Mesenchymal Hamartoma: A Review of Literature

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Abstract
Mesenchymal Hamartoma is a rare, benign osseous tumor that typically involves the rib cage and presents during the first year of life. There is a case of this tumor originating in the cervical spine, described in literature. I document a brief literature review. In this review, there are not figures and outcomes.

Keywords: Mesenchymal hamartoma; Spine

Introduction
Mesenchimal hamartomas are rare, benign osseous tumors that typically involve the rib cage and present during the first year of life [1-9]. Aggressive growth is not part of the natural history, and surgical excision is generally curative. Fewer than fifty cases have been reported in literature to date. To my knowledge, there have been a case report of this tumor originating in the spine. The lesion appears expansile on radiographs and often causes deformity of the chest wall and ribs. It may be lobulated, is primarily cartilaginous, and may contain bone trabeculae.

Although most of these lesions are benign, malignant transformation has been reported [5]. Epidemiology, Pathologic findings, biopsy, treatment. Mesenchimal hamartoma is a rare tumor that has not previously been described as originating from the spine and more specifically, from the cervical spine in an adult.

Mesenchymal hamartoma most commonly presents as a chest-wall deformity, respiratory compromise, or pneumothorax in an infant or as an incidental finding on a chest radiograph. There have been reports of this tumor being detected in utero [6]. The features of this tumor are usually those of an aggressive, expansile lesion that most commonly originates from a rib.

References

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