

NPHP1

Nephronophthisis, Joubert Syndrome, Senior-Loken Syndrome

Mode of Inheritance	<ul style="list-style-type: none">• Autosomal recessive
Renal Phenotype	<ul style="list-style-type: none">• Nephronophthisis• Age of onset: Childhood or early adolescence
Extra-renal Manifestations	<ul style="list-style-type: none">• Growth retardation• Retinitis pigmentosa• Oculomotor apraxia• Developmental delay• Ataxia and impaired balance• Cerebellar vermis hypoplasia
Pre-Transplant Management	<ul style="list-style-type: none">• Screening and management of extra-renal manifestations
Transplant Considerations	<ul style="list-style-type: none">• Tailor immunosuppression given low risk of recurrence post-transplant
Post-Transplant Management	<ul style="list-style-type: none">• Low risk of disease recurrence• Higher rate of post-transplant polyuria in patients with native kidneys (Hamiwka <i>Ped Transplant</i> 12:878, 2008)