**Literaturverzeichnis**

**PEEK – Hochleistungskunststoffe im implantatprothetischen Workflow**

*Dr. F. Kistler, S. Adler, Dr. S. Kistler, PD Dr. J. Neugebauer*

Implantologie Journal 7/13

1. Adler S, Kistler S, Kistler F et al. Pressen statt Fräsen: Vielfältige Indikationsmöglichkeiten für Hochleistungspolymere. Quintessenz Zahntechnik 2013; 39: 376-384.

2. Belser U, Buser D, Higginbottom F. Consensus statements and recommended clinical procedures regarding esthetics in implant dentistry. Int J Oral Maxillofac Implants 2004; 19 Suppl: 73-74.

3. Horak Z, Pokorny D, Fulin P et al. [Polyetheretherketone (PEEK). Part I: prospects for use in orthopaedics and traumatology]. Acta chirurgiae orthopaedicae et traumatologiae Cechoslovaca 2010; 77: 463-469.

4. Kern M, Lehmann F. Influence of surface conditioning on bonding to polyetheretherketon (PEEK). Dental materials : official publication of the Academy of Dental Materials 2012; 28: 1280-1283.

5. Kim MM, Boahene KD, Byrne PJ. Use of customized polyetheretherketone (PEEK) implants in the reconstruction of complex maxillofacial defects. Archives of facial plastic surgery 2009; 11: 53-57.

6. Kolbeck C, Rossentritt M. In-vitro-Untersuchung (thermomechanische Wechselbelastung und Bruchtest) viergliedriger vollanatomischer Brücken aus Bio HPP hergestellt im Fräs- bzw. Preßverfahren. Posterpräsentation Int. Sky-Meeting München 2012.

7. Kolbeck C, Sereno N, Wood DJ et al. In-vitro-Examination of Frameworks and Veneered Three-Unit Fixed-partial-Dentures made of Polyetheretherketone. Posterpräsentation 515 at 45th Meeting of the Continetal European Devision ot the IADR, Budapest, Hungary 2011.

8. Maharaj G, Bleser S, Albert K et al. Characterization of wear in composite material orthopaedic implants. Part I: The composite trunnion/ceramic head interface. Bio-medical materials and engineering 1994; 4: 193-198.

9. Misch CE. Progressive loading of bone with implant prostheses. J Dent Symp 1993; 1: 50-53.

10. Santing HJ, Meijer HJ, Raghoebar GM et al. Fracture strength and failure mode of maxillary implant-supported provisional single crowns: a comparison of composite resin crowns fabricated directly over PEEK abutments and solid titanium abutments. Clinical implant dentistry and related research 2012; 14: 882-889.

11. Santosa RE, Martin W, Morton D. Effects of a cementing technique in addition to luting agent on the uniaxial retention force of a single-tooth implant-supported restoration: an in vitro study. The International journal of oral & maxillofacial implants 2010; 25: 1145-1152.

12. Schmidlin PR, Stawarczyk B, Wieland M et al. Effect of different surface pre-treatments and luting materials on shear bond strength to PEEK. Dental materials : official publication of the Academy of Dental Materials 2010; 26: 553-559.

13. Williams D. Polyetheretherketone for long-term implantable devices. Medical device technology 2008; 19: 8, 10-11.

14. Zembic A, Sailer I, Jung RE et al. Randomized-controlled clinical trial of customized zirconia and titanium implant abutments for single-tooth implants in canine and posterior regions: 3-year results. Clinical oral implants research 2009; 20: 802-808.

15. Zhao M, An M, Wang Q et al. Quantitative proteomic analysis of human osteoblast-like MG-63 cells in response to bioinert implant material titanium and polyetheretherketone. Journal of proteomics 2012; 75: 3560-3573.