

Effect of high-dose subcutaneous spesolimab on skin manifestations: Results from the pivotal Effisayil 2 trial of flare prevention in generalized pustular psoriasis

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An analysis of patients with GPP receiving high-dose spesolimab showed more improvement in GPPGA scores vs placebo in the Effisayil 2 trial

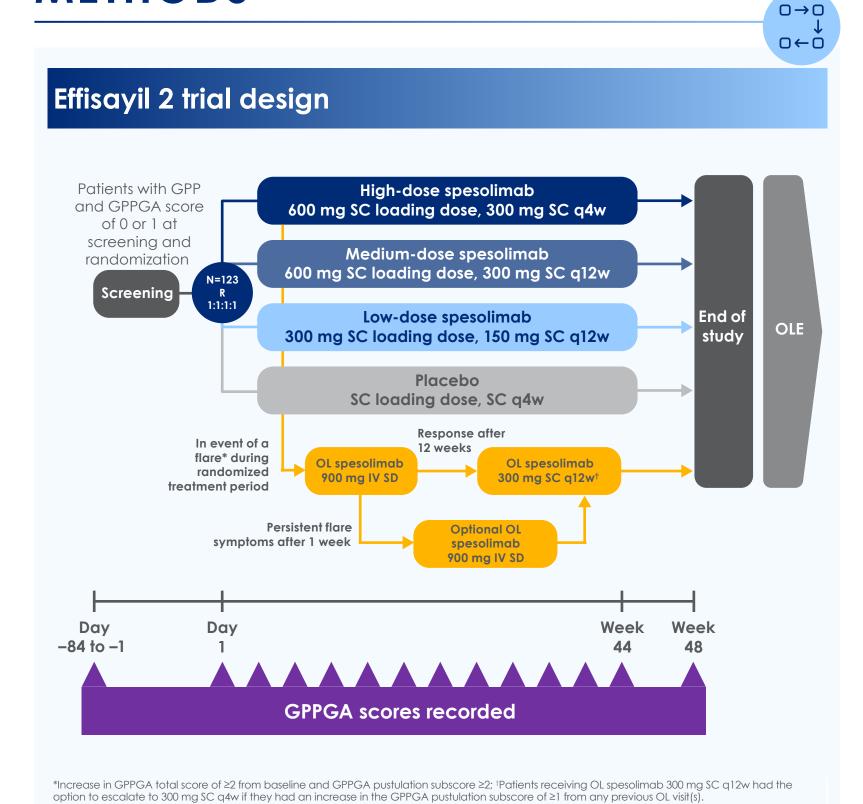
AIM

In this analysis of Effisayil 2, the effect of high-dose spesolimab or placebo on GPP lesions was assessed using subscores and total score on the GPPGA scale

INTRODUCTION

- GPP is a chronic, rare, and potentially life-threatening **skin disease**, 1-3 characterized by the extensive development of sterile pustules, and has recently been reclassified to the group of superficial/epidermal neutrophilic diseases
- Current treatments are suboptimal in preventing flares, which are a common and potentially life-threatening, but unpredictable, feature of GPP;4 it is also important to address chronic skin manifestations that persist in many patients, even in the absence of flares
- Spesolimab, a monoclonal antibody targeted specifically at the interleukin-36 receptor, is effective and approved for the treatment of GPP flares⁵⁻⁷ and has been evaluated for the prevention of flares in the pivotal, randomized, placebo-controlled Effisayil 2 trial (NCT04399837)8

