Nanoencapsulated Sirolimus Plus Pegadricase (NASP) Demonstrates a Reduction in Gout Flares: Results From the Phase 3 DISSOLVE Studies

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CONCLUSION

Over 95% of patients who received 6 doses of high-dose NASP (HD NASP) were flare-free at weeks 21–24, highlighting the potential of NASP as an effective therapy for improving a key clinical manifestation of uncontrolled gout



INTRODUCTION



 NASP, a novel, every 4-week, sequential infusion therapy designed to reduce serum uric acid (sUA) levels in patients with uncontrolled gout, consists of targeted immunomodulating, nanoencapsulated sirolimus (NAS; formerly SEL-110) co-administered with pegadricase, a pegylated uricase (formerly SEL-037)

METHODS



- Adults with uncontrolled gout (≥3 gout flares within 18 months prior
 to screening or ≥1 tophus or current gouty arthritis diagnosis),
 treatment-resistant non-normalized sUA levels, and screening sUA
 level ≥7 mg/dL were randomized 1:1:1 to receive HD NASP, low-dose
 NASP (LD NASP), or placebo (PBO) once every 4 weeks
- This post hoc analysis focused on patients who received 6 doses of NASP or PBO in the pooled DISSOLVE I and II trial data



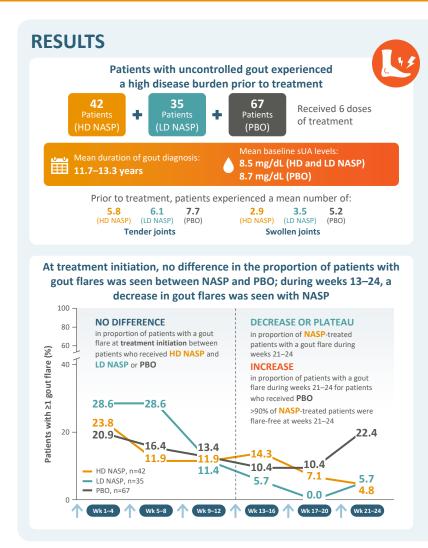
Primary endpoint

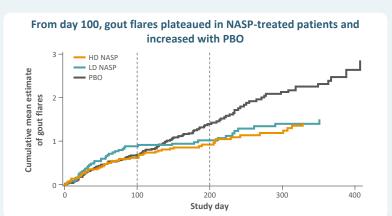
 Percentage of patients with an sUA response (sUA levels <6 mg/dL for ≥80% of time during weeks 21–24 of therapy)



Key secondary endpoint

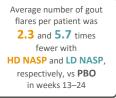
· Incidence of gout flares











Adverse events of special interest, including gout flares and infusion-related adverse events within 24 hours, were generally similar to those observed in the overall DISSOLVE I and DISSOLVE II intent-to-treat population 1