

A Rare Case of Subungual fibroma of the index finger

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INTRODUCTION:

Subungual fibroma is a rare tumour that derives from the nail matrix. Commonly occur between second and fifth decade especially with patient who has tuberous sclerosis. Also with patient whom has preceding trauma, however exact etiology remain unknown. ¹

REPORT:

we present a case of 64 years old gentleman, whom had history of of right index finger being hit by door 5 years ago, subsequently had gradual swelling, itchniess and mild pain over the right index finger for the past 1 month. On examination, noted right index finger, nail plate was thickened and had yellowish discoloration and is overcurvature. Upon removal of nail plate, noted mass of 1.2 x1.8cm growing over nailbed arising from germinal and sterile matrix, strawberry in shape and colour with soft consistency. MRI shows a well circumscribed exophytic ovoid mass arising from germinal matrix and nailbed of index finger, measuring 1.2 x1.8x 0.8cm. Demonstrating hypointense signal on PD sequence, iso-slightly hyperintense on T2/fatsat sequences. Mass is encircling ventral aspect of distal phalanx but does not seem to erode the cortex of bone.

Excision biopsy was done and tumour was sent for HPE. HPE shows proliferating spindle cells arranged in vague storeiform appearance with no cellular atypia, mitosis or necrosis. Concluding findings from

clinical, radiological and histopathology, our final diagnosis is a subungual fibroma of right index finger



CONCLUSION:

Many cases are misdiagnosed as onychomycosis, or diagnosis is often delayed in view of slow growth and absence of pain in most cases. Therefore we are reporting a case of subungual fibroma to help clinician recognize feature of subungual fibroma early and the treatment is a complete surgical excision.²

REFERENCES:

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