

PINNAL CALCINOSIS

M.A. Şehitoğlu, M.D.* /C. Üneri, M.D.** / M. Çelikoyar, M.D.*** / A.Tutkun, M.D.***

* Associate Professor, Department of Otorhinolaryngology, Faculty of Medicine, Marmara University, Istanbul, Turkey.

** Assistant Professor, Department of Otorhinolaryngology, Faculty of Medicine, Marmara University, Istanbul, Turkey.

*** Research Assistant, Department of Otorhinolaryngology, Faculty of Medicine, Marmara University, Istanbul, Turkey.

A case of calcinosis (circumscribed type) of the auricle is presented because of its rarity.

CASE REPORT

A 5 year old boy is presented with an auricular mass of 6 months duration. Aside from its progressive enlargement it did not cause any symptoms.

His examination revealed a mass involving the skin localized at the upper portion of right auricle (Fig.1). It was nontender, multilobular, hard and discrete. His physical examination and laboratory investigations showed no specific systemic abnormality.

Pathologic examination of the mass resulted with the diagnosis of calcinosis circumscripta (Fig. 2).

DISCUSSION

Calcinosis is a condition of calcification in or under the skin (1). Aberrant calcium deposition in the skin that is unassociated with tissue damage or demonstrable metabolic disorder is called idiopathic calcification, with sub groups: universal and circumscribed types (2). The case presented here is a circumscribed calcinosis at a rare localization, i.e. pinnal site.



Fig. 1: An auricular mass of the 5 year old boy.

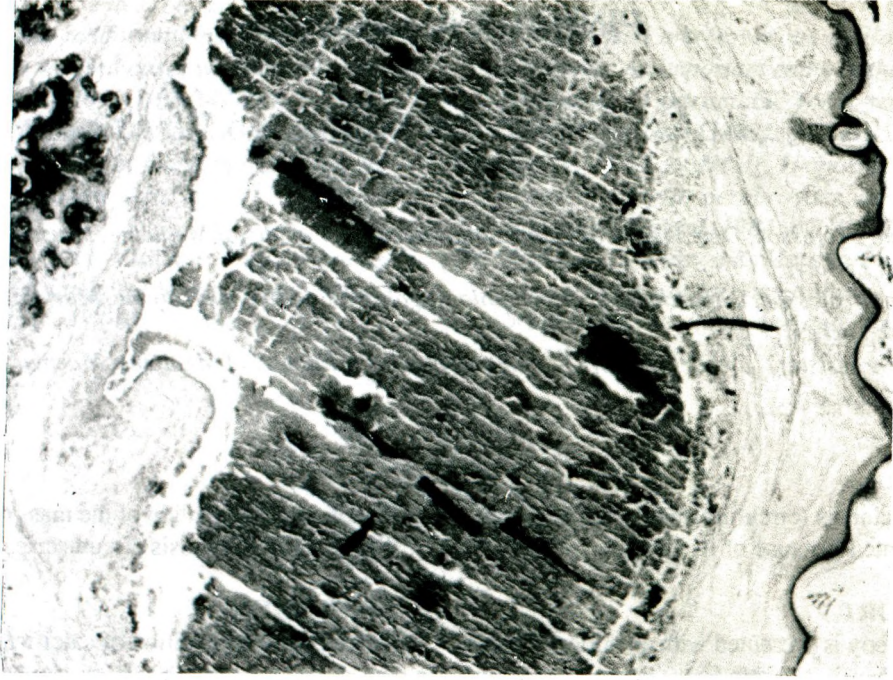


Fig. 2: Histologic section of the mass 40 x H.E.

REFERENCES

1. Anderson WAD. *Degenerative Changes and Disturbances of Metabolism*. In: Anderson WAD, ed. *Pathology*. Fourth edition. St. Louis: The C.V. Mosby Company. 1961: 68-92.
2. Weismann K. *Ectopic Calcium Deposition (Calcification) and Heterotopic Bone Formation (Ossification) of the skin*. In: Rook A, Wilkinson DS, Ebling FJG, et al, eds. *Textbook of Dermatology*. Fourth edition. Oxford: Blackwell Scientific Publications, 1986: 2330-2342.