

35. Usefulness of ophthalmic trial frame in iris positioning –an in vivo study

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The facial disfigurement associated with loss of an eye creates lot of psychological trauma. Loss of an eye may result

from congenital defect, pathology, or accidental trauma. Psychological distress can be reduced by early replacement with an artificial eye. In the fabrication of artificial eye in the form of ocular or orbital prosthesis iris positioning is of paramount importance for the natural gaze and appearance of the eye prosthesis. Many methods and techniques have been documented, such as robert pupilometer, acrygrid in positioning the iris. These methods are time consuming and expensive, so an in vivo study was conducted to co-relate the position of iris in normal eyes and to develop a simple and predictable method of iris positioning using ophthalmic trial frame.

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