

of prosthodontic rehabilitation is to deliver a comfortable, esthetically suitable prosthesis, which restores the impaired speech and deglutition function as well. It is obligatory to evaluate improvement in speech as well as swallowing function after prosthetic rehabilitation of patients. Various maxillofacial prostheses viz. Tongue prosthesis, maxillary obturator, pharyngeal prosthesis, trachea-esophageal prosthesis are fabricated to restore the functions affected after surgical resection of those particular organs. Speech is radically affected in such patients. Precise planning is essential during prosthetic rehabilitation to reinstate the speech of patients. Patient's speech is evaluated with dr speech software version 4. The speech software is used to assess different speech parameters such as maximum phonation time, fundamental frequency, intensity, jitter, and shimmer. Deglutition assessment is done subjectively by using a standardized questionnaire designed by the speech pathologist. Speech is recorded for assessment before prosthetic rehabilitation and 2 weeks after delivery of the prosthesis. Prosthesis helps to improve speech and articulation for patients with altered speech as well as deglutition due to surgical resection. Ultimately it leads to better quality of life and improved psychological status of the patient.

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20. Speech contemplations in maxillofacial prosthetic rehabilitation- evidence based approach

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Prosthetic rehabilitation is very complex procedure from clinical as well as laboratory point of view. The objective