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Replacement of a mandibular molar using a digital customized asymmetrical zirconium dental implant: Surgical and prosthetic aspects.

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References:

1. Branemark P I et al. Osseointegrated implants in the treatment of the edentulous jaw: Experience from a 10-year period. Scand J Plast Reconstr Surg Suppl 1977; 16: 1-132.
2. Lazzara R J. Immediate implant placement into extraction sites: surgical and restorative advantages. Int J Periodont Rest Dent 1989; 9: 332-343.
3. Becker W et al. The use of e-PTFE barrier membranes for bone promotion around titanium implants placed into extraction sockets: a prospective multicenter study. Int J 277. Oral Maxillofacial Implants 1994; 9: 31-40.
4. Stephen J. Chu, DMD, MSD, CDT/Hanae Saito, DDS, MS/Barry P. Levin, DMD/Harold Baumgarten, DMD/Nicholas Egbert, DDS, MDS/Michael J. Wills, DDS, MD/Robert A. del Castillo, DMD/Dennis P. Tarnow, DDS/Myron Nevins, DDS Outcomes of a 1-Year Prospective Single-Arm Cohort Study Using a Novel Macro-Hybrid Implant Design in Extraction Sockets: Part 1 International Journal of Periodontics & Restorative Dentistry Volume 41, Issue 4 July/August 2021 Pages 499–508
5. Araujo MG, Sukekava F, Wennström JL, Lindhe J. Ridge alterations following implant placement in fresh extraction sockets: an experimental study in the dog. J Clin Periodontol; 2005; 32(6):645-52.
6. N. Brogini, L.M. McManus, J.S. Hermann, R. Medina, R. Schenk, D. Buser, and D.L. Cochran Peri- implant Inflammation Defined by the Implant-Abutment Interface J Dent Res 85(5):473-478, 2006
7. Pirker W, Kocher A. Immediate, non-submerged, root-analogue zirconia implant in single tooth replacement. Int J Oral Maxillofac Surg 2008; 37:293-295.
8. Pirker W, Kocher A. Immediate, non-submerged, root-analogue zirconia implants placed into single-rooted extraction sockets: 2-year follow-up of a clinical study. Int J Oral Maxillofac Surg 2009; 38:1127-1132.
9. Hodosh M, Povar M, Shklar G. The dental polymer implant concept. J Prosthet Dent 1969; 22:371- 380.
10. Kohal RJ, Klaus G, Strubel JR. Clinical investigation of a new dental immediate implant system. The reimplant-system. Dtsch ZahnärztlZ 2002; 57:495–7.
11. Lundgren D, Rylander H, Andersson M, Johansson C, Albrektsson T. Healing-in of root analogue titanium implants placed in extraction sockets. An experimental study in the

beagle dog. Clin Oral Implants Res 1992; 3:136–44.

12. Oliva J, Oliva X, Oliva JD. One-year follow-up of first consecutive 100 zirconia dental implants in humans: A comparison of two different rough surfaces. Int J Oral Maxillofacial Implants 2007; 22:430-435.
13. Roehling, Astasov-Frauenhoffer, Hauser-Gerspach, et al. In Vitro Biofilm Formation on Titanium and Zirconia Implant Surfaces J Periodontology March 2017 volume 88 Number 3
14. Kurtz S. and Devine J., PEEK biomaterials in trauma, orthopedic, and spinal implants, Biomaterials, 2007. 28: p 4845-4869.
15. Su H, Gonzalez-Martin O, Weisgold A, Lee E. Considerations of implant abutment and crown contour: critical contour and subcritical contouring J Periodontics Restorative Dent. 2010 Aug;30(4):335-43.
16. Sharma KMR, Drp D. An overview of immediate root analogue zirconia implants. J Oral Implantol 2011. September 9
17. Moin DA, Hassan B, Mercelis P, Wismeijer D. Designing a novel dental root analogue implant using cone beam computed tomography and CAD/CAM technology. Clin Oral Implants Res 2011. 10.1111/j.1600- 0501.2011.02359.x. November 14