METHODS

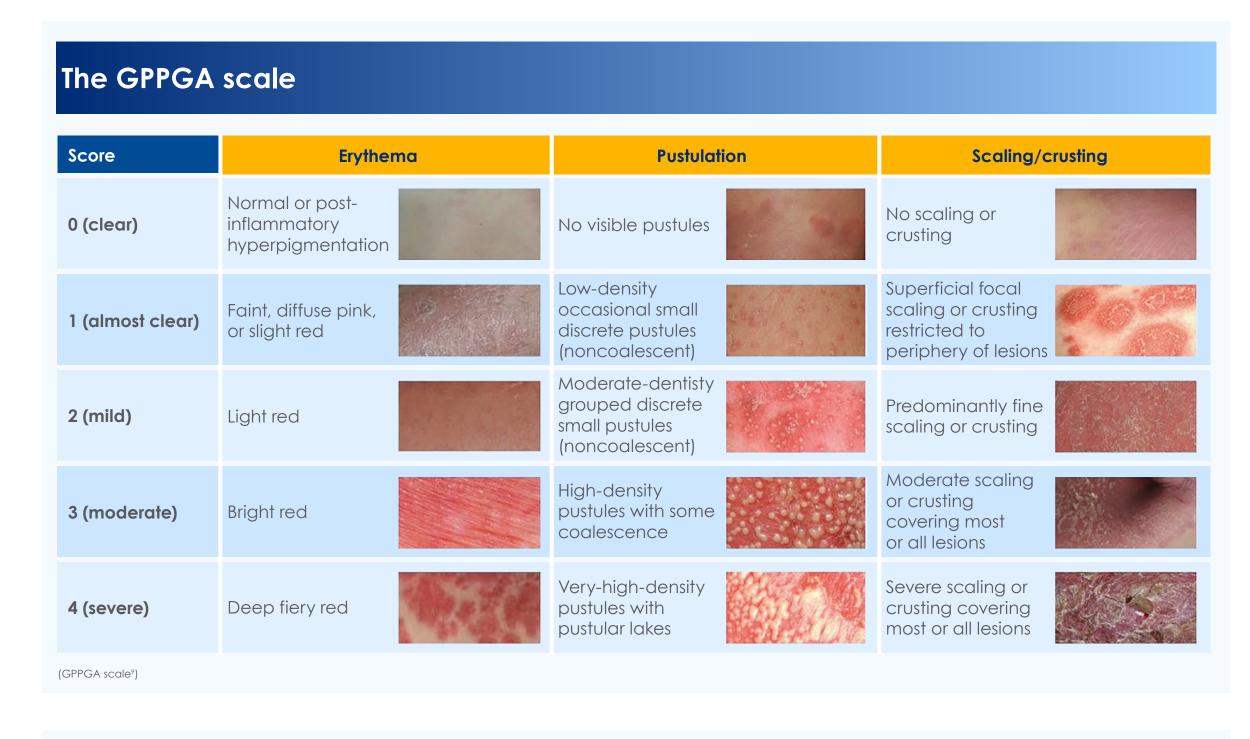


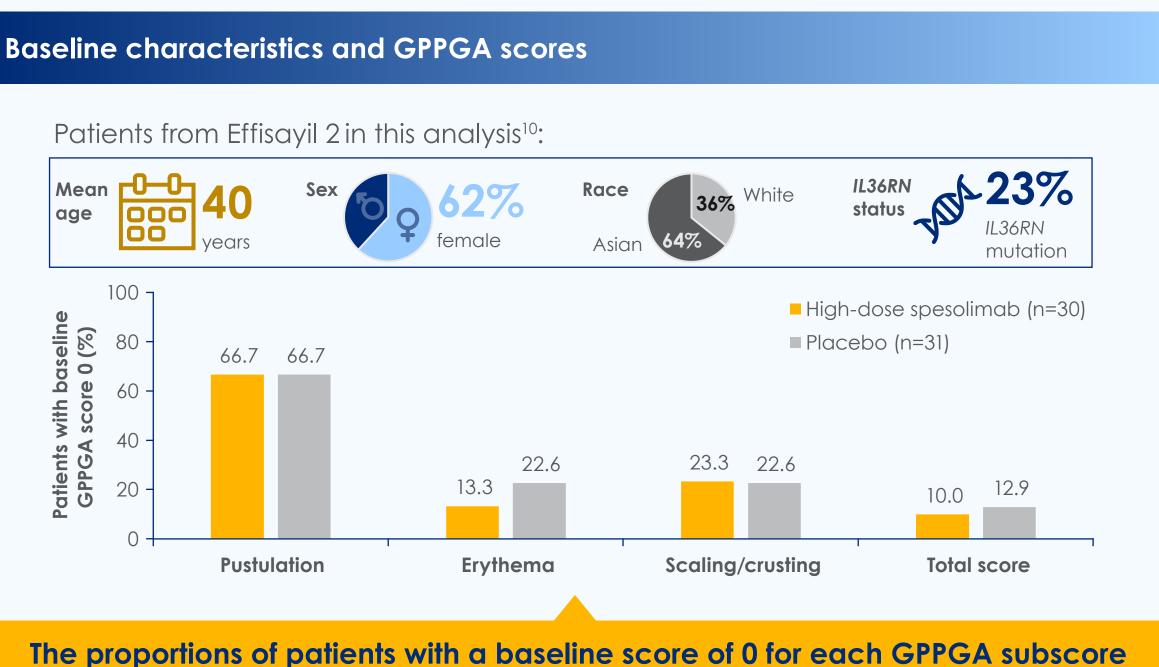
- GPPGA subscores for **erythema**, **pustulation** and scaling/crusting and GPPGA total score were compared between patients receiving high-dose spesolimab (600 mg SC loading dose, 300 mg SC q4w) and placebo
- Scores were recorded at baseline and over the course of treatment on the GPPGA scale from 0 (clear) to 4 (severe)8
- Patients were classified as having a **flare** if they had a pustulation subscore of ≥2 and a total score increase of ≥2 from baseline8
- Results were reported as proportions of patients with each score and flare at each time point and were analyzed descriptively

