

1. “In the quest for precision”: unfolding the tale of two cranioplasts!!!

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Introduction. . Morphological defects of skull due to trauma, cancer resections, burn incidents or congenital causes may often leave an individual in dire straits and ostracism in the society. Prosthetic substitute (cranioplast) can redeem the quality of life and dignity of these patients.. . 2. Case description. Two cases of cranial defects were rehabilitated with two different approaches of fabrication of cranioplasts. A case of an 8 year old female patient with cranial defect (due to trauma) was rehabilitated by exclusively hand-sculpted prosthesis. A 7year old boy with parietal defect (due to tumor resection) was rehabilitated by a cranioplast fabricated by hybrid method of digital and manual technology. All the cranioplasts were fabricated by prosthodontists and surgically placed by a neurosurgeon.. . 3. Discussion. The two different techniques of fabrication of cranioplast were implemented due to specific indications and availability of resources. The ease of insertion at the time of surgery, post operative recovery, and aesthetic out come were features underlining the distinctness of each type of cranioplast besides the technique of fabrication. . 4. Clinical significance: the results of the two cases unfold the outcomes with manual and digital technique of fabrication of cranioplast respectively. The presentation underscores the pros-cons and clinical applicability of the two techniques and the role of prosthodontist in selecting and implementing a technique. .

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