

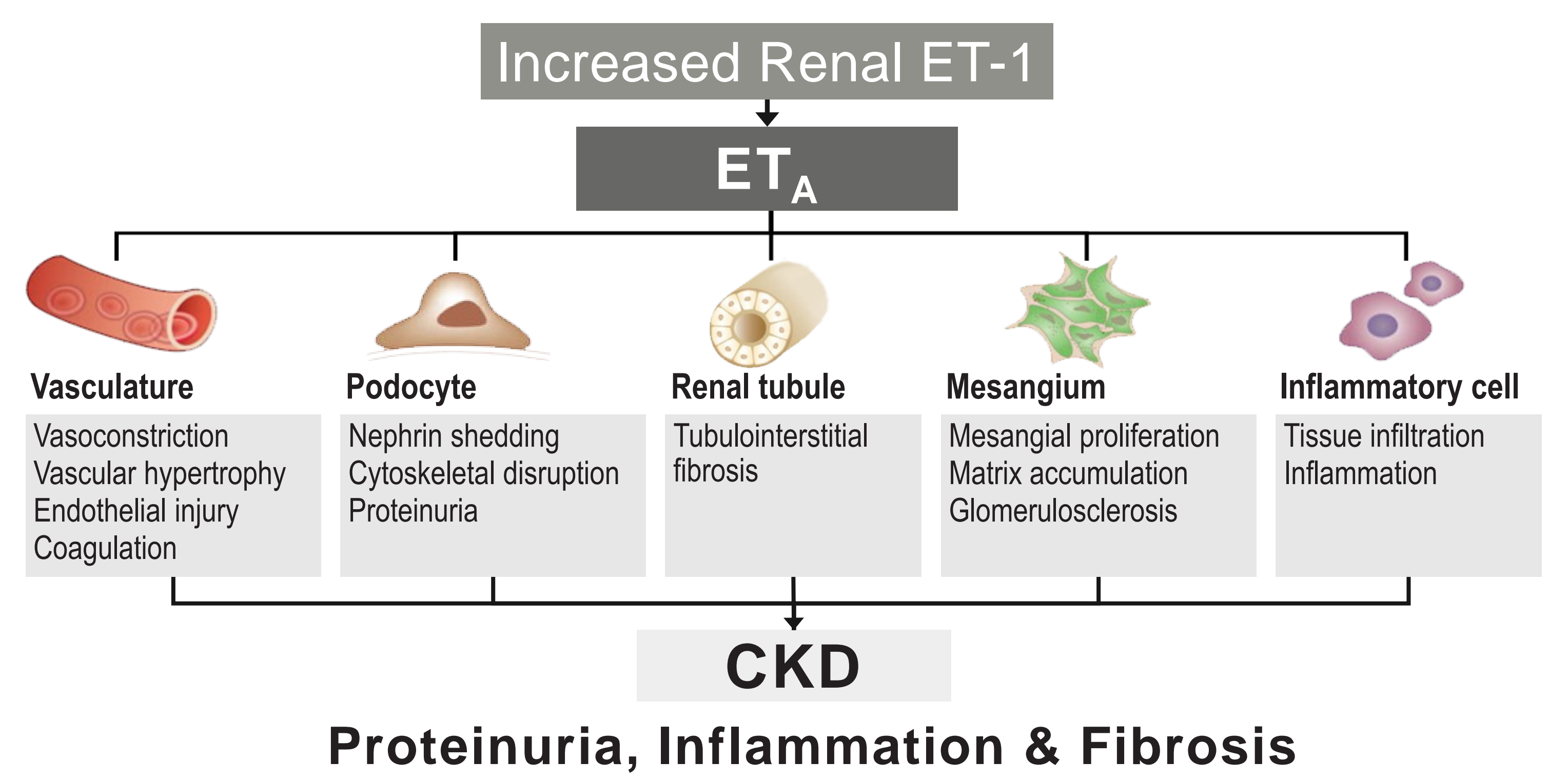
Michelle N. Rheault¹, Akinwande A. Akinfolarin², Seung Hyeok Han³, Lesley A. Inker⁴, Todd DeVries⁵, Khushboo Sheth⁵, Marianne Camargo⁵, Andrew J. King⁵, Charlotte Jones-Burton⁵

1. University of Minnesota Medical School Twin Cities, Minneapolis, MN, United States; 2. Dallas Nephrology Associates, Dallas, TX, United States; 3. Yonsei University College of Medicine, Seodaemun-gu, Seoul, Korea (the Republic of); 4. Tufts Medical Center, Boston, MA, United States; 5. Chinook Therapeutics Inc, Seattle, WA, United States

Glomerular Disease and Proteinuria

Glomerular diseases, including IgA nephropathy (IgAN), focal segmental glomerular sclerosis (FSGS), diabetic kidney disease (DKD) and Alport syndrome together are a leading cause of ESKD worldwide¹

