

## **Psychosocial impact on anophthalmic patients wearing ocular prosthesis**

***Andreotti AM, Goiato MC, Santos DM, Banwart LC, Moreno A, Haddad MF, Pesqueira AA***

*School of Dentistry of Araçatuba – Univer. Estadual Paulista (UNESP)  
agda.ani@hotmail.com*

**Abstract:** The aim of this study was to assess the improvement in psychosocial awareness of anophthalmic patients wearing ocular prosthesis and its relation with demographic characteristics, factors of loss/treatment, social activity, and relation between professional and patient. Surveys including a form for evaluation of psychosocial pattern were conducted with 40 anophthalmic patients rehabilitated with ocular prosthesis at the Center of Oral Oncology in the Dental School from January 1998 to November 2010. The patients were informed about the study and signed an informed consent form approved by the Human Research Ethics Committee (Process FOA/08-02375). The improvement in psychosocial awareness was assessed by comparing the perception of some feelings reported in the period of eye loss and currently. Wilcoxon tests were applied for comparison of patients' perception between the periods. Chi-square tests were used to assess the relation between the improvement in psychosocial awareness and the variables of the study. In addition, the logistic regression model measured this relation with the measure of odds ratio. The feelings of shame, shyness, preoccupation with hiding it, sadness, insecurity and fear were significant for improvement in psychosocial awareness. It was concluded that the anophthalmic patients wearing ocular prosthesis present significant improvement in psychosocial awareness after rehabilitation. This investigation was supported by an undergraduate research grant from Foundation for Research Support of Sao Paulo State (FAPESP) – Process 2008/57157-0.