CONCLUSION

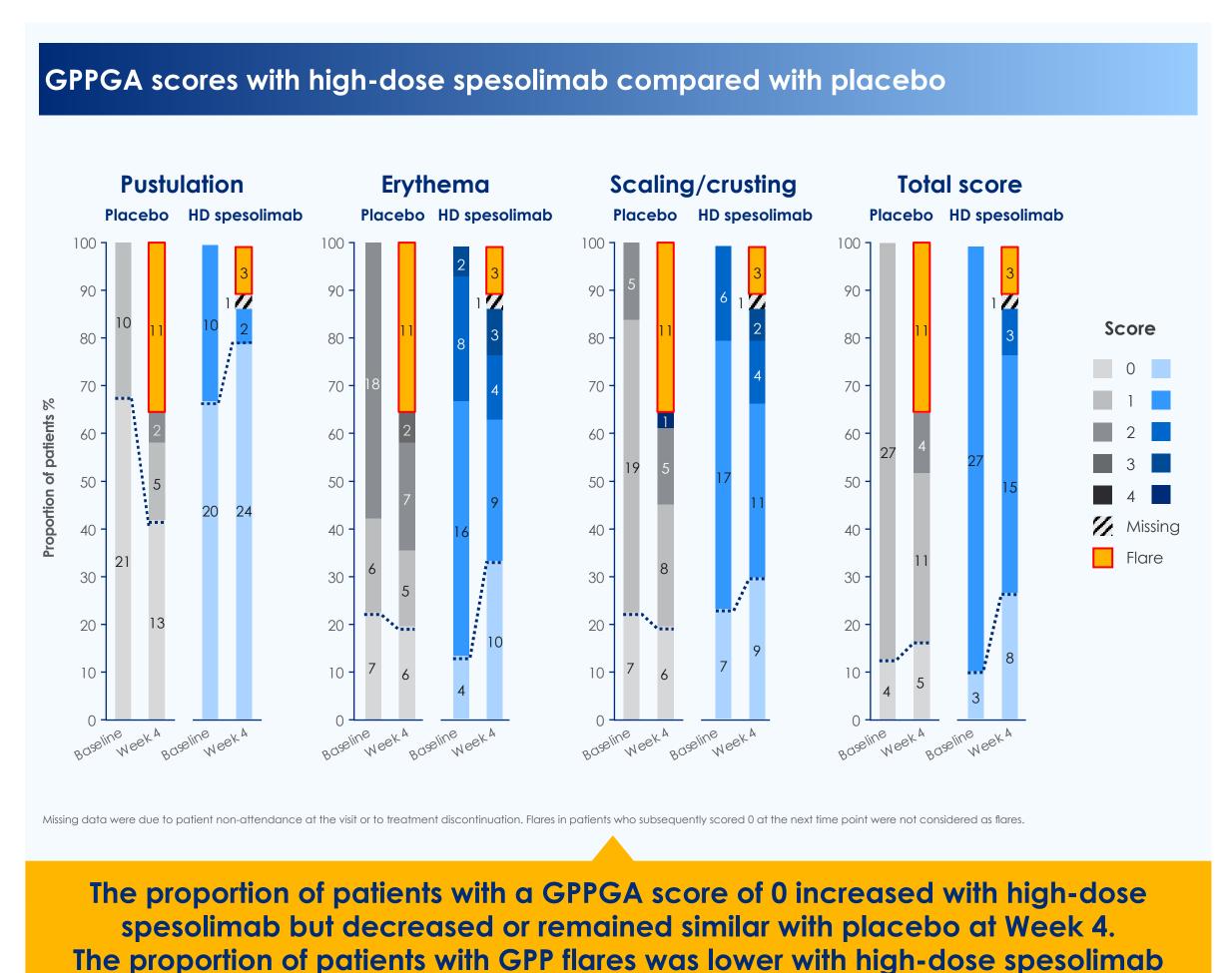
- Compared with placebo, high-dose SC spesolimab (600 mg SC loading dose, 300 mg SC q4w) resulted in a greater proportion of patients with GPP achieving and maintaining GPPGA scores of 0
- Compared with placebo, a lower proportion of patients receiving high-dose SC spesolimab had flares at Week 4
- No patient receiving high-dose spesolimab had a flare after Week 4
- The difference between treatments was sustained over 48 weeks

