

Editorial Highlights on Periodontics and Prosthodontics Special Issue

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Editorial Highlights

This year, the Journal of Periodontics and Prosthodontics commemorates its decade long publication service in the field of Dentistry. With a successful International publications record, the journal has already begun compilation of the second issue in the 6th volume. In addition to the regular issues the journal has been publishing special issues, supplements and conference proceedings from time to time. In general, the journal covers all including Medicine, physiology and pathology of the periodontium, tissue integration of dental implants, biology and the modulation of periodontal, alveolar bone healing and regeneration, diagnosis, epidemiology, prevention and therapy of periodontal disease and the clinical aspects of tooth replacement with dental implants, and Clinical Epidemiology, Oral Implantology. With good citation record, the journal is included in indexing databases conferring wide geographical outreach, such as Index Copernicus, China National Knowledge Infrastructure (CNKI), Directory of Research Journal Indexing (DRJI), WorldCat, Secret Search Engine Labs along with simultaneous port-production digital media promotion policy. Ever since its inception in the year 2015 the journal has been consistently producing quality articles sourced from all across the world. The journal holds impeccable record of regular bimonthly issue release frequency with publication time lines.

The demands for implant supported fixed prosthesis is on the rise, and so is the need for expertise in more accurate procedures. After the surgical placement of implants, accurate transfer of inter-implant positions, use of open tray impression copings with splinting and without splinting has been in practice. Studies have favored open tray impression techniques in which implants are splinted together with resins. After the impression is made in polyvinyl siloxane impression material, the master model is prepared. Conventionally, a single assembly of splinted copings is used as a verification jig to confirm the accuracy of the impression intraorally over the osseo-integrated implants. Placing the splinted assembly may be a challenge in certain cases, as factors like polymerization shrinkage of the acrylic resin is inevitable. A major problem faced may be lack of a passive fit of the splinted assembly when the verification jig is placed intraorally. This may be worse in situations where the implants are non-parallel [1]. This article describes a simple, yet precise method of fabrication of a verification jig for full arch implant supported fixed prosthesis for maxillary and mandibular arches.

The rehabilitation treatment planning for most of the aesthetic cases is following very similar diagnosis and analysis phases to achieve good and satisfactory final result [2]. The major aim of these protocols is to clarify any aesthetic discrepancy as well as to guide following decisions. The conventional prosthodontics workflows for these restorations using diagnostic waxing, Mockup, clinical trial restorations, and provisional restorations, in addition to the smile analysis may help in providing adequate communication with both the patient and the dental laboratory technician. However, human errors and faults might occur during such manual procedures, leading to discrepancies in the planned restorations, what might also increase the time needed and costs. Now-a-days, the prosthodontics workflow is getting more and more digitalized, especially in the current digital dentistry era. The digital dentistry is improving and enhancing the aesthetic results with minimizing both the errors and the needed time

The digital smile designing concept is a practical diagnosis method that enables the clinician to visualize and evaluate orofacial discrepancies. Hence, the digital smile analysis is a crucial step in the diagnosis and treatment planning for aesthetic zone restorations. And this is not only including the analysis of the oral part, it should analyze the smile considering the orofacial relationship as well. With few but accurate photographs digital planning offers simple steps to evaluate and predict size, form and tooth position as well as gingival contour.

The research work published in the current year find immense relevance in elucidating the role of rehabilitation treatment planning, developing preventive and therapeutic approaches for equine health; improve their welfare and health status as well as in designing of safe cart and harness.

The collective efforts and contributions of the authors, the associated reviewers, editorial board members and the journal management in publication of these quality articles are highly appreciated and commendable. Journal has banner of Imed Publishers which has given great attention to dental health by formulating special issues: "Dental Care during COVID-19". As evident, the immediate focus of the journal will be on articles pertaining to health as affected by the current pandemic situation.

References

1. Somson HM (2019) Fabrication of verification jig for full arch implant supported fixed prosthesis – A novel technique. *Periodon Prosthodon* Vol.5 No.1:47.
2. Buzayan MM (2019) The aesthetic smile designing in the digital dentistry era. *Periodon Prosthodon* Vol.5 No.1:48