VISIBLE POST-INFLAMMATORY PIGMENTATION JOURNEYS: EXPLORING THE IMPACT OF PIGNENTATION

Tarek Dawamne, MD,¹ Olivia Choi, MD, PhD,² Alison Tran, MD, MA, EdM,³ Jacob Beer, MD,⁴ Katelyn Rowland, MS, ARNP,² Theodore Alkousakis, MD,² Elizabeth Skobelev, PharmD,² Sancharitha Ramji,² Sarah Ofori, PharmD,² Tony Ma, PhD,⁵ Daphne Chan, PhD,² and Jenna Lester, MD⁶

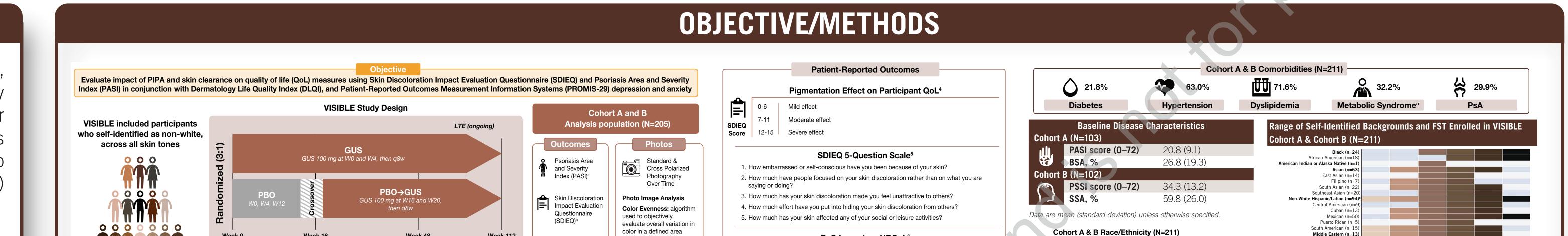
¹Texas A&M School of Engineering Medicine, Houston, TX, USA; ²Johnson, Horsham, PA, USA; ³Lake Granbury Medical Center, Department of Dermatology, Dallas, TX, USA; ⁴Dr. Phillip Frost Department of Dermatology and Cutaneous Surgery, Miami, FL, USA; ⁵Johnson, Spring House, PA, USA; ⁶University of California, San Francisco, CA, USA

The QR code is intended to provide scientific information for individual reference, and the information should not be altered or reproduced in any way

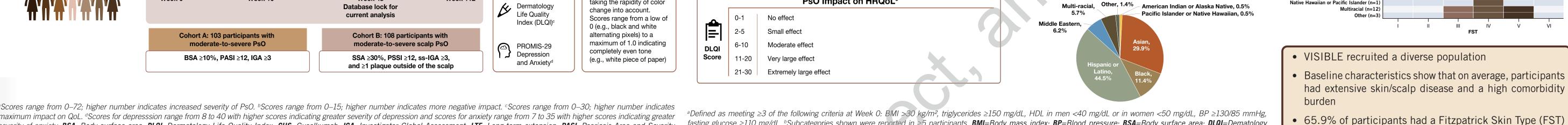
Scan the QR code

BACKGROUND

- **VISIBLE** is an ongoing, **first-of-its-kind**, large-scale, phase 3b, randomized, double-blind, placebo (PBO)-controlled study to evaluate efficacy and safety of guselkumab (GUS) for moderate-to-severe **plaque psoriasis** (PsO) in participants across all skin tones. VISIBLE was uniquely designed to collect data on post-inflammatory pigment alteration (**PIPA**) through 2 years.
- **PIPA** following resolution of **Ps0** plaques is a problem that disproportionately impacts **people of color**.^{1,2}



Among biologic-treated patients with PsO, one survey found that >80% of patients considered **PIPA** to be an important but **neglected problem**.³



