Glomerulonephritis and Associations

The history (infection, virus, tumor, drug) points to the cause of each glomerular disease

IgA

IgA nephropathy (Berger)

IgA glycosylation defect · hematuria at the same time as a respiratory infection · secondary to cirrhosis or celiac disease

MN

Membranous

anti-PLA2R antibodies · adult nephrotic syndrome · solid tumors, HBV/HCV, lupus, drugs

PSGN

Poststreptococcal

2-3 weeks after pharyngitis or impetigo (S. pyogenes)

FSGS

Focal segmental glomerulosclerosis

idiopathic or genetic · HIV, obesity, heroin

MPGN

Membranoproliferative

immune complexes and complement · HCV, cryoglobulinemia

Hematuria with a cold
IgA nephropathy (no latency)

2-3 weeks after
a throat or skin infection: poststreptococcal

Complement
Low in poststreptococcal, lupus and membranoproliferative

Adult membranous: look for a tumor and anti-PLA2R · the latency separates IgA from poststreptococcal