

CASE 071

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ACKNOWLEDGEMENT: Technical support: Mr.Devender Sharma, Mr. Harsh Raj.

CASE HISTORY:

55 year male presented with tongue mass.

CASE HISTORY AND IMAGING:

55-year male presented with a 2.3 cm unifocal, well-circumscribed mass. FNAC done suggested it to be pleomorphic adenoma. Following this, excision of mass was done. We received paraffin blocks for review and immunohistochemical evaluation.

HISTOPATHOLOGY AND IMMUNOHISTOCHEMISTRY:

Microscopy revealed a well-circumscribed tumor in sub-epithelium underlying stratified squamous mucosa. The tumor was arranged in sheets and composed of varying sized adipocytes. The cells displayed distinct cell membranes, with clear, vacuolated cytoplasm and eccentric, slender, hyperchromatic nuclei. The surrounding stroma was focally myxoid and interspersed with thin walled blood vessels. No necrosis or marked atypia or lipoblasts was identified. (Figures: 1,2 and 3)

On immunohistochemistry, the tumor cells were diffusely immunoreactive for S100 (figure 4) , MDM2 (figure 5) and CDK4 (figure 6) whereas negative for PanCK. KI67 labelling index was 2 %.