

DIFFERENTIAL DIAGNOSIS

Glomerular Disease	LM/Special Stain	IF/IHC	EM
Collagenofibrotic glomerulopathy	MPGN pattern	Collagen III positive	Fibrils with periodicity; curved, frayed, worm, and comma shaped appearance
Amyloidosis	Congo red, Thioflavin T or S positive	Precursor protein detection	Nonbranching, 7- to 12-nm fibrils, randomly arranged
Diabetic Glomerulopathy	Nodular GN; PAS +ve Congo red, Thioflavin T or S negative	Linear IgG and albumin	Fibrils 10–25 nm in nodular mesangial areas (diabetic fibrillosis)
Immunotactoid Glomerulopathy	MPGN pattern with proliferative glomerular morphology	Typical granular pattern of immunoglobulin staining	Microtubular Structures
Light/Heavy Chain Deposition Disease	PAS +ve	Monoclonality	Powdery, electron-dense light-chain deposits
Fibrillary Glomerulopathy	Weak PAS +ve	DNAJB9 (New Marker)	Nonbranching, 15 to 20-nm fibrils, randomly arranged