

Lipoma of Penis - A Very Rare Presentation

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Abstract: *Lipoma is a benign mesenchymal tumor composed of mature adipocytes and is one of the most common soft tissue tumors in the human body. Despite its ubiquitous distribution, occurrence of lipoma in the penis is extremely rare due to the absence of adipose tissue in penile layers. We report a rare case of penile lipoma in a 55-year-old male, highlighting its clinical presentation, histopathological findings, management, and outcome.*

Keywords: penile lipoma, benign soft tissue tumor, rare penile swelling, surgical excision, case report

1. Introduction

Lipoma is a slow growing tumor composed of adipocytes, may be encapsulated / diffuse. Lipomas are among most common benign tumor, can occur anywhere in the body, hence called “ubiquitous /universal tumor”. But lipoma of penis is extremely rare.

Objective

To represent and a knowledge a very rare case of Lipoma of Penis.

2. Materials and Method

- Case Report - 55 years old male patient presented to surgical OPD with complaints of globular swelling over penile shaft for the past one year, which was painless, gradually increased in size and attained the present size.
- On examination: soft, non tender, well circumscribed, lobular swelling of about 5cms in diameter with smooth surface, mobile, not fixed to skin or deeper structures was noted over ventral aspect of shaft of penis at its distal end.
- Investigations: routine blood and urine examination was normal. FBS, PPBS, Blood urea and serum

creatinine –normal. FNAC was not carried out for the want of excisional biopsy and accurate diagnosis.

HPE: Gross examination – resected specimen was found encapsulated with smooth surface, cut section shows yellowish pink colour nodular mass.

Microscopic appearance – consisted of mature adipose tissues confirming diagnosis of Benign lipoma of penis.

- Treatment: Surgical excision of lump along with overlying skin was done under penile block.

3. Discussion

Lipoma's are benign lesions included in the wide spectrum of swellings in penis. Although asymptomatic and of low objective significance, they often cause aesthetic and psychogenic problems. Patient recovered from dysfunction after surgical excision, improved sexually, aesthetically and psychologically.

4. Conclusion

Histologically, fat cells are absent from all layers of penis. So, development of penile lipoma is unusual. Only few cases of lipoma of penis have been reported in the literature so far. Hence this case is reported due to its rarity and unusual presentation