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Enhancing implant esthetics with multiple provisionalization

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Implant dentistry has been established as a predictable, even conventional, treatment modality over the past three decades. With the high clinical success rates in achieving primary implant stability and osteointegration, esthetic considerations of implant restorations have been gaining more interest and focus in the recent years. The success of a single tooth implant restoration in the esthetic zone depends not only on restored function but also on harmonious integration of the restoration into the patient's overall appearance, especially the peri-implant soft tissue. To increase the soft tissue thickness around implants, Fu *et al.* 2011 proposed what they called the "PDP management triad" as a guideline based on three components: Implant position and angulation (P), that ensures an ideal emergence profile for implant supported restoration; Implant diameter and platform design (D) that helps to prevent crestal bone resorption; and finally Prosthetic design (P) that can provide additional space for soft tissue ingrowth to create a fuller soft tissue profile. The use of provisional restorations with adequate emergence profiles is highly recommended to guide and shape the peri-implant tissues prior to definitive restoration to optimize esthetic treatment outcomes. The case demonstrates the fabrication of a provisional temporary crown designed to optimize the development of ideal soft tissue form around implant in esthetic zone.

Biography

Majid A Al Harthi is working as a Consultant in Restorative and Implant Dentistry, Armed Forces Hospital in Saudi Arabia.

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