

Adenolipoma mimicking glomus tumor



A 41-year-old female with neurofibromatosis type 1 (NF1) presented with worsening of pain, localised tenderness and cold hypersensitivity noticed in her right 5th fingernail since 5 months .

Physical examination - small, reddish-purple, subungual lesion with exquisite point tenderness .

Dermoscopy- blue–grey background that blanched white with pressure

Considering the lesion’s location and associated symptoms, the leading diagnosis was a **glomus tumour**.

Surgical excision was done and sample sent for HPE.



HPE- Small fragment of mature adipose tissue with

entrapped eccrine glands, consistent with an adenolipoma.

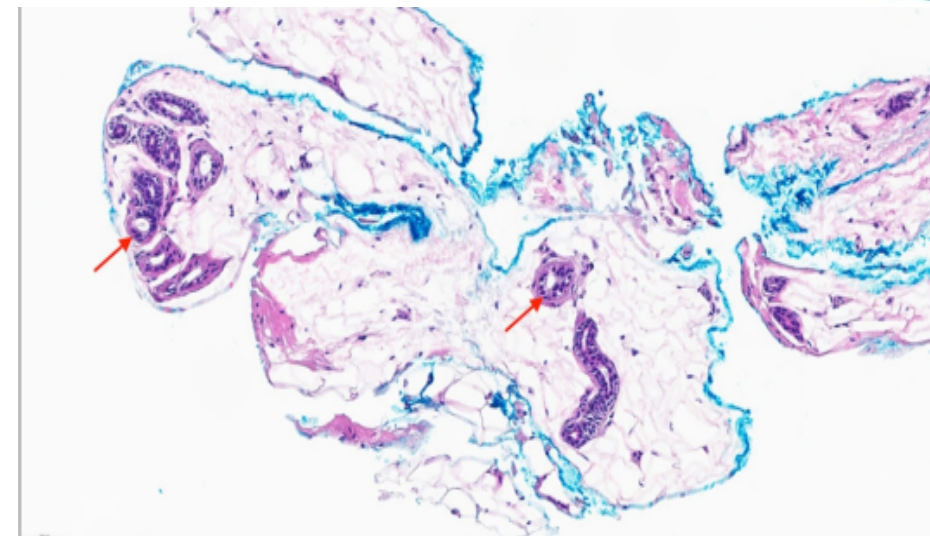
Final diagnosis - Adenolipoma

Discussion - Adenolipomas are rare benign tumors with the mature adipose tissue interspersed with glandular elements.

They are slow growing, soft painless , s/c , most often in head , neck , trunk & extremities.

The painful nature of the adenolipoma is due to pressure on surrounding nerve fibres, provoking pain.

Eccrine components of adenolipoma there entrapment and distortion in innervated lesions leading to sensory discomfort.



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