PsO Impact on HRQoL⁶

fasting glucose $\geq 110 \text{ mg/dL}$. b Subcategories shown were reported in ≥ 5 participants. **BMI**=Body mass index; **BP**=Blood pressure; **BSA**=Body surface area; **DLQI**=Dematology severity of anxiety. **BSA**=Body surface area; **DLQI**=Dermatology Life Quality Index; **GUS**=Guselkumab; **IGA**=Investigator Global Assessment; **LTE**=Long-term extension; **PASI**=Psoriasis Area and Severity Life Quality Index; HDL=High density lipoprotein; HRQoL=Health-related quality of life; PASI=Psoriasis Area and Severity Index; PsA=Psoriatic arthritis: Ps0=Psoriasis: Index; **PB0**=Placebo; **Ps0**=Psoriasis; **PROMIS**=Patient-Reported Outcomes Measurement Information System; **PSSI**=Psoriasis Scalp Severity Index; **q8w**=Every 8 weeks; **QoL**=Quality of Life; **SDIEQ**=Skin **PSSI**=Psoriasis Scalp Severity Index; **QoL**=Quality of Life; **SDIEQ**=Skin Discoloration Impact Evaluation Questionnaire; **SSA**=Scalp surface area Discoloration Impact Evaluation Questionnaire; SSA=Scalp surface area; ss-IGA=Scalp-specific Investigator's Global Assessment; W=Week

taking the rapidity of color

Native Hawaiian or Pacific Islander (n

in the IV-VI range

- Mean PASI/PSSI improvement from baseline was ~95% at Week 48 for the GUS-randomized groups (**Figure 1**)
- At baseline, participants from both VISIBLE Cohorts A and B reported substantial impact of skin discoloration due to PsO on QoL (mean SDIEQ scores 8–10) regardless of skin tone (**Figure 2**)
- Rapid and substantial reductions in mean SDIEQ scores were achieved at Weeks 16 and 48; and continued to improve through Week 48 for both the FST I-III and FST IV-VI cohorts, consistent with clinical photography findings (**Figure 2**)

Figure 1. Improvement in PASI/PSSI at Week 48	Figure 2. Improvement in scores at Weeks 16 and baseline
	basellne

in mean SDIEQ d **48 from**

Figure 4. Correlation between PASI and

DLQI at Week 48 by skin tone



RESULTS

• Skin discoloration as measured by SDIEQ correlates with PROMIS-29 anxiety score (Figure 7) whereas PASI clearance does not correlate with anxiety score (Figure 8) in this post-hoc analysis across all skin tones

Cohort A & B Combined

Figure 7. Correlation between SDIEQ and **PROMIS-29** anxiety score at Week 48 by skin tone

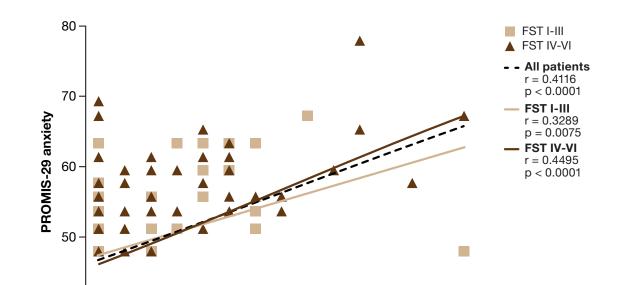
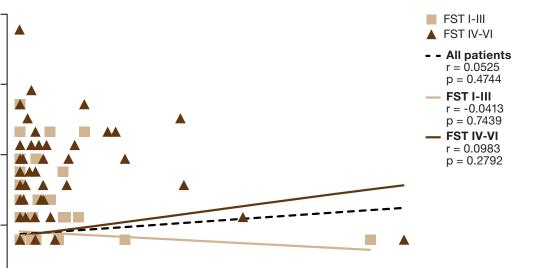
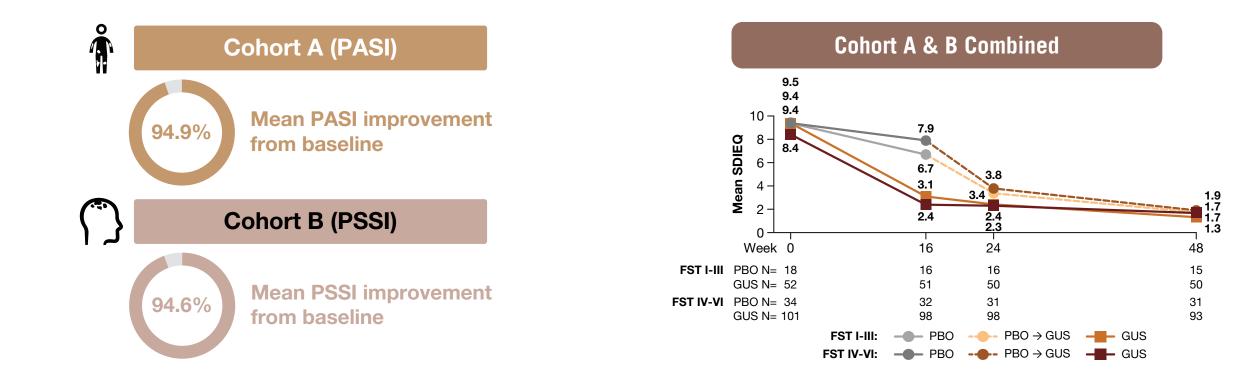


