

## LITERATUR

**Thema:** Digitalisierter Workflow und komplexe Sofortversorgung

**Autoren:** ZTM Sebastian Schuldes, Dr.med.dent. Sandro Strößner, MSc

---

1 Nickenig HJ, Wichmann M, Terheyden H, Kreppel M: Oral health-related quality of life and implant therapy: A prospective multicenter study of preoperative, intermediate, and posttreatment assessment. *J Craniomaxillofac Surg.* 2016 Mar 4. pii: S1010-5182(16)00068-8.

2 Papaspyridakos P, Chen CJ, Chuang SK, Weber HP. Implant loading protocols for edentulous patients with fixed prostheses: a systematic review and meta-analysis. *Int J Oral Maxillofac Implants.* 2014;29 Suppl:256-70. doi: 10.11607/jomi.2014suppl.g4.3. PMID: 24660202.

3 Imai M, Ogino Y, Tanaka H, Koyano K, Ayukawa Y, Toyoshima T. Primary stability of different implant macrodesigns in a sinus floor elevation simulated model: an ex vivo study. *BMC Oral Health.* 2022 Aug 8;22(1):332. doi: 10.1186/s12903-022-02345-5. PMID: 35941575; PMCID: PMC9361700.

4 Elias CN, Rocha FA, Nascimento AL, Coelho PG. Influence of implant shape, surface morphology, surgical technique and bone quality on the primary stability of dental implants. *J Mech Behav Biomed Mater.* 2012 Dec;16:169-80. doi: 10.1016/j.jmbbm.2012.10.010. Epub 2012 Nov 2. PMID: 23182386.

5 Neugebauer J, Ritter L, Mischkowski R, Zoller JE. Three-dimensional diagnostics, planning and implementation in implantology. *Int J Comput Dent.* Oct 2006;9(4):307-319.

6 AWMF S2-k-Leitlinie. Indikationen zur implantologischen 3D-Röntgendiagnostik und navigationsgestützte Implantologie. AWMF-Registernr. 083-01.

7 Lehner J, Donhauser E. Pro-Arch-Versorgung mit dem neuen BLX-Implantatsystem. *ZMK* 2019; 9 (35) 588-592.

8 Eckert SE, Hueler G, Sandler N, Elkattah R, McNeil DC. Immediately Loaded Fixed FullArch Implant-Retained Prosthesis: Clinical Analysis When Using a Moderate Insertion Torque. *Int J Oral Maxillofac Implants.* 2019 May/June;34(3):737–744. doi:11607/jomi.7193. Epub 2019 Jan 31. PMID: 30703181.

9 Eskin M. A., Yilmaz S., Uzel G. 2019 A Fixed Reconstruction of Complete Edentulous Patient with Immediate Function Using A New Implant Design: A Retrospective Clinical Study. Data presented during 34th Annual Meeting of the Academy of Osseointegration's, March 13 – 16 in Washington, USA

- 10 Dard M, Kuehne S, Obrecht M, Grandin M, Helfenstein J, Pippenger BE Integrative Performance Analysis of a Novel Bone Level Tapered Implant. *Adv Dent Res.* 2016 Mar;28(1):28-33.
- 11 Müller F, Al-Nawas B, Storelli S, Quirynen M, Hicklin S, Castro-Laza J, Bassetti R, Schimmel M; Roxolid Study Group. Small-diameter titanium grade IV and titanium-zirconium implants in edentulous mandibles: five-year results from a double-blind, randomized controlled trial. *BMC Oral Health.* 2015 Oct 12;15(1):123. doi: 10.1186/s12903-015-0107-6. PMID: 26458813; PMCID: PMC4603635.
- 12 Nicolau P, Guerra F, Reis R, Krafft T, Benz K, Jackowski J. 10-year outcomes with immediate and early loaded implants with a chemically modified SLA surface. *Quintessence Int.* 2019 Jan 25;50(2):114-124. doi: 10.3290/j.qi.a41664. Epub 2018 Dec 18. PMID: 30564806.
- 13 Heberer S, Kilic S, Hossamo J, Raguse J-D, Nelson K. Rehabilitation of irradiated patients with modified and conventional sandblasted, acid-etched implants: preliminary results of a split-mouth study. *Clin. Oral Impl. Res.* 22, 2011; 546–551
- 14 Nelson K, Stricker A, Raguse JD, Nahles S. Rehabilitation of irradiated patients with chemically modified and conventional SLA implants: a clinical clarification. *J Oral Rehabil.* 2016 Nov;43(11):871-872. doi: 10.1111/joor.12434. Epub 2016 Sep 27. PMID: 27670370.
- 15 Cabrera-Domínguez J, Castellanos-Cosano L, Torres-Lagares D, Machuca-Portillo G. A Prospective Case-Control Clinical Study of Titanium-Zirconium Alloy Implants with a Hydrophilic Surface in Patients with Type 2 Diabetes Mellitus. *Int J Oral Maxillofac Implants.* 2017 Sep/Oct;32(5):1135-1144.
- 16 Alius JK: Festsitzende implantatgetragene Brückenkonstruktion bei zahnlosen Patienten. *DZW Orale Implantologie* (2)2016:14-19.
- 17 Maló P, Rangert B, Nobre M.: "All-on-Four" immediate-function concept with Brånemark System implants for completely edentulous mandibles: a retrospective clinical study. *Clin Implant Dent Relat Res.* 2003;5 Suppl 1:2-9.
- 18 Kern JS, Wolfart S. S3-Leitlinie (Langfassung) Implantatprothetische Versorgung des zahnlosen Oberkiefers AWMF-Registernummer: 083-010 Stand: November 2020 Gültig bis: Oktober 2025.
- 19 Maló P, de Araújo Nobre M, Lopes A, Ferro A, Botto J. The All-on-4 treatment concept for the rehabilitation of the completely edentulous mandible: A longitudinal study with 10 to 18 years of follow-up. *Clin Implant Dent Relat Res.* 2019 Aug;21(4):565-577. doi: 10.1111/cid.12769. Epub 2019 Mar 28. PMID: 30924309
- 20 Maló P, de Araújo Nobre M, Lopes A, Ferro A, Nunes M. The All-on-4 concept for fullarch rehabilitation of the edentulous maxillae: A longitudinal study with 5-13 years of follow-up. *Clin Implant Dent Relat Res.* 2019 Aug;21(4):538-549. doi: 10.1111/cid.12771. Epub 2019 Mar 28. PMID: 30924250.