

ANGIOMATOID FIBROUS HISTIOCYTOMA: FIRST CASE REPORTED IN KUANTAN

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Introduction: We presenting a case of 21 year-old Malay girl who was referred to Tengku Ampuan Afzan General Hospital Orthopedic Department for slow growing right upper back swelling for the past 1 year. The swelling was painless, but as it grew bigger she developed compressive symptoms like dysphagia and neck movement restriction. Before she was referred to us, she has been investigated by general surgeon who did fine needle aspiration cytology (FNAC) twice. The smear came back as suggestive of a mesenchymal tumor. We perform contrast-enhanced computer tomography (CECT) thorax on her, revealed a large multi-lobulated soft tissue mass at the posterior right upper thorax. Subsequently MRI of the neck and thorax was done and showed large lobulated complex cystic mass measures 5.6x 6.1 x 13.2cm within the right posterior neck causing splaying of the paraspinal muscles. A true cut biopsy was done right after however the result only revealed a mesenchymal lesion with no definite histologic differentiation.

Discussion: She underwent wide local excision of upper back and neck with lattismus dorsi flap as wound coverage. There was a large soft tissue mass, well circumscribed, red-brownish in colour measuring 20 x 15cm removed from the right upper back. Histopathological examination of the excised soft tissue was consistent with angiomatoid fibrous histiocytoma.

Conclusion: Complete surgical excision without adjuvant therapy was considered an appropriate treatment for AFH.