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PREFERENCE FOR IMPLANT SUPPORTED MANDIBULAR DENTAL PROSTHESIS
A SURVEY ON PROSTHODONTISTS OF GUJRAT STATE IN INDIA

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ABSTRACT:

Aims of the study: The aim of this survey will be to determine the current preference of prosthodontists in Gujarat state regarding use of various treatment modalities and materials for Mandibular Implant-Supported Dental Prostheses.

Material and methodology: The study was performed in Department of Prosthodontics, crown & Bridge, K. M. Shah Dental College. A survey invitation was sent out to prosthodontists of the Gujarat state. The survey was hosted online, and asked a series of 12 questions related to the use of various treatment modalities and materials for Mandibular Implant-Supported Dental Prostheses.

Results: Of 290 invitations sent via online google forms, 72 surveys were started and same were completed. Pertinent results are summarized in histograms with color coding in each answer group to indicate the total number of arches the person had treated (a proxy for experience). Nearly more than half (75%) of the respondents preferred Implant supported dental prostheses than fixed dental prostheses in the year 2019. The great majority of respondents (52.8%) reported that they used 2 Implant supported IOD treatment option. On surveying of no of implants required for fixed implant supported prosthesis 44.4% preferred more than 6 implants sufficient for the treatment. However, 38.9% preferred 6 implants. Cost was the most common reason mentioned for choosing an IOD instead of a fixed prosthesis (95.8%). The most common denture retention system was separate Locator attachments (81.9%). More than half of the respondents stated that their patients with IODs were equally satisfied as those treated with IFDPs

Conclusion: On concluding the survey, no comparative analysis of the collected data has been performed, however this survey was completed by 72 prosthodontists and the results showed that implant treatment of edentulous mandibles was common among the responding prosthodontists; but there were great variations regarding choice of treatments performed, design, and materials used for the implant prostheses varied greatly amongst the respondents.

Keywords- Edentulism, fixed implant supported prosthesis, implant overdenture, questionnaire study.

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