

# Sparsentan as First-Line Treatment of Incident Patients With IgA Nephropathy: Preliminary Findings From the SPARTAN Trial

## Background

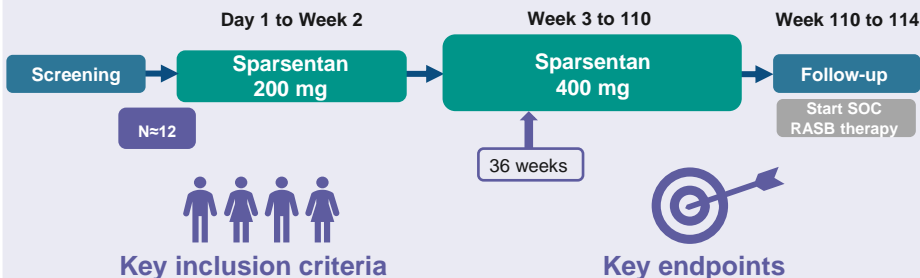


SPARTAN

NCT04663204

- Sparsentan is a **dual endothelin and angiotensin receptor antagonist**<sup>1-3</sup>
- SPARTAN is a 114-week phase 2 trial of sparsentan as a **first-line therapy in patients newly diagnosed with IgAN**<sup>4</sup>
- Clinical findings over **36 weeks** are reported

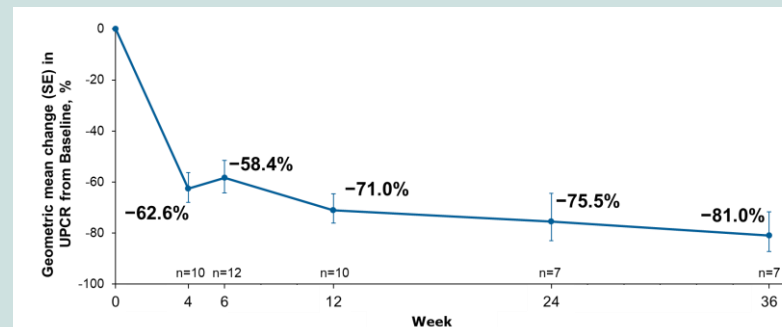
## Study Design



## Results



- Reduction in proteinuria was **≈60% from baseline** at week 4 and **sustained** over 36 weeks
- 67% (8/12)** of patients achieved **CR (<0.3 g/day)** at any time during the first 36 weeks



- eGFR measurements were **relatively stable** over 36 weeks



- Mean total **body water** showed **modest reduction** from BL to week 24



- Mean **body weight** showed **minor fluctuations** over 36 weeks of treatment



- After initial decrease, **BP remained stable** during follow-up
- Office and ambulatory BP were **similar at BL and week 6**



- Sparsentan was **generally well tolerated** over 36 weeks of treatment
- One patient discontinued treatment due to hypotension after 6 weeks
- No SAEs were treatment related

## Conclusion

Sparsentan was effective at rapidly reducing proteinuria and controlling BP in patients with newly diagnosed IgAN. Total body water was modestly reduced with no evidence of fluid retention. Sparsentan treatment was generally well tolerated, and no new safety signals were observed. Ongoing studies, including analyses of repeat renal biopsies and biomarkers, will investigate the mechanistic actions of sparsentan and its potential renoprotective effects.