

Senior Løken syndrome (SLS; OMIM #266900) is a rare disorder belonging to the general group of rare diseases called ciliopathies that result in nephronophthisis and Leber congenital amaurosis. Nephronophthisis is the progressive wasting of the filtering unit of the kidney; it is characterized by cysts that develop in the kidneys during infancy or early childhood.

Individuals will also develop symptoms of early-onset retinal dystrophy, a progressive retina disease that damages vision, within the first few years of life. Eventually the individual may experience renal failure and vision loss. Senior Løken syndrome is a very rare disorder affects males and females in equal numbers. It is estimated that the prevalence is 1/1 million people worldwide. Only a few families with the condition have been described in the medical literature.