INF2

Charcot-Marie-Tooth, FSGS

Mode of Inheritance	• Autosomal dominant
Renal Phenotype	• Proteinuria, end-stage renal disease • Age of onset: Childhood and young adulthood • Typical biopsy findings: FSGS

Extra-renal Manifestations	• Sequelae from nephrotic syndrome:
	  • Hypoalbuminemia and edema
	  • Hyperlipidemia
	  • Hypothyroidism
	  • Loss of immunoglobulins
	• Peripheral neuropathy

Pre-Transplant Management	• Avoidance of steroid and intensive immunosuppression therapy • Avoidance of renal biopsy • Screening for and management of extra-renal manifestations
Transplant Considerations	• Tailor immunosuppression given lower risk of recurrence post-transplant • Careful screening of potential living related donors (inherited in an autosomal dominant manner)
Post-Transplant Management	• Lower risk of disease recurrence (4.5% vs 28.5%) (Trautmann *CJASN* 10:592, 2015)

https://www.omim.org/entry/603965