



SKIN CANCER (OTHER THAN MELANOMA)

## PILOLEIOMYOMA: A CASE REPORT

*Kiran Chandragiri Giri<sup>(1)</sup>*

*Vydehi Institute Of Medical Sciences And Research Centre, Ragiv Gandhi University And Health Sciences, Bangalore<sup>(1)</sup>*

**BACKGROUND:** Piloleiomyoma are uncommon smooth muscle neoplasms of the skin with a few reported cases in Indian literature. They are often misdiagnosed clinically. A correct biopsy report is important because patients may have to be managed medically since surgery is associated with a high rate of recurrence. The classical histologic findings aids in the correct diagnosis.

**OBSERVATION:** A 40year old female presented with multiple papules and nodules over the left sided arm since 10yrs duration, associated with pain since 5yrs. The lesions were multiple with the sizes varying from 0.5 to 1.0cms in diameter, skin coloured to reddish brown in colour, smooth waxy surface, lesions were tender on palpation, few lesions were mobile. There was no family history of similar complaints. Systemic examination revealed no abnormality. Routine blood, urine examination, ultrasound abdomen were normal. Histopathologically, the tumour is illdefined and located in the upper dermis. It consisted of interlacing bundles of smooth muscle fibres surrounding normal dermal adnexa. The cells were spindle shaped and had oval blunt ended nuclei.

**KEY MESSAGE:** Cutaneous leiomyomas are rare lesions and there is limited literature on its clinicopathologic features. These form an important clinical differential diagnosis of painful papulonodules and must be biopsied in order to differentiate them from spindle cell lesions like dermatofibroma, neurilemmoma, neurofibroma, fibromyoma and smooth muscle hamartoma. This case is being reported for its rarity.

