

Keramikimplantate: Eine Standortbestimmung

So weit – so gut

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Literaturangabe

- [1] Denry I, Kelly JR. State of the art of zirconia for dental applications. *Dental Materials* 2008;24:299-307
- [2] Gahlert M, Burtscher D, Grunert I, Kniha H, Steinhauser E. Failure analysis of fractured dental zirconia implants. *Clinical Oral Implants Research* 2012;23:287-293
- [3] Herklotz I, Beuer F, Kunz A, Hildebrand D, Happe A. Navigation in implantology. *Int J Comput Dent* 2017;20:9-19
- [4] Lange F. Transformation toughening. *Journal of Materials Science* 1982;17:247-254
- [5] Linkevicius T, Vindasiute E, Puisys A, Linkeviciene L, Maslova N, Puriene A. The influence of the cementation margin position on the amount of undetected cement. A prospective clinical study. *Clinical Oral Implants Research* 2013;24:71-76
- [6] Osman RB, Ma S. Prosthodontic maintenance of overdentures on zirconia implants: 1-year results of a randomized controlled trial. *International Journal of Prosthodontics* 2014;27:461-468
- [7] Osman RB, Ma S, Duncan W, De Silva RK, Siