

# **FRACTURES OF THE ZYGOMATIC COMPLEX : A STUDY OF 89 CASES**

**N A de S. Amaratunga**

*(Dept. of Oral Surgery and Oral Pathology, Faculty of Medicine,  
University of Peradeniya)*

Fractures of the zygomatic complex could derange the normal functions of the oro-masticatory apparatus and the eye, and could also cause facial deformity. No studies have been carried out on this type of facial injury, in this country.

## SECTION A

Present study analyses 89 cases of zygomatic fractures treated at the Oral Surgery Unit, Dental School, Peradeniya, and General Hospital, Kandy, during the ten year period from March 1972 to April 1982.

Hospital records and radiographs of these patients were examined to determine the age, sex, cause of injury, eye complications, difficulty in opening the mouth, and method of treatment.

It was found that 70% of patients were in the age group 20 to 40 years. 83% were males. In 1972 there had been only 4 cases whereas in 1981 there were 13 patients with zygomatic fractures. Incidence of diplopia and difficulty in opening the mouth had also risen during this period, indicating a rise in the severity, as well, of these fractures.

### *References*

1. Converse, J. M. and Smith, B. Enophthalmos and diplopia in fractures of the orbital floor. *Br. J. Plast. Surg.* 9 265-274 (1957).
2. Neyt, L. Review of 520 isolated fractures of the zygomatic bone. *Transactions International Conference on Oral Surgery*, 4th Amsterdam, 1971.