

Compromised hard- and soft-tissue architecture

Immediate implant placement and provisionalization in the aesthetic zone

DANIEL D. GOBER, DDS; MARKUS L. WEITZ, DDS; AND RANDI J. KORN, DMD

Literature

- [1] Atieh MA, Payne AG, Duncan WJ, et al. Immediate placement or immediate restoration/loading of single implants for molar tooth placement: A systematic review and meta-analysis. *Int J Oral Maxillofac Implants.* 2010;25(2):401-415.
- [2] Lang NP, Pun L, Lau KY, et al. A systematic review on survival and success rates of implants placed immediately into fresh extraction sockets after at least 1 year. *Clin Oral Implants Res.* 2012;23(suppl 5):9-66.
- [3] Chen ST, Wilson TG, Hammerle CHF. Immediate or early placement of implants following tooth extraction: Review of biological basis, clinical procedures, and outcomes. *Int J Oral Maxillofac Implants.* 2004;19(suppl):12-25.
- [4] Tarnow DP, Chu SJ, Salama MA, et al. Flapless postextraction socket implant placement in the aesthetic zone: part 1. The effect of bone grafting and/or provisional restoration on facial-palatal ridge dimensional change—a retrospective cohort study. *Int J Periodontics Restorative Dent.* 2014;34(3):323-331.
- [5] Elian N, Cho S-C, Froum S, et al. A simplified socket classification and repair technique. *Pract Proced Aesthet Dent.* 2007;19(2):99-104.
- [6] Salama H, Salama M. The role of orthodontic extrusive remodeling in the enhancement of soft and hard tissue profiles prior to implant placement: A systematic approach to the management of extraction site defects. *Int J Periodontics Rest Dent.* 1993;13(4):312-333.
- [7] Lazzara RJ. Immediate implant placement into extraction sites: Surgical and restorative advantages. *Int J Periodontics Restorative Dent.* 1989;9(5):332-343.
- [8] Tjan AH, Miller GD, The JG. Some aesthetic factors in a smile. *J Prosthet Dent.* 1984;51(1):24-28.
- [9] Mazor Z, Lorean A, Mijiritsky E, Levin L. Nasal floor elevation combined with dental implant placement. *Clin Implant Dent Relat Res.* 2012;14(5):768-771.
- [10] Lorenzana ER, Allen EP. The single-incision palatal harvest technique: a strategy for aesthetics and patient comfort. *Int J Periodontics Restorative Dent.* 2000;20(3):297-305.
- [11] Su H, Gonzalez-Martin O, Weisgold A, Lee E. Considerations of implant abutment contour: critical contour and sub-critical contour. *Int J Periodontics Restorative Dent.* 2010;30(4):335-343.
- [12] Listgarten MA, Lang NP, Schroeder HE, Schroeder A. Periodontal tissues and their counterparts around endosteal implants. *Clin Oral Impl Res.* 1991;2(3):1-19.
- [13] Sullivan DY, Sherwood RL, Collins TA, Krogh PHJ. The reverse-torque test: a clinical report. *Int J Oral Maxillofac Implants.* 1996;11(2):179-185.
- [14] Chu SJ, Salama MA, Salama H, et al. The dual-zone therapeutic concept of managing immediate implant placement and provisional restoration in anterior extraction sockets. *Compend Contin Educ Dent.* 2012;33(7):524-534.
- [15] Degidi M, Nardi D, Daprile G, Piattelli A. Buccal bone plate in the immediately placed and restored maxillary single implant: a 7-year retrospective study using computed tomography. *Implant Dent.* 2012; 21(1):62-66.
- [16] Grunder U. Crestal ridge width changes when placing implants at the time of tooth extraction with and without soft tissue augmentation after a healing period of 6 months: report of 24 consecutive cases. *Int J Periodontics Restorative Dent.* 2011;31(1):9-17.
- [17] Lin GH, Chan HL, Wang HL. The effect of currently available surgical and restorative interventions on reducing midfacial mucosal recession of immediately placed single-tooth implants: a systematic review. *J Periodontol.* 2014;85(1):92-102.
- [18] Buser D, Martin W, Bleser UC. Optimizing aesthetics for implant restorations in the anterior maxilla: anatomic and surgical considerations. *Int J Oral Maxillofac Implants.* 2004;19(suppl):43-61.