

Editorial-2

Clinician's Tactile Sensation and Dental Implantology

Current diagnostic advancements in the science of computed tomography make clinicians' job easy to plan, place and restore the dental implants. Nevertheless the clinician's expertise remains one of the most critical factors in the success or survival rate of the implant restorations. To share my personal experience in this regard, a factor called 'clinician's tactile sensation' definitely helps improving the clinical expertise especially in dental implantology. The bone quality/vascularity, mineral bone density, oral mucosal health, gingival biotype, age of the patient, systemic conditions are some factors which impart different tactile sensations while preparing the implant osteotomy site.

Various types of 'torque measuring devices' are useful armamentaria for implant placement and tightening of various components like cover screw, gingival former, impression or lab analogues and prosthetic abutments, etc. The problems with long-term use of such devices cause difference in the torque applied and torque shown. The periodic calibrations are required to such devices. If clinician's tactile sensation is well-developed, during implant placement and screw tightening, the problems can be minimized. Not always the clinicians use torque measuring devices and usually depends upon his/her own 'tactile sensation' to place the implants or tighten the screws.

During preparation of the implant osteotomy site, the clinician decides the dimensions and depth of the last drill for particular implant placement. Many a times, the clinician gets the judgment of the final drill dimension and depth based upon the tactile sensation perceived from the starting (or subsequent) drills. Though the difference of thickness of the implant and the last drill place the bracket (...) depends upon the bone density/type/quality, the clinician's tactile sensation plays the vital role. There is a need of developing hypothesis to study the effect of 'clinician's tactile sensation' on success rate of the dental implant restorations.

I am pleased to present this issue packed with varieties of clinical and research articles in Restorative and Prosthetic Dentistry. The clinical section specifically highlights the endodontic treatment protocols for hemophilic patients. Case reports of management of complicated fractured teeth, avulsed anterior teeth and badly mutilated teeth are included to keep restorative treatment options updated. Other clinical case reports cover treatment modalities for cleft lip-palate patients. A simple technique of using the Implant O-ring attachment for tooth supported overdenture is one of the interesting case reports include in this issue. The research article that evaluates the flexural strength of the most advanced type of Zirconia Ce-TZP/ Al_2O_3 nanocomposite is included to keep the material science updated. Other research article is presenting the quality of final impressions in prosthodontics.



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