

## Prevalence and Patterns of Maxillofacial Trauma in South India- A Retrospective Study for Seven Years

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### Abstract

**Background:** Maxillofacial trauma is a complex fracture involving jaws and dentition. Documentation of these fractures are of paramount importance for improving patient care and development of infrastructure especially roads. **Materials and methods:** A descriptive cross-sectional study was conducted in Rajaji govt. Hospital, Madurai for six years from 2011 to 2017 to analyze the patterns and prevalence of maxillofacial trauma. Patients demographic and clinical data were retrieved and analyzed using MS Office excel 2007. **Results:** The total number of patients treated were N=707. The results show that males suffered more fractures than females. The most common etiology of trauma being RTA (MTW, motorized two wheelers) followed by assault and then falls and sports injuries. With respect to type of fractures the most common maxillofacial fracture reported in this region is mandible followed by maxilla and then zygomatic fractures. **Conclusion:** Recordings of Prevalence and patterns o maxillofacial trauma from this region clearly demonstrates that these fractures are more common in this part of south India.