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History in Nephrology

Legends whose contributions inspire us even today!

Alport Spectrum Disorder

Arthur Cecil Alport

Arthur Cecil Alport

Was a British Physician who first clearly described the hereditary association of

- **Kidney Disease**
- **Hearing loss**
- **And amilial occurrence**

In 1927

He published observations of a family in which several members had progressive nephritis and deafness, recognizing that the condition was inherited.

AT that time, the condition was called:

- Hereditary familial nephritis
- Later popularly termed Alport Syndrome

Modern Terminology

Today many experts use broader terms such as:

- **Alport spectrum disorder**
- **COL4A – associated nephropathy**
- **Type IV collagen nephropathy**

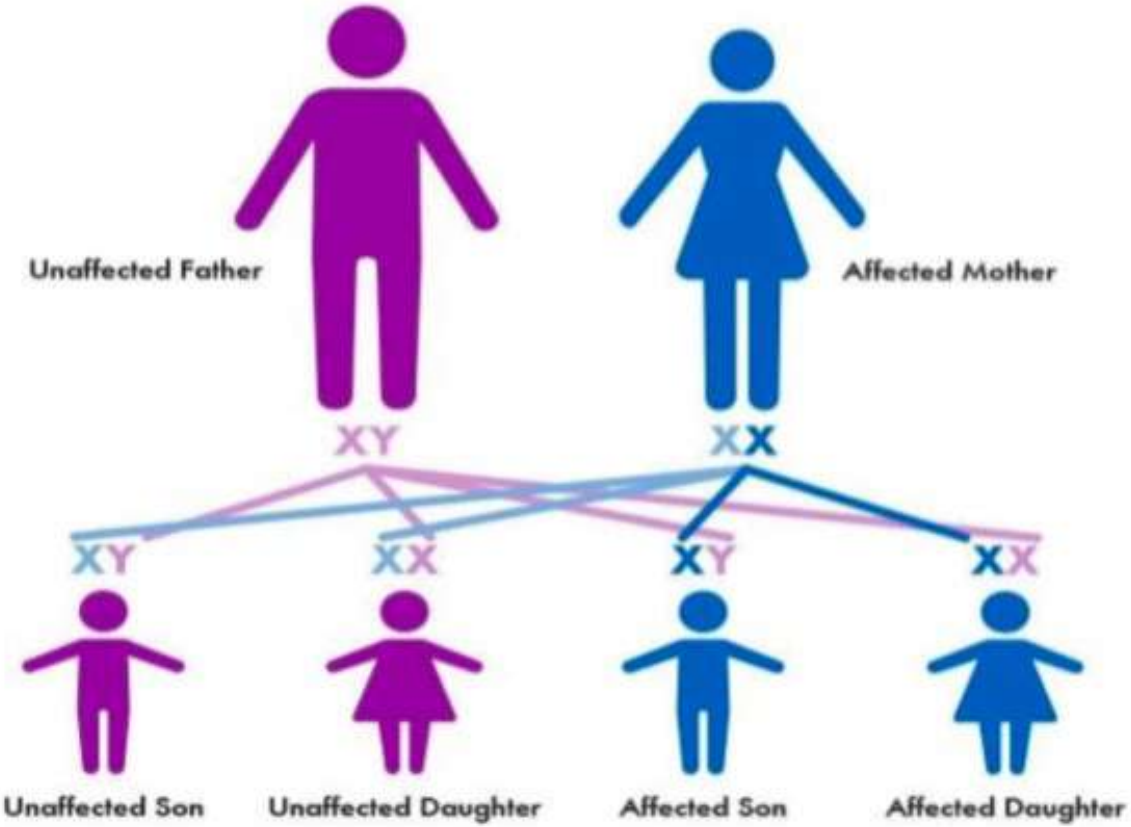
This reflects that the disease ranges from:

- **Mild isolated haematuria to**
- **Severe early kidney failure with deafness and ocular disease**

XLAS

X-Linked Alport Syndrome

Affected Mother



X is the gene from the Mother that carries Alport Syndrome. Each child will have a 50% probability of inheriting the Alport Syndrome gene from the affected Mother.

UNDERSTANDING THE ALPORT SPECTRUM

One Gene, Many Faces

A Spectrum of Type IV Collagen Disorders

CLASSIC TRIAD

- Kidney Disease
- Hearing Loss
- Eye Abnormalities

MILD → **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!

LEARN • SHARE • ADVANCE
Together for Better Kidney Care

3 QUIZES 3 PRIZES!

- QUIZ 1 PRIZE 1
- QUIZ 2 PRIZE 2
- QUIZ 3 PRIZE 3

Be a Part of the Knowledge.
Be a Part of the Change.