

Brewing DIAMONDS

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INTRODUCTION:

Lipoma is a commonly found benign soft tissue neoplasm. Variant types of lipoma are described based on mixed of other soft tissue components within lipoma. Ossified lipoma is defined as histologic variant of lipoma that has undergone osseous metaplasia. Classified into 2 groups according to the predominance of the osseous component: ossifying lipoma and osteolipoma. It is rare variant of lipoma and rarely reported. In this case report, the author is excitingly presenting a case of ossified lipoma over the foot due to repetitive micro trauma which to the best knowledge of the author it has never been described before by previous literatures.

REPORT:

65 years old lady, Presented with history of swelling over the left sole. Progressively increasing in size associated with intermittent prickling pain while ambulating. On examination, left foot swelling measuring by 8cm by 4 cm over the sole, Hard and tender on palpation with no overlying skin changes. X rays showed large calcified lesion seen over the sole with scalloping effect seen over the 1st Metatarsal bone. MRI showed 10cm X 3.1cm X 4.7cm calcified fat-containing mass with mass effect over adjacent structures.

Figure 1 and 2: X-ray of Left Foot



She underwent Excision Biopsy over the left foot. Approach made through incision along medial border of foot.



Figure 3 and 4: Intraop findings calcified multinodular mass 10 x5 cm in between 2nd layer of sole.

She was subsequently discharged home. Histopathology examination showed Lipoma with osseous and cartilage metaplasia.

CONCLUSION:

In cases with clinical judgment and advanced imaging suggestive of calcified component within soft tissue mass. It is important to keep in mind of ossified lipoma. Diagnosis of ossified lipoma are established by histopathological examination. A prompt surgical excision is advised.

REFERENCES:

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