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## Assessment of knowledge, attitude, and practice of dental implants among dental professionals in dakshina kannada

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### Abstract:

**Background:** Dental implant is an effective treatment modality in the management of compromised and mutilated dentitions with high survival rates and relatively few biological and/or technical complications. Although the first clinical application of dental implants was to retain and support full-mouth prosthetic appliances for the edentulous patient, the use of dental implants in the last 15 years has increased to include single tooth replacement, multiple-teeth replacement, and implant supported Overdentures. **Objectives:** This study was conducted to assess the knowledge, Attitude, and Practice of dental implants among dental postgraduates and practitioners. in Dakshin kannada , Karnataka and to identify the variations in their knowledge, attitude and practice with respect to dentist's factors (years of experience, implant training and their specialization). **Materials and methods:** A cross sectional questionnaire based survey was conducted using internet based approach with informed consent. A pretested, self administered questionnaire containing demographic details and knowledge ,attitude and practice based questions was sent through mail and responses were collected. Responses were coded before and decoded after the analysis. Statistical analysis was performed using SPSS for Windows Version 22.0. **Results:** The results were determined after the statistically analyzed and concluded that the knowledge was widespread among postgraduates and dental practitioners and variations existed amongst the subjects with respect to age, years of experience, practice type, implant training and their specialization. It was also found that the attitude and practice towards implants and their evidence based knowledge about the same was variable.

**Keywords:** Attitude, implants, Training, practitioner, knowledge, postgraduates, practice

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