



SKIN CANCER (OTHER THAN MELANOMA)

ANGIOLEIOMYOMA PINNA- A RARE PRESENTATION

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Background: Angioleiomyoma is a benign tumor arising from the vascular smooth muscle (tunica media). It occurs predominantly on the lower extremities, less commonly on the head or trunk, and rarely on the hands or in the mouth. This is a case report of angioleiomyoma of ear lobule.

Observation: A 29-year-old male presented with an asymptomatic swelling over the left ear lobule for the last 12 years. On examination, a single, soft, skin-colored, non-fluctuant nodule of size 1.5x1.5 cm was seen which was non-tender on palpation. FNAC from the nodule yielded blood. Surgical excision was done and the sample was sent for histopathology. Microscopic examination showed well-circumscribed tumor composed of smooth muscle cells compactly arranged into bundles and whorls around thick-walled vascular channels. Masson trichrome stain highlighted smooth muscles as dark red. A diagnosis of angioleiomyoma was made. A 6-month post-operative follow-up was uneventful.

Key message: Angioleiomyomas most commonly present as a solitary, firm subcutaneous nodule on the lower extremity. They often develop in women during the fourth to sixth decades of life. Approximately 50% of angioleiomyomas are painful. Diagnosis is usually made after surgical excision and histological study of the tumor. Surgical excision is curative and recurrence is minimal. Angioleiomyomas should be considered in the differential diagnosis of soft tissue masses, keeping in mind that the clinical diagnosis of such lesions is often difficult and usually requires pathologic examination.