RESULTS

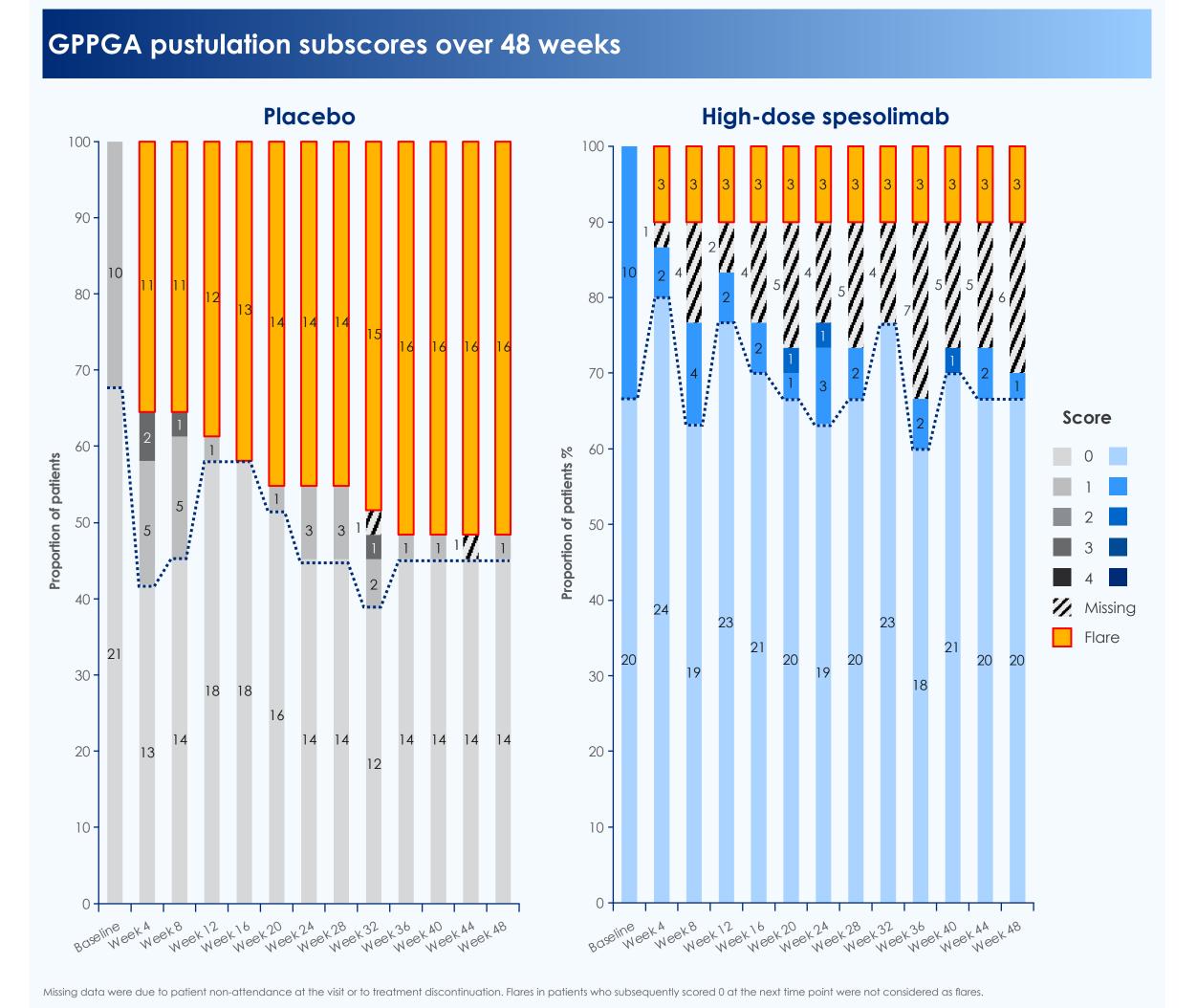




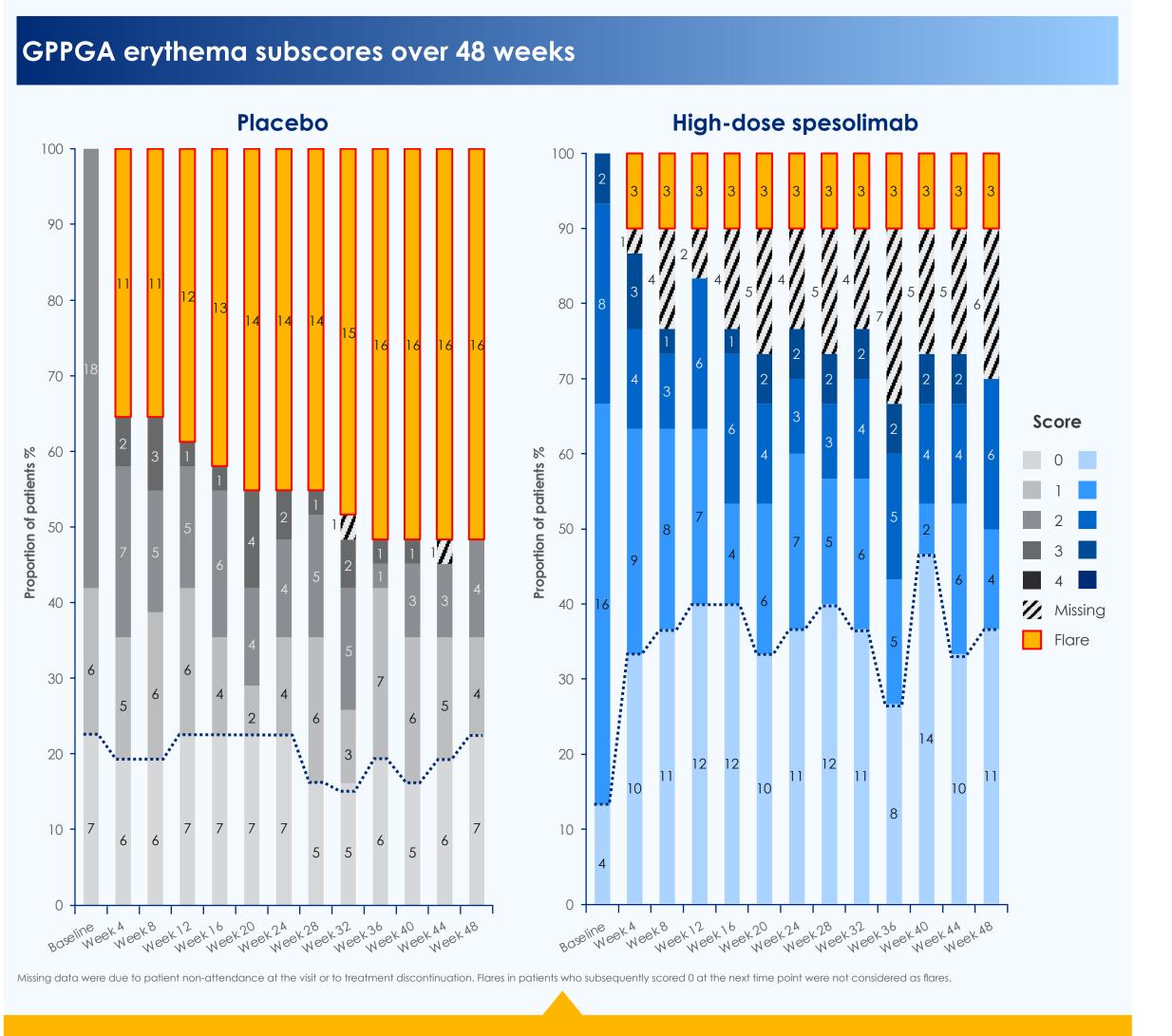
and total score were generally similar between treatment groups



