

# SMILE IN AN HOUR WITH COMPONEER

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## ABSTRACT

An increase in awareness on dental hygiene among people through the years consequently provoked a significant decrease in the occurrence of dental caries, and thus, a decrease in the number of dental restorations. This improvement of oral health affected the comparative dental analysis using dental treatments for human identification; hence, existing dental features or anomalies could act as unique identifying features. This study evaluated the awareness of dentists on charting dental anomalies by a dental charting task and addressed the importance of maintaining dental records for forensic and medico-legal purposes. An online survey-based study was conducted on 101 dentists practicing in the South Indian states of Karnataka, Kerala and Tamil Nadu through Google Forms (© 2019 Google Inc., v 0.8). Results showed that clearly visible anomalies such as midline diastema, crowding, and transposition were mentioned by only 11.8 %, 22.7 % and 5.9 % of the respondents respectively. 17.8 % misnamed the accessory cusp on a premolar as a Talon's cusp. The awareness of Forensic odontology among dentists was exceptional but the dental charting needs improvement. A "Scale of Forensic Significance of Dental Features" was created to interpret the accuracy in recording anomalies which comprised of three parameters namely: Incorrect answer(0 %), Partially Correct answer(50%) and Accurate answer(100%). They classify different levels of forensic significance of dental findings in human identification. Only a few respondents submitted an Accurate or a Partially Correct answer and, as a result, an Atlas of Dental Anomalies ([www.theatlasofdentalanomalies.com](http://www.theatlasofdentalanomalies.com)) was created to rectify this poor pattern of dental charting.

## Biography

Niladri Maiti is currently working as Associate Professor, Faculty of Dentistry, Tishk International University. He has completed his BDS followed by MDS in Conservative Dentistry & Endodontics, M.Sc in Laser Dentistry and PhD in Dental Sciences. He is a Laser Diplomate of University of Genoa. His areas of interest is Material Science in Dentistry, Bioceramics, Laser dentistry, etc.

## Recent Publications

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