Ophthalmic plastic surgical skills assessment tool.

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Abstract

PURPOSE: To present a structured tool to assess ophthalmic plastic surgical skill and to determine its face and content validity.

METHODS: A 1-page structured subjective evaluation form was developed to evaluate a resident's oculoplastic surgical skill while performing lateral tarsal strip surgery. The tool consisted of generic task components and global indices evaluated using a 5-point Likert scale. A survey was conducted among a panel of highly experienced oculoplastic surgeons to establish face and content validity of the tool. All feedback was considered and, if feasible, was used to amend the tool.

RESULTS: There was more than 90% agreement among the highly experienced oculoplastic surgeons regarding the content and weighting of each assessment component. The final format of the tool is divided in 9 task-specific indices, based on the lateral tarsal strip procedure, and 9 global indices which, after assessment, appraisal, and amendment by our expert panel, demonstrates face and content validity.

CONCLUSIONS: The Ophthalmic Plastic Surgical Skills Assessment Tool is a structured, quantitative instrument designed to aid in the oculoplastic surgical evaluation and training of residents.

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