



UNDERSTANDING THE ALPORT SPECTRUM

One Gene, Many Faces

A Spectrum of Type IV Collagen Disorders

Different Genes...
Different Severity...
Same Spectrum!



CLASSIC TRIAD



Kidney Disease



Hearing Loss



Eye Abnormalities

MILD

Benign Familial Haematuria



Microscopic haematuria only

Thin Basement Membrane Nephropathy



Thin GBM
Often normal kidney function

Autosomal Dominant Alport Syndrome



Hematuria $\pm$ Proteinuria
May progress to CKD
(Usually adult onset)

Females With X-Linked Alport Syndrome



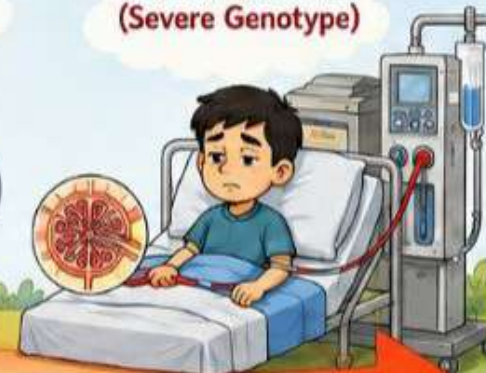
Variable severity
Hematuria $\pm$ Proteinuria
Risk of CKD

Alport Syndrome (Mild Genotype)



Early hematuria
Progressive CKD
Later onset

Alport Syndrome (Severe Genotype)



Early onset
Proteinuria
Progressive CKD
Kidney failure

SEVERE

Genes commonly involved: COL4A3, COL4A4, COL4A5, FN1

KEY TAKEAWAYS



- Think Alport in any patient with persistent haematuria
- Early diagnosis helps slow progression
- Genetic testing guides management & family screening
- ACEi/ARB, BP control & early care make a difference

WHAT IS ALPORT SPECTRUM?

Alport Spectrum Disease includes a range of kidney disorders caused by mutations in type IV collagen genes. It ranges from isolated haematuria to kidney failure, often with hearing loss and eye abnormalities.



Recognize early, Treat early, Change outcomes.

INVITATION TO DISCUSSION (NOT WEBINAR)

We cordially invite you to an exclusive discussion for Nephrologists

**"ALPORT SPECTRUM DISEASE:
FROM GENE TO CLINICAL CARE"**



Date:
Monday
11/5/2026



Time:
09:00 - 10:00 PM IST



Platform:
Zoom Meeting

Join Us to
Explore the
Spectrum,
Improve
Outcomes!