- Proteinuria is a predictor of disease progression and ESKD in glomerular disease²
- Endothelin 1 (ET-1) expression is elevated in patients with glomerular disease³
- Endothelin A (ET_A) receptor activation drives proteinuria, inflammation, and fibrosis⁴⁻⁵

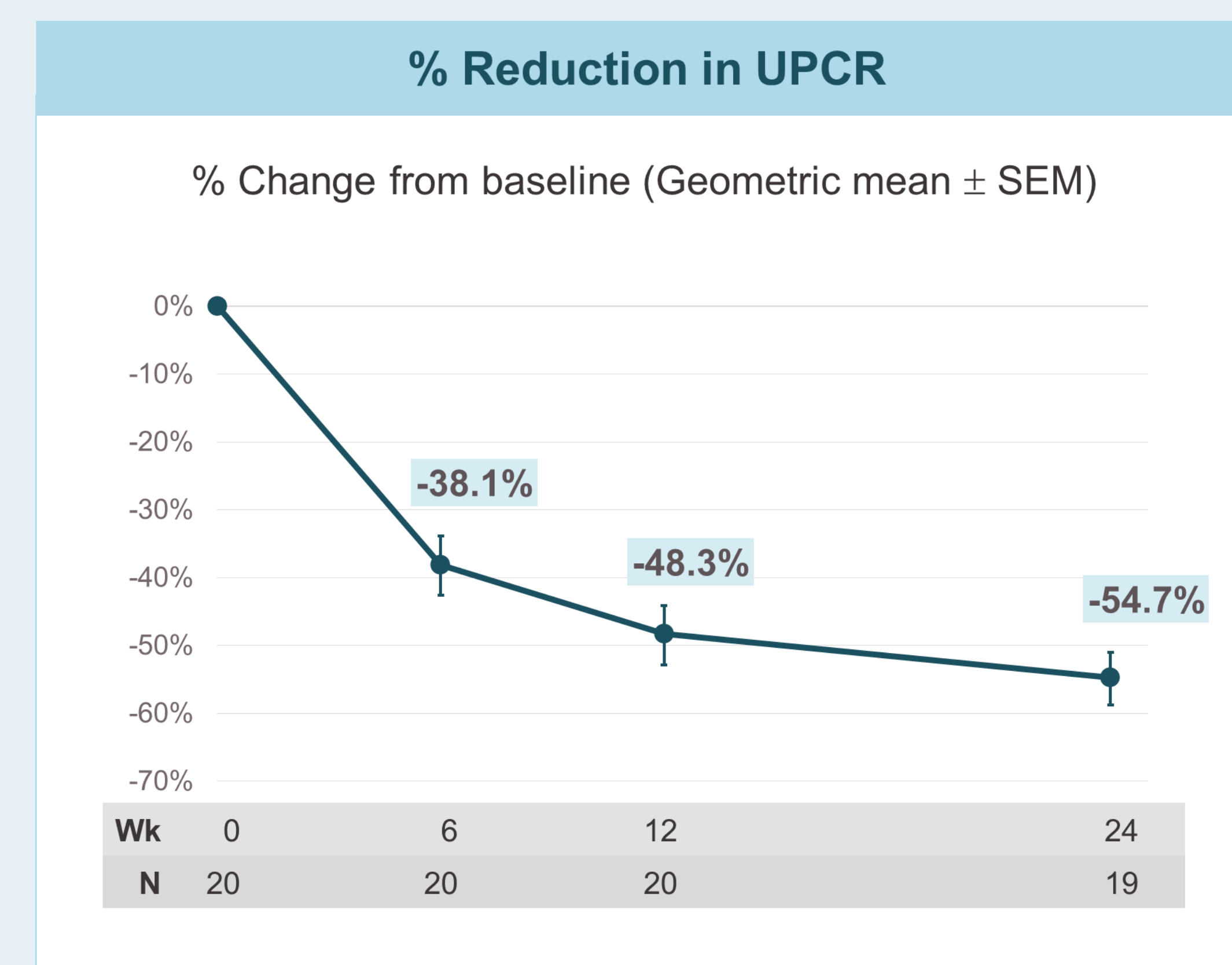


Atrasentan*

Blockade of the ET_A receptor with atrasentan, a potent and selective ET_A antagonist, represents a potential approach to reduce proteinuria and preserve kidney function in glomerular diseases

- In preclinical studies, atrasentan attenuates mesangial cell activation, glomerular and tubulointerstitial injury, and reduces proteinuria associated with IgAN⁶⁻⁸
- Atrasentan has demonstrated clinically significant and sustained proteinuria reduction with an acceptable safety profile in over 5,100 patients with DKD⁹⁻¹⁰

Interim results from the IgAN cohort of the ongoing AFFINITY study demonstrate atrasentan is generally well-tolerated and results in a mean 54.7% reduction in proteinuria at Week 24 (N=19; ASN 2022, TH-PO497)



