

# **RADIO-PATH IDM**

**PRESENTER: Dr. Shiny**

## **Summary**

**Diagnosis:** Invasive high-grade papillary urothelial carcinoma with 90% conventional morphology and 10% squamous differentiation. Tumor invades the muscularis propria (in Specimen B).

**Tumor Configuration:** Tumor showed both papillary (60%) and solid/nodular (40%) patterns with 20% necrosis. No lymphovascular invasion was noted.

**Microscopic Features:** Tumor cells showed papillary architecture with central fibrovascular cores, solid nests invading muscle, necrosis, and areas of squamous differentiation.

**Immunohistochemistry (IHC):** Urothelial lineage supported by markers like p63, GATA3, and high-molecular-weight cytokeratins.

**Subtypes of Urothelial Carcinoma:** Described subtypes include conventional, squamous, glandular, micropapillary, nested, plasmacytoid, sarcomatoid, lipid-rich, clear cell, giant cell, and poorly differentiated variants.

