

DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES

Preclinical Hands On - Fabrication of Implant Surgical Guide

Surgical guide plays an imperative role to facilitate optimal positioning and angulation of implants. It is an essential element to transfer the diagnostic and prosthetic planning information to the surgical phase. Implant placement should be prosthodontically driven because the desired prosthodontic position influences the emergence profile that fulfils the aesthetic requirements. The surgical guide dictates the implant placement that offers the best combination of support for the repetitive forces of occlusion, aesthetics, and hygiene requirements. The guide should be stable and rigid when placed in position during osteotomy. In cases of fewer missing teeth in one quadrant, the guide should fit over or around enough teeth to stabilize it in position. A well-developed plan should be transferred accurately, giving less scope for modifications at the time of surgery.



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