The AFFINITY Study

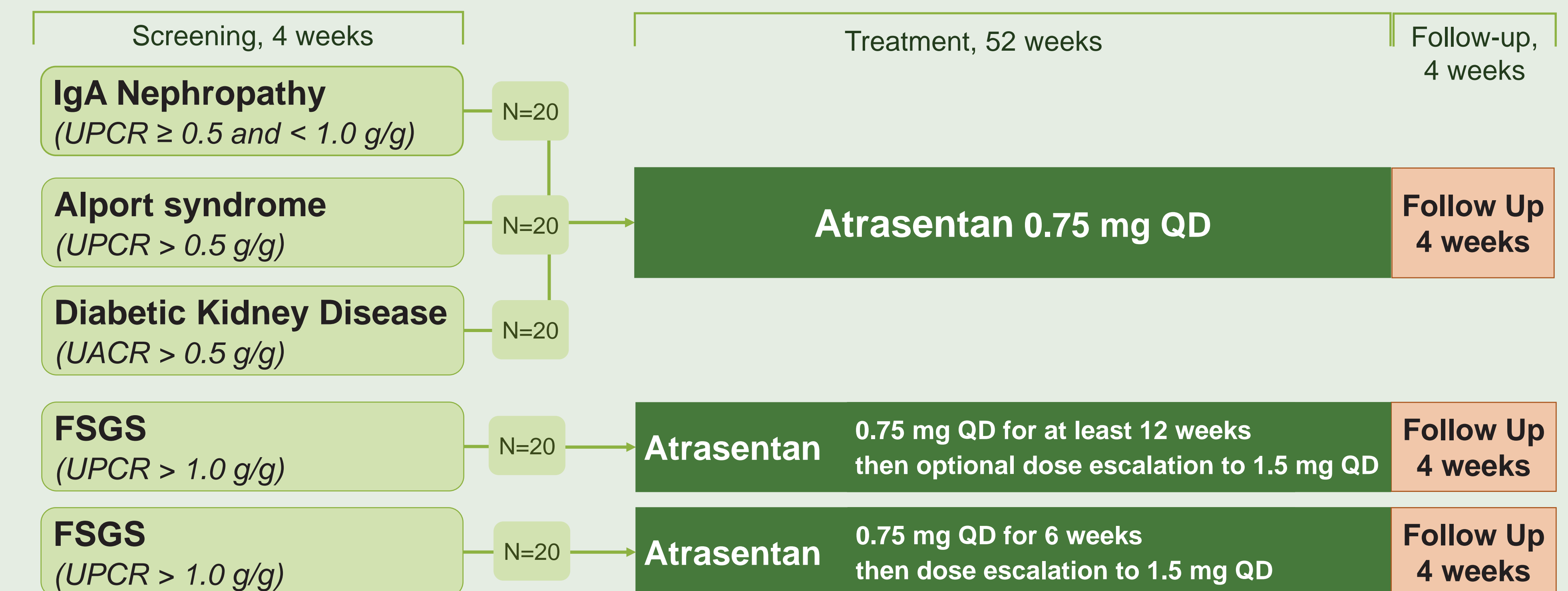


The AFFINITY study (NCT04573920) is an ongoing global phase 2 open-label basket study of safety and efficacy of atrasentan in IgAN, FSGS, Alport syndrome and DKD patients at risk of progressive loss of kidney function



Approximately 100 patients in the United States, Australia, South Korea, Spain, Italy and United Kingdom will be enrolled.

- IgAN cohort enrollment complete
- DKD, Alport syndrome, and FSGS cohorts - **ENROLLMENT ONGOING**



Key Eligibility Criteria:

- **Proteinuria must be present in all patients-** IgAN, urine protein creatinine ratio (UPCR) ≥ 0.5 and < 1.0 g/g; FSGS, UPCR > 1.0 g/g; AS, UPCR > 0.5 g/g; DKD, urine albumin creatinine ration (UACR) ≥ 0.5 g/g.
- **eGFR** ≥ 30 mL/min/1.73 m² in patients with IgAN, AS, or FSGS; eGFR ≥ 45 mL/min/1.73 m² in patients with DKD.
- Patients must be receiving maximally-tolerated **RASi** and patients with DKD must also be on **SGLT2i**.



The primary endpoint is change in proteinuria (IgAN, FSGS, AS) or albuminuria (DKD) from baseline at Week 12 for IgAN, AS and DKD, and at Week 24 post dose escalation for FSGS. **Key exploratory measures** include safety, tolerability and change in eGFR from baseline to Week 52.



Reference

1. Johansen et al, 2020, Am J Kidney Dis; 2. Hunsicker et al, 1997, Kidney Int; 3. Benigni et al, 2021, Ped Nephrol; 4. Kohan et al, 2014, Kidney Int; 5. Raina et al, 2020, Kidney Dis; 6. Olson et al, 2022, ERA; 7. Cox et al, 2021, Podocyte; 8. King et al, 2021, WCN; 9. de Zeeuw et al, 2014, JASN; 10. Heerspink et al, 2019, The Lancet.