Doughnut osteoma: A rare case of circumpapillary choroidal osteoma

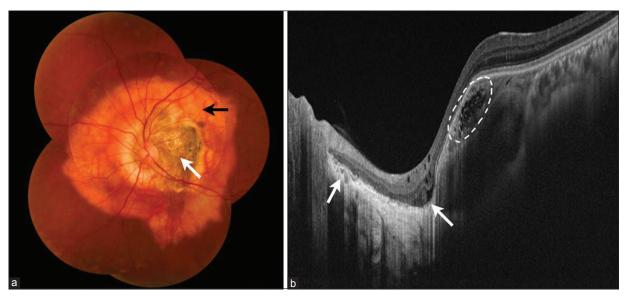


Figure 1: (a) Colour montage of left eye showing orange-red doughnut-shaped circumpapillary choroidal osteoma (black arrow) with decalcification in the centre (white arrow); (b) Swept-source optical coherence tomography showing choroidal lesion with multiple hyperreflective dots surrounded by hypo-reflective cavernous spaces suggestive of spongy bone (white dotted line) while, lamellar reflective pattern from posterior scleral tissue with loss of photoreceptors and outer retinal thinning is seen in the decalcified region (white arrows)

A 31-year-old male was referred for a choroidal mass in his left eye. Fundus examination revealed an orange-red elevated choroidal lesion around the optic disc with area of atrophy over macula. This was suggestive of calcified choroidal osteoma with decalcification at centre [Fig. 1a]. Ocular Coherence Tomography (OCT) showed Hypo-reflective cavernous spaces suggestive of spongy bone in calcified region, whereas, reflective pattern was seen from the posterior scleral tissue in decalcified region [Fig. 1b]. Choroidal osteoma is a benign ossifying tumour of choroid.[1] It is usually located in the juxtapapillary or peripapillary area. [2,3] Our case demonstrates a rare case of doughnut-shaped circumpapillary choroidal osteoma.

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form the patient(s) has/have given his/her/their consent for his/her/their images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

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Conflicts of interest

There are no conflicts of interest.

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