Figure 8. Correlation between PASI and **PROMIS-29** anxiety score at Week 48 by skin tone



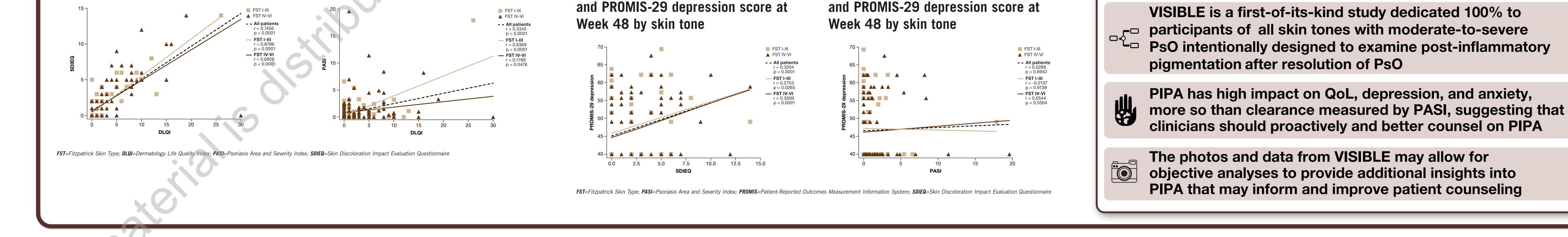


agent due to lack of efficacy, worsening of psoriasis, or use of a prohibited PsO treatment, baseline values (at Week O) were assigned from that point onward. FST=Fitzpatrick Skin Type: GUS=Guselkumab: PASI=Psoriasis Area and Severity Index: PBO=Placebo: PsO=Psoriasis: PSSI=Psoriasis Scalp Severity Index: SDIEQ=Scalp Discoloration Impact Evaluation Questionnaire

 Overall, there was a stronger correlation between SDIEQ and DLQI scores (Figure 3) vs PASI and DLQI scores (Figure 4) for all skin tones at Week 48; this effect was more pronounced in the darker skin tone strata (FST IV-VI)

Cohort A & B Combined



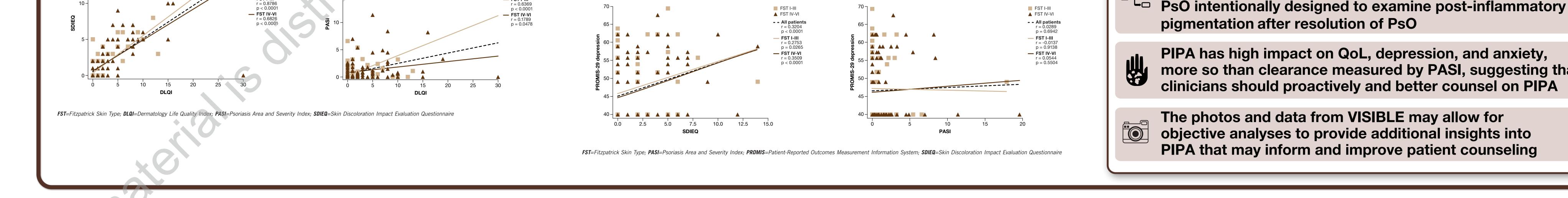


• Skin discoloration as measured by SDIEQ correlates with PROMIS-29 depression score (Figure 5) whereas there is no correlation between PASI clearance and PROMIS-29 depression score (Figure 6) across all skin tones

