



Die implantologische Behandlung

Komplikationen und Lösungsmöglichkeiten

Ein Beitrag von Prof. Dr. Michael Stimmelmayr

Literaturangabe

- Jordan AR, Micheelis W. Fünfte Deutsche Mundgesundheitsstudie-(DMS V). Köln. Deutscher Zahnärzterverlag DÄV. 2016.
- Jung RE, Zembic A, Pjetursson BE, Zwahlen M, Thoma DS. Systematic review of the survival rate and the incidence of biological, technical, and aesthetic complications of single crowns on implants reported in longitudinal studies with a mean follow-up of 5 years. *Clin Oral Implants Res.* 2012;23 Suppl 6:2-21.
- Pjetursson BE, Thoma D, Jung R, Zwahlen M, Zembic A. A systematic review of the survival and complication rates of implant-supported fixed dental prostheses (FDPs) after a mean observation period of at least 5 years. *Clin Oral Implants Res.* 2012;23 Suppl 6:22-38.
- Esposito M, Hirsch JM, Lekholm U, Thomsen P. Biological factors contributing to failures of osseointegrated oral implants. (I). Success criteria and epidemiology. *Eur J Oral Sci.* 1998;106(1):527-51.
- Pjetursson BE, Tan K, Lang NP, Bragger U, Egger M, Zwahlen M. A systematic review of the survival and complication rates of fixed partial dentures (FPDs) after an observation period of at least 5 years. *Clin Oral Implants Res.* 2004;15(6):625-42.
- Hammerle CH, Wagner D, Bragger U, Lussi A, Karayianis A, Joss A, et al. Threshold of tactile sensitivity perceived with dental endosseous implants and natural teeth. *Clin Oral Implants Res.* 1995;6(2):83-90.
- Jacobs R, van Steenberghe D. Comparison between implant-supported prostheses and teeth regarding passive threshold level. *Int J Oral Maxillofac Implants.* 1993;8(5):549-54.
- Bragger U, Aeschlimann S, Burgin W, Hammerle CH, Lang NP. Biological and technical complications and failures with fixed partial dentures (FPD) on implants and teeth after four to five years of function. *Clin Oral Implants Res.* 2001;12(1):26-34.
- Esposito M, Hirsch JM, Lekholm U, Thomsen P. Biological factors contributing to failures of osseointegrated oral implants. (II). Etiopathogenesis. *Eur J Oral Sci.* 1998;106(3):721-64.
- Reiser GM, Bruno JF, Mahan PE, Larkin LH. The subepithelial connective tissue graft palatal donor site: anatomic considerations for surgeons. *Int J Periodontics Restorative Dent.* 1996;16(2):130-7.
- Aghaloo TL, Moy PK. Which hard tissue augmentation techniques are the most successful in furnishing bony support for implant placement? *Int J Oral Maxillofac Implants.* 2007;22 Suppl:49-70.
- Chiapasco M, Zaniboni M, Boisco M. Augmentation procedures for the rehabilitation of deficient edentulous ridges with oral implants. *Clin Oral Implants Res.* 2006;17 Suppl 2:136-59.
- Jensen SS, Terheyden H. Bone augmentation procedures in localized defects in the alveolar ridge: clinical results with different bone grafts and bone-substitute materials. *Int J Oral Maxillofac Implants.* 2009;24 Suppl:218-36.
- Stimmelmayr M, Gernet W, Edelhoff D, Guth JF, Happe A, Beuer F. Two-stage horizontal bone grafting with the modified shell technique for subsequent implant placement: a case series. *Int J Periodontics Restorative Dent.* 2014;34(2):269-76.
- Stimmelmayr M, Guth JF, Schlee M, Beuer F. Vertical ridge augmentation using the modified shell technique--a case report. *J Oral Maxillofac Surg.* 2014;72(2):286-91.
- Stimmelmayr M, Guth JF, Schlee M, Gohring TN, Beuer F. Use of a modified shell technique for three-dimensional bone grafting: description of a technique. *Aust Dent J.* 2012;57(1):93-7.
- Magne P, Lazari PC, Carvalho MA, Johnson T, Del Bel Cury AA. Ferrule-Effect Dominates Over Use of a Fiber Post When Restoring Endodontically Treated Incisors: An In Vitro Study. *Oper Dent.* 2017;42(4):396-406.
- Dietrich T, Krug R, Krastl G, Tomson PL. Restoring the unrestorable! Developing coronal tooth tissue with a minimally invasive surgical extrusion technique. *Br Dent J.* 2019;226(10):789-93.
- Kelly RD, Addison O, Tomson PL, Krastl G, Dietrich T. Atraumatic surgical extrusion to improve tooth restorability: A clinical report. *J Prosthet Dent.* 2016;115(6):649-53.
- Durham TM, Goddard T, Morrison S. Rapid forced eruption: a case report and review of forced eruption techniques. *Gen Dent.* 2004;52(2):167-75; quiz 76.
- Noh HK, Park HS. An efficient and noncompliant method for forced eruption with microimplants that is bracket free, and its long-term stability. *J Am Dent Assoc.* 2019;150(5):369-77.
- Neumeyer S. The Tissue Master Concept (TMC): innovations for alveolar ridge preservation. *Int J Esthet Dent.* 2017;12(2):246-57.
- Marzadori M, Stefanini M, Sangiorgi M, Mounssif I, Monaco C, Zucchelli G. Crown lengthening and restorative procedures in the esthetic zone. *Periodontol 2000.* 2018;77(1):84-92.