

The effect of the presence or absence of concomitant plaque psoriasis (PsO) at baseline on the efficacy of spesolimab in treating patients with a generalized pustular psoriasis (GPP) flare

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The efficacy and safety of spesolimab in the treatment of GPP flares is consistent between patients with and without concomitant plaque psoriasis

PURPOSE

To evaluate the efficacy of spesolimab treatment in patients with a GPP flare with and without concomitant plaque psoriasis.

INTRODUCTION

- GPP is a rare, potentially life-threatening, autoinflammatory skin disease, characterised by widespread eruption of sterile, visible pustules^{1–4}
- In the multicentre, randomised, double-blind, placebo-controlled Effisayil 1 study (NCT03782792) in patients presenting with a GPP flare, spesolimab treatment led to rapid pustular and skin clearance within 1 week^{4,5}
 - Primary endpoint (GPPGA pustulation subscore of 0; no visible pustules): 54% versus 6% (one-sided p<0.001)
 - Key secondary endpoint (GPPGA total score of 0 or 1; clear or almost clear skin): 43% versus 11% (one-sided p=0.0118)

CONCLUSIONS

- Patients treated with spesolimab achieved rapid pustular and skin clearance, regardless of whether they did or did not have concomitant plaque psoriasis. These effects were sustained until the end of the study
- Spesolimab had an acceptable safety profile
- Spesolimab is a viable treatment option for patients with GPP, regardless of their plaque psoriasis status

METHODS

- Patients (N=53) were randomised (2:1) to IV spesolimab 900 mg or placebo at baseline and were followed for 12 weeks
- If disease worsening occurred during Week 1, patients were able to receive any other treatment for GPP any time after their first dose of spesolimab or placebo on Day 1 and before Day 8; this was considered as non-response for this analysis
- Scan the QR code at the bottom of this poster to see full details of the Effisayil 1 study design^{4,5}

RESULTS

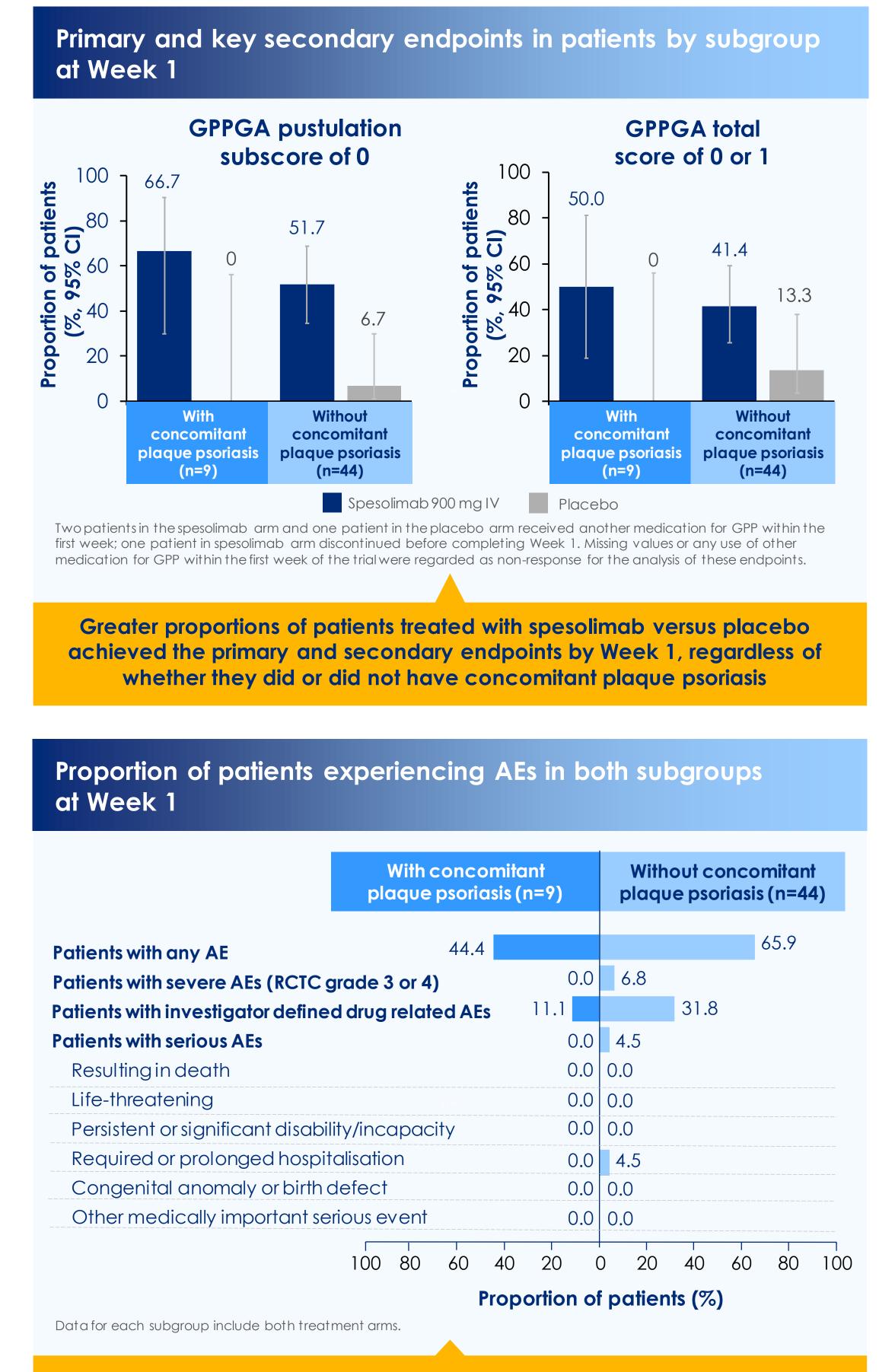
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Baseline characteristics and demographics were

