ABSTRACT

TITLE: The psychological disorders following the maxillofacial trauma.

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Keywords: Maxillofacial trauma, psychological disorders, general health care-12 (GHQ-12), hospital anxiety and depression scale (HADS), trauma screening questionnaire (TSQ) and post-traumatic stress disorder (PTSD).

AIM/ OBJECTIVES:

This study is to analyze the psychological consequences following the maxillofacial trauma. The study will help to determine the need of mental health services in maxillofacial trauma patients.

MATERIAL AND METHODS:

This prospective study included 86 maxillofacial trauma patients treated under Department of Plastic Surgery between 1st September 2013 to 31st August 2014, in age group above 18 years without any life threatening injuries. The sociodemographic and clinical details assessed and psychological disorders screened using standard available questionnaire, included general health questionnaire-12(GHQ-12), hospital anxiety and depression scale(HADS) and trauma screening questionnaire (TSQ). The analysis was done during baseline visit at 10th day, first follow-up after one month and second follow-up after 6 months.
RESULTS:

The psychological disorder assessed with GHQ-12 identified 86% patients with psychological problems, whereas 27.9% and 26.74% patients had scoring above clinical threshold on hospital anxiety and depression subscale. The patients detected with post-traumatic stress disorders in 23.6% patients. There was decrease in these psychological problems during second follow-up from baseline visit while post-traumatic stress disorder continued to persist. Among patients with motor vehicle accidents 29 patients noticed develop travel anxiety. The psychological disorders were more among maxillofacial fracture patients than patients with soft tissue injury patients.

CONCLUSION:

The study detected the psychological impact of maxillofacial trauma patients and hence determined the need to integrate a multidisciplinary approach to addresses the psychological care to avoid morbidity in consequence to it.