



EXTRACORPOREAL NEPHROLOGY GROUP MEETING (ECNG)

QUIZ 11.05. 2026



EXPERT OPINION AND QUIZ MASTER

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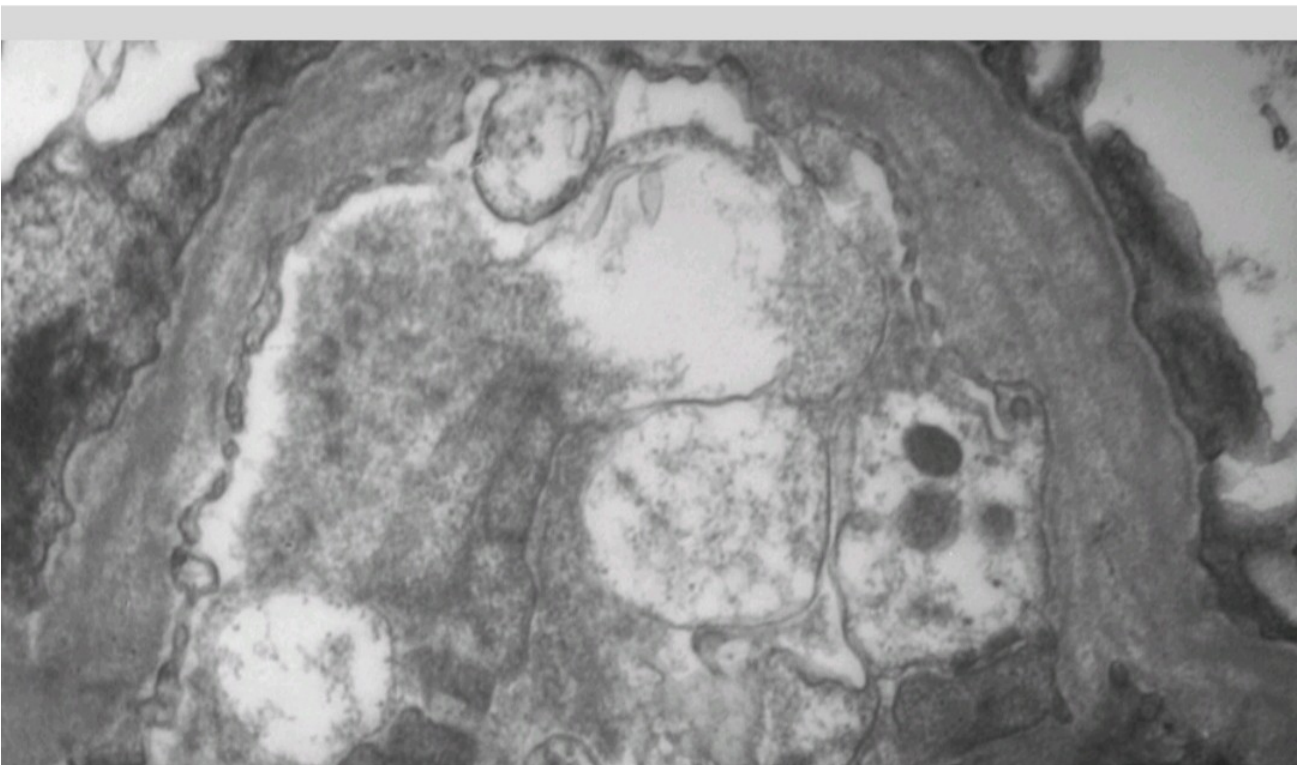
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Nephropathology quiz

A kidney biopsy was done for a 16 year old with persistent microscopic hematuria and gradually worsening renal function . He also had sensorineural hearing loss on evaluation. Electron microscopy image of the biopsy is given



The classic “ basket weave” appearance in the image is produced by:

- a) Duplication of basement membrane due to mutations in collagen
- b) Irregular lamellation and splitting of lamina densa
- c) Capillary loop damage causing mesangial interposition
- d) Fibrillary deposition in the glomerular basement membrane

Answer : Irregular lamellation and splitting of lamina densa

Basket weave appearance is characteristic electron microscopy finding in Alports syndrome. Mutations in alpha 3, alpha 4, or alpha 5 type IV collagen, results in irregular thin and thickened areas with multi-laminated appearance of the lamina densa, resulting in a so-called basket-weave pattern

Question

What is the recommended timing for starting RAAS blockade in a male infant diagnosed with X-linked Alport syndrome via family screening?

- A. When the child reaches 18 years of age
- B. Once the eGFR drops below 60 mL/min/1.73 m²
- C. As soon as persistent proteinuria is detected
- D. At the time of genetic diagnosis or onset of microhematuria

Answer: At the time of genetic diagnosis or onset of microhematuria

Question

Choose the correctly given pair among the following

- A - Early protect trial – Dapagliflozin in AS
- B - Cardinal trial- Bardoxolone slowed the egfr decline in AS patients
- C - Ramipril dosage in children with AS - 6mg/m²/ day
- D - AFFINITY (PHASE2) – Sparsentan in AS

Ramipril dosage in children with AS - 6mg/m²/ day