Cohort A & B Combined

Figure 5. Correlation between SDIEQ and **PROMIS-29** depression score at

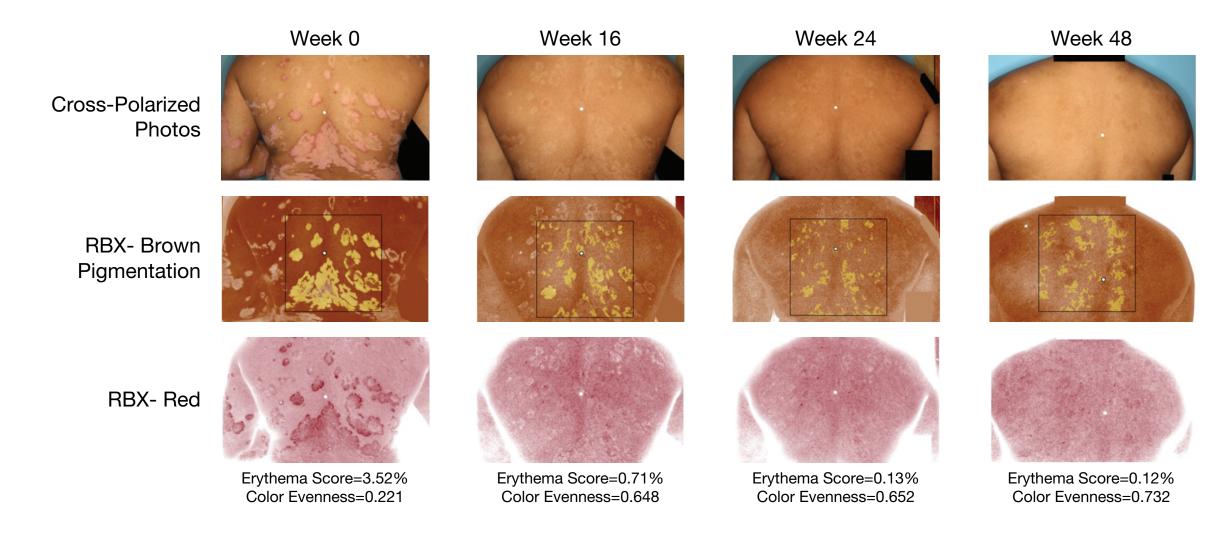
Figure 6. Correlation between PASI





ST=Fitzpatrick Skin Type; PASI=Psoriasis Area and Severity Index; PROMIS=Patient-Reported Outcomes Measurement Information System; SDIEQ=Skin Discoloration Impact Evaluation Questionnaire

• Exploratory Analyses: Objective evaluation of cross-polarized photos for erythema, pigmentation, and skin tone evenness over time



RBX=Red, Brown, Xanth

CONCLUSIONS

References: 1. Amico S, et al. J Am Acad Dermatol. 2018;45:361-2. 5. Balkrishnan R, et al. J Drugs Dermatol. 2004;3:377-381. 6. Hongbo Y, et al. J Invest Dermatol. 2005;125:659-664. Acknowledgments: Medical writing support was provided by Teresa Tartaglione, PharmD, of Certara, LLC under the direction of the authors in accordance with Good Publication Practice guidelines (Ann Intern Med. 2022;175:1298-304). This poster was supported by Johnson & Johnson, Horsham, PA, USA. Disclosures: O. Choi, K. Rowland, T. Alkousakis, E. Skobelev, S. Ramji, S. Ofori, D. Chan, and T. Ma are employees of Johnson & T. Dawamne, A. Tran, and J. Beer have no conflicts of interest to disclose. Previously presented at 21st Annual Skin of Color Society Scientific Symposium; March 6, 2025; Orlando, FL, USA.

Presented at Pigmentary Disorders Exchange Symposium (PDES) 2025; June 7–8, 2025; Chicago, IL, USA.