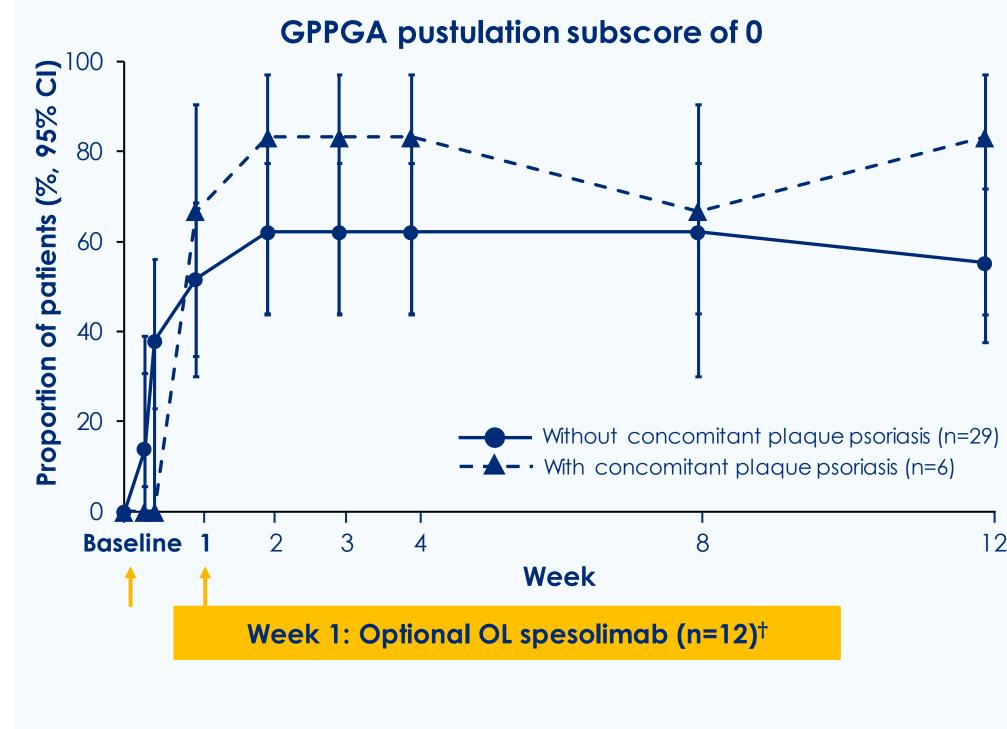
generally balanced between patients with and without

