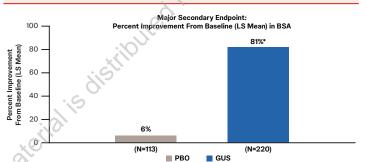
18.5%

4.5%

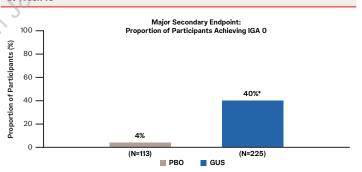
≥60% of GUS-randomized participants achieved complete clearance of assessed high-impact sites at Week 16



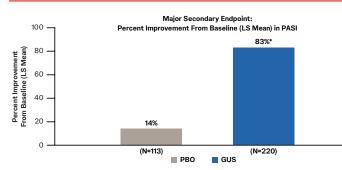
Mean % improvement in BSA for the GUS group was 81% at Week 16



40% of GUS-randomized participants achieved complete skin clearance (IGA 0) at Week 16



Mean % improvement in PASI for the GUS group was 83% at Week 16



GUS-randomized participants with IGA ≥3 at baseline who achieved IGA 0 at



Week 16 changes from BL:

- BSA improvement: 971%
- PASI improvement: 96.2% $IGA 3 \rightarrow IGA 0$
- i-IGA 3 → i-IGA 1
- sPGA-G 3 → sPGA-G 0
- BSA improvement: 92.3%
- PASI improvement: 94.4%
- IGA 3 → IGA 0
- i-IGA 4 → i-IGA 1
- sPGA-G 3 → sPGA-G 0

Safety data were consistent with the established safety profile of GUS, and no new safety signals were identified

	PBO n=113	GUS n=225
Safety through Week 16		
Average duration of follow-up (weeks)	15.8	15.9
Participants with ≥1 AE	45 (39.8%)	85 (37.8%)
Participants with ≥1 AE leading to discontinuation of study agent	4 (3.5%)	0
Participants with ≥1 serious AE	1 (0.9%)	3 (1.3%) ^a
Participants with ≥1 injection-site reaction	1 (0.9%)	6 (2.7%)b
Infections	23 (20.4%)	50 (22.2%)
Serious infections	1 (0.9%)	0
Major adverse cardiovascular event	0	1 (0.4%)°

No cases of malignancy, active tuberculosis, inflammatory bowel disease, serum sickness/anaphylaxis, or death were reported