

THE VALUE OF THREE DIMENSIONAL CT SCAN IN DIAGNOSIS, TREATMENT PLANNING AND EVALUATION OF TREATMENT OF ZYGOMATIC COMPLEX FRACTURES

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ABSTRACT

The last decade has seen the simultaneous development and refinement of two major craniofacial techniques, metallic bone fixation and computerized imaging modalities. The aim of this study was to point out the value of three dimensional CT in diagnosis, treatment planning and evaluation of treatment of zygomatic complex fractures. From this study we found that zygomatic complex fractures were difficult to be diagnosed through plain radiographs, and zygomatic arch fractures was usually missed using this tool to diagnose such conditions, but it seemed easier to diagnose such condition using high resolution axial and coronal CT and also 3 DCT.