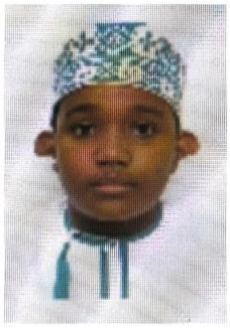
A Rare Presentation of ear deformity: Cosman ear Case study and Surgical Technique

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Abstract

The ear is an essential facial feature, that contributes significantly to one's appearance, yet insignificant studies have assessed ear aesthetics (1). Cosman ear, known as question mark ear. It was first described by Vincent et al in association with uro-genital anomalies. Later, Cosman et al. described the resemblance of a question mark (2). A 12-year-old boy with bilateral congenital ear deformity presented to our institute. On examination, each ear showed cleft of the auricle. The surgical correction was advised to be done before school age, however the patient lost follow-up for several years. Later, the patient presented at the age of 12 years to plastic clinic with significant social impairment. The patient and his family had a planning meeting with the plastic surgeons, during which the correction was designed. In our case, cutaneous and chondro-cutaneous advancement flap were used to reorient the helix/antihelix and close the cleft. In addition, elliptical and wedge resection were reused to for scapha and chonca reduction. Satisfactory result for both ears were obtained. Ear deformities can result in a significant psychosocial impact on the children and their parents. The correction of ear deformity is one of the few widely accepted surgical procedures performed in children for aesthetic reasons. It is shown to profoundly improve self-esteem and happiness (3).





Anterior view of the patient



Immediate postoperative results.

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