

Case 4.

Sections show a tumour composed of cells arranged in papillae with thin fibrovascular cores. Individual cells are polygonal with abundant ^{granular} eosinophilic cytoplasm. Few cells show clear cytoplasm. Nuclei are round with no evidence of pleomorphism. The tumour shows haemorrhage and psammomatous calcification. There is no lymphovascular or perineural invasion seen.

Diagnosis

I would like to give a differential diagnosis in this case.

- ① Transitional Renal cell carcinoma (favoured)
- ② Papillary Renal cell carcinoma.

Additional work up

I then made a 2x2 table and listed the immunohistochemistry to distinguish between the two.

I also recommended family screening.

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