

**EDITORIAL****IMPLANT DENTISTRY – CURRENT TRENDS IN REHABILITATION OF MISSING TEETH****Smriti Narayan Thakur<sup>1</sup>**<sup>1</sup>Lecturer, Department of Prosthodontics & Maxillofacial Prosthetics, Chitwan Medical College, Bharatpur-10, Nepal  
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Complete or partial loss of teeth is very common clinical condition. The etiologies of missing teeth are several but commonest causes are dental caries, periodontal diseases & injury.<sup>1</sup> Loss of teeth may not only affect the oral impairments & loss of alveolar bone but also reduced self-confidence & general health.<sup>2</sup> Traditionally partial edentulous conditions are rehabilitated by removable partial dentures, fixed partial dentures & complete edentulous condition by complete denture. But in these above treatment options are several short & long term problems like pain, discomfort during speech & mastication, bone loss under pontic area, dental caries in abutment teeth. Due to several modern development of in the field of dental implant, it is one of the most predictable treatment options for partial or complete edentulism.

In today's era patients need the immediate replacement of missing teeth in shorter duration of time & in more predictable way. In traditional Implantology technique required 4 to 6 months to rehabilitate the edentulous state with prosthesis. But due to several development in the field implant dentistry like several modification in implant thread design, surface treatments, immediate surgical protocol, advancement in imaging & lab technology, immediate bone augmentations material & techniques, implant placement with temporization, one piece compressive & Basal implants all these developments make the treatment in shorter duration of time with less surgical steps in minimal invasive way.<sup>3</sup> But the biological principle is very much essential to determine the treatment option is suitable for particular clinical scenario. As modern Implantology is prosthetic driven, recent developments affect the immediate rehabilitation of esthetics & rapid restoration of implant fixtures. As for professionals and publically, the fast & fixed

methodology of implant treatment has both risks and benefits.

The usefulness of the implant dentistry trends discussed above is yet to be determined. However, with time some of these innovations becomes trends & others as historical sidenotes. so as a clinician, we always rely on biologic principles as well as long term clinical investigations to select the implants, surgical & prosthetic techniques. The most of newer materials & techniques are good enough but long term multicentric studies are required to establish the facts.

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