

“A Handful of Growth: Case of a Lipoma in a 6-Year-Old Girl”

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INTRODUCTION:

Lipomas are the most common benign soft tissue tumors, primarily consisting of mature adipose tissue. While they can occur in various anatomical locations, their incidence in the pediatric population is relatively low, particularly in the hand.

REPORT:

A 6-year-old girl was brought to the pediatric clinic with a complaint of swelling in the palmar aspect of his left hand. The swelling had been present since he was 1 year old and had gradually increased in size over the years. The patient's medical history was unremarkable. Physical examination revealed a soft, palpable mass measuring approximately 4 cm x 3 cm, with no signs of tenderness, redness, or limitation of mobility.

The procedure was performed under general anesthesia, and the mass was excised completely. Histopathological examination of the resected specimen revealed a fairly circumscribed mass composed of mature adipocytes consistent with a lipoma.

DISCUSSION

Lipomas are generally asymptomatic and may present as painless, soft tissue swellings. In children, they can be mistaken for other conditions such as hemangiomas or cysts. The progressive growth observed in this case raised suspicion for a more aggressive lesion.

A review of existing literature shows that the majority of lipomas in children are located in the trunk and extremities. The location on the hand, particularly the palmar aspect, is atypical and presents unique challenges regarding functional outcomes and cosmetic reconstruction.



Figure 1: Image left hand



Figure 2: Postoperative clinical picture

CONCLUSION:

A thorough clinical assessment and consideration for surgical management are essential for such cases. It is crucial for practitioners to be aware of lipomas as a differential diagnosis for soft tissue masses in children.

REFERENCES

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