

LYMPHANGIOMAS OF FOOT IN TODDLER: A CASE REPORT

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Introduction: Lymphangiomas are rare form of vascular lymphatic malformation. It occurs due to error in embryonic development of vascular tree. Occurrence of foot and ankle lymphangioma has been seldom reported. We report a case of 5 years old toddler with recurrent lymphangiomas of foot including ankle.

Discussion: A 5-year-old girl was brought in for swelling at medial side of right foot. Ultrasound showed encapsulated iso-echoic soft tissue mass over right ankle with no intralesional vascularity suggestive of lipoma. Excisional biopsy done and the tissue HPE reported as lymphangiomas. Patient returned to clinic after 8 months with recurrent swelling at same site. MRI done and was suggestive of recurrence of lymphangiomas with muscular involvement at foot.

Conclusion: It can occur at any almost part of the body but remain rare in lower extremities. Approximately 90% of lymphangiomas diagnosed in children less than 2 years and it only account 6% of benign childhood tumors. Complete surgical resection is operative goal. A compressive bandage should be applied immediately after surgery to prevent complication. Even with that, recurrence rate is reported to be 40% after a complete excision. In conclusion, a thorough history and physical examination are required to diagnose these type of benign soft tissue tumors. MRI is highly recommended to aid in diagnosis. It is advised the surgery to be done by an experience surgeon in case of recurrence with aim of total resection to avoid further recurrence.