

Immediate implant placement and restoration in anterior esthetic zone: Tooth in a day concept

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Immediate implant placement and provisional restoration serve to provide shorter treatment time than alternative protocols do and are intended to preserve alveolar bone as well as to develop and preserve the adjacent soft tissue architecture viz., papilla, marginal gingiva while maintaining the zenith.. Success and survival rates for immediately placed implants are comparable to those for early and delayed placement implants. In the anterior esthetic zone, great care and planning must precede immediate implant placement. With respect to esthetics, preservation of crestal bone and natural-looking soft-tissue architecture are essential. Considerations include implant design, the implant-abutment interface, the patient's biotype, the buccal bone plate, crestal bone position, positioning of implant and patient's expectation.

Educational Objectives:

The overall goal of this Hands-on Workshop is to provide the participants with information on Immediate Implant Placement and Chair-side Restoration at extraction site. On completion of this Workshop, participants will be able to :

1. Describe the rationale for immediate implant placement and chair-side restoration.
2. Review the survival and success rates of immediate implant placement.
3. List and describe the factors involved in achieving excellent results in the anterior esthetic zone.
4. Review the influence of implant design and adjunctive restorative and surgical components on short and long term functional and esthetic success.