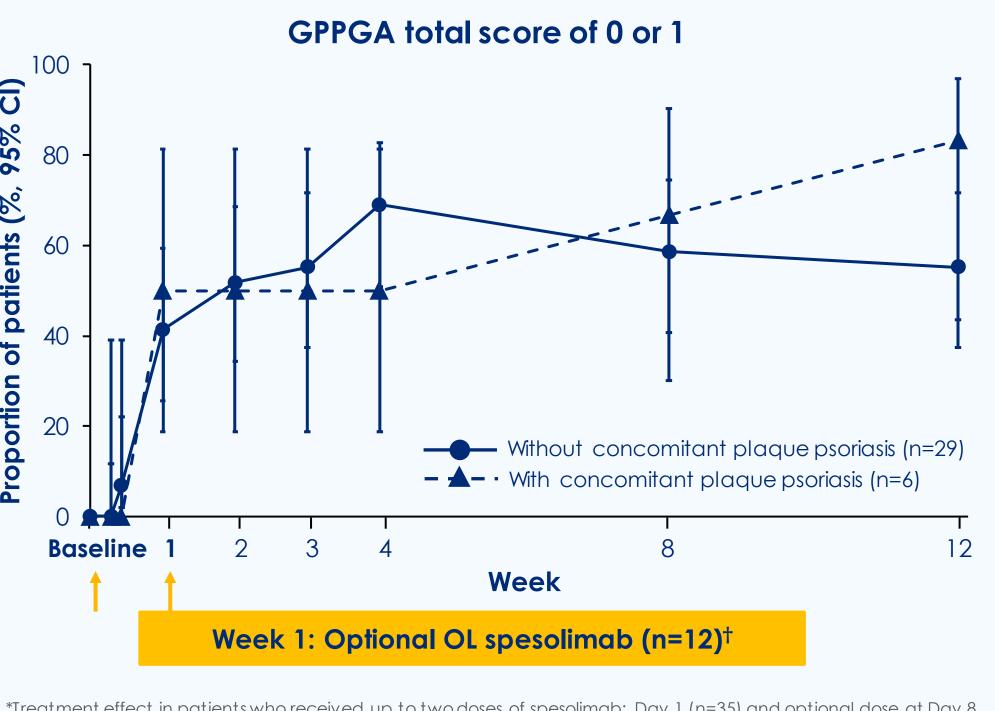
concomitant plaque psoriasis



Spesolimab had an acceptable safety profile

Proportion of patients treated with spesolimab* with a GPPGA pustulation subscore of 0 and GPPGA total score of 0 or 1 by subgroup





*Treatment effect in patients who received up to two doses of spesolimab: Day 1 (n=35) and optional dose at Day 8 (n=12); †n=2 with plaque psoriasis, n=10 without plaque psoriasis. Missing values, any use of other medication for GPP or spesolimab for the treatment of a new GPP flare were regarded as non-response for this analysis.

Following treatment with spesolimab, similar proportions of patients in both subgroups had no visible pustules or had clear skin over the course of the study

AE, adverse event; BMI, body mass index; CI, confidence interval; GPP, generalized pustular psoriasis; GPPGA, Generalized Pustular Psoriasis Global Assessment; IL36RN, interleukin-36 receptor gene; IV, intravenous; OL, open label; RCTC, Rheumatology Common Toxicity Criteria; SD, standard deviation.

References

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