

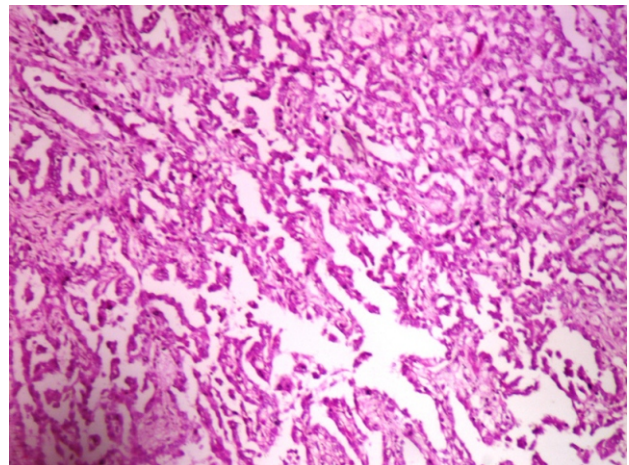
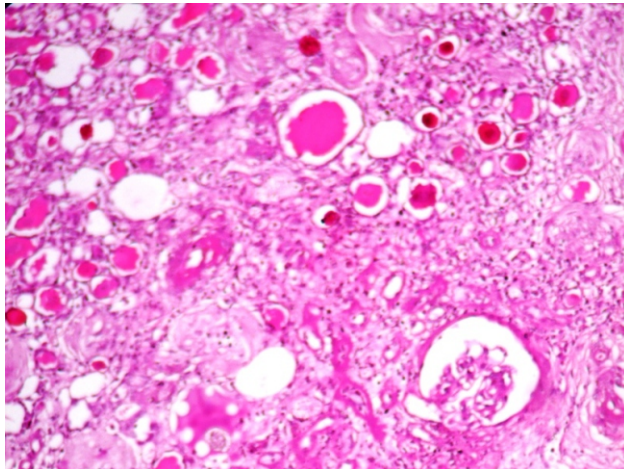
Quiz

A 52 year old man underwent right side nephrectomy for a non functional kidney. Kidney measured 4.5 x 4.5 x 2 cm with attached ureter measuring 7 cm in length. The renal capsule was adherent to the cortical surface which showed irregular scars. Cut section showed grey white areas with cystic change. A grey white nodule measuring 1.0 cm in diameter was seen at the cortex.

Microscopy showed focal hyalinization of glomeruli, atrophy and thyroidisation of tubules, interstitial fibrosis with chronic inflammatory infiltrate and hyperplastic arteriosclerosis.[Fig:1] Sections from nodule showed tumor cells arranged in papillary and tubule formation lined by cuboidal to hobnail cells having round nucleus with vesicular chromatin and inconspicuous nucleoli.[Fig:2]

Questions

1. What is the diagnosis?
2. What is the cytogenetic abnormality seen in this condition?
3. What is the most important differential diagnosis to be considered?



Corresponding author:

Dr. Vidyavathi.K,

Departmentt of Pathology,

Sri DevarajUrs Medical College,

Tamaka, Kolar

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