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A questionnaire-based survey on Dental implant abutment selection for implant supported fixed Dental prosthesis among general dental practitioners

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ABSTRACT

Statement of problem- Clinician perspectives on the abutment selection for implant supported prosthesis, may help eliminate current uncertainty as the best choice of abutment selection.


Purpose- This article aims to integrate information and knowledge about the selection of implant abutment amongst general dental practitioners.

Material methods- A descriptive cross-sectional web-based study was done amongst general practitioners. A total of 214 participants responded in survey through web-based questionnaire; which composed of 12 open and multiple-choice questions. After completion of data collection, it was analyzed using descriptive analysis.

Result- Total 214 respondents participated in the survey amongst them 70.1% preferred internal connection over external connection. 80.8% preferred titanium abutment over zirconia, PEEK, alumina. 59% preferred zirconia crown over PFM, E max. 80.1% preferred screw retained over cement retained. For highly esthetic area 41.9% preferred CAD/CAM 26.7% zirconia and 10.5% UCLA abutments.

Conclusion- Within the limitation of this study, the data indicates that general dental practitioners preferred internal connection over external connection. Titanium over zirconia, alumina, PEEK. Screw retained over cement retained. For highly esthetic areas preferred CAD/CAM fabricated abutments.

Key words- dental implant abutments, implant supported fixed prosthesis.

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