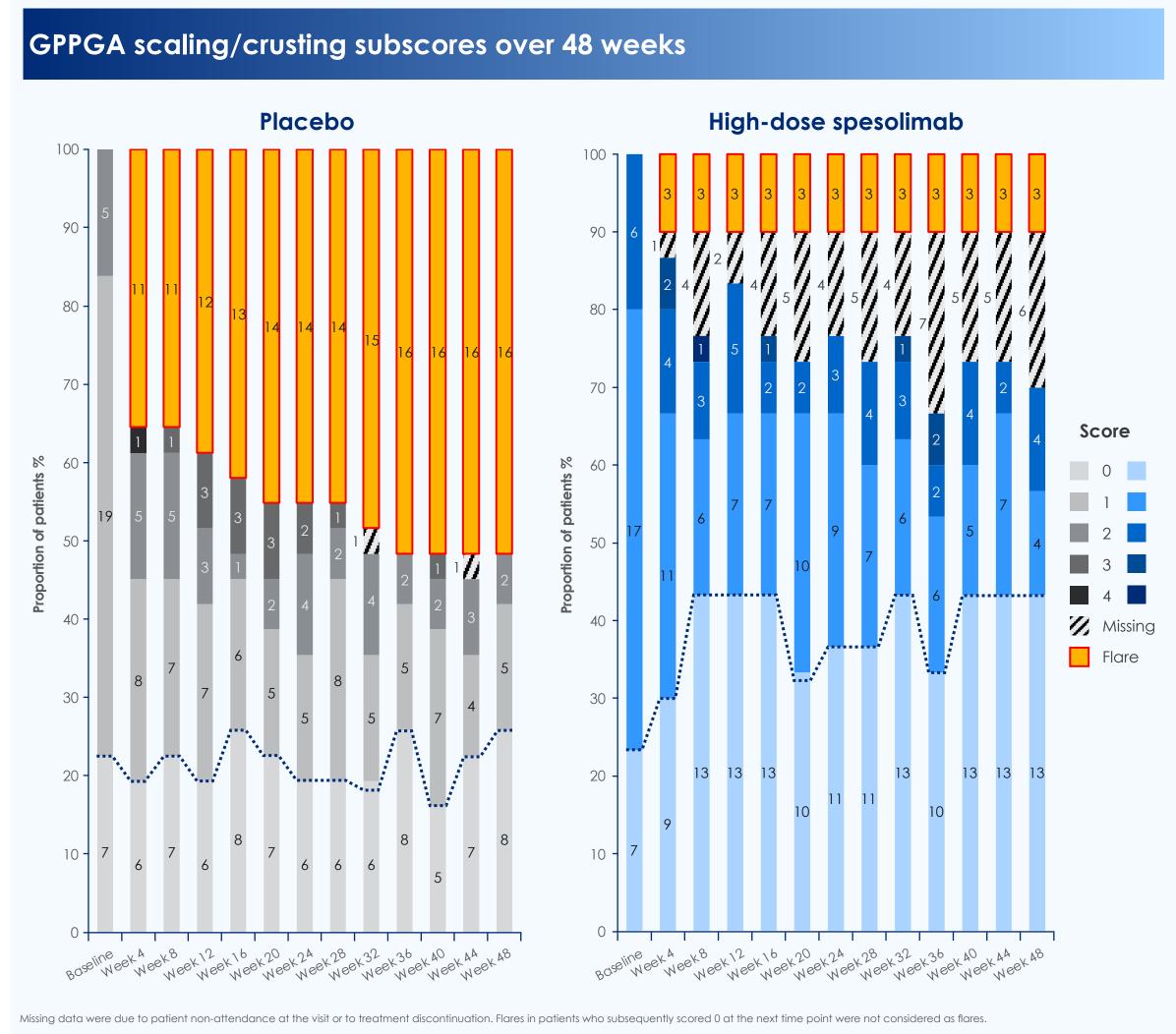
than with placebo



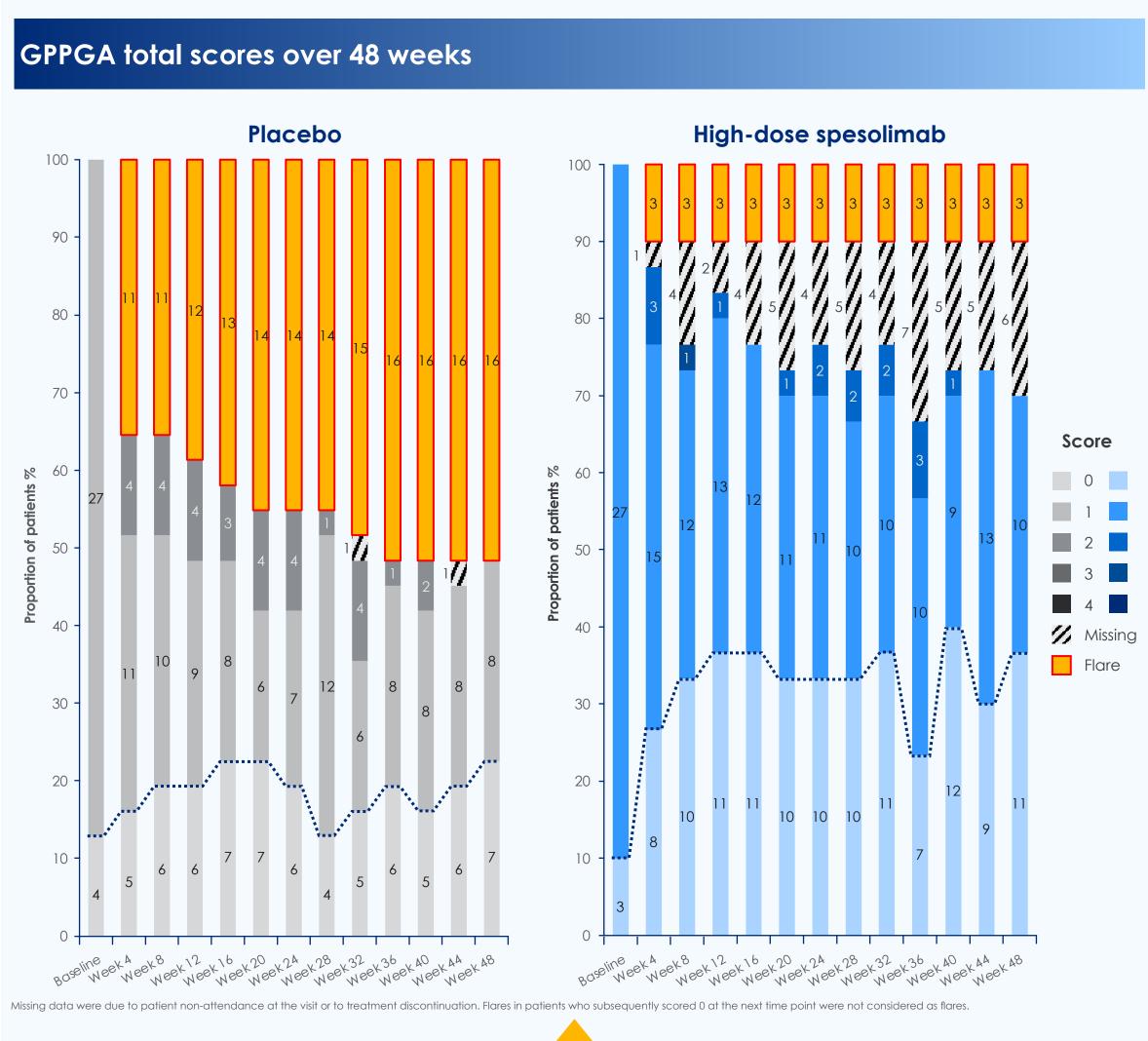
Greater proportions of patients with a GPPGA pustulation subscore of 0 were maintained with high-dose spesolimab vs placebo at Week 24 and Week 48. There were no new flares with high-dose spesolimab after Week 4



Greater proportions of patients with a GPPGA erythema subscore of 0 were maintained with high-dose spesolimab vs placebo at Week 24 and Week 48. There were no new flares with high-dose spesolimab after Week 4



Greater proportions of patients with a GPPGA scaling/crusting subscore of 0 were maintained with high-dose spesolimab vs placebo at Week 24 and Week 48. There were no new flares with high-dose spesolimab after Week 4



Greater proportions of patients with a GPPGA total score of 0 were achieved and maintained with high-dose spesolimab vs placebo over 48 weeks. There were no new flares with high-dose spesolimab after Week 4

GPP, generalized pustular psoriasis; GPPGA, GPP Physician Global Assessment; HD, high-dose; IV, intravenous; OL, open-label; OLE, open-label extension; q4w, every 4 weeks; q12w, every 12 weeks; R, randomization; SC, subcutaneous; SD, single dose

Disclosures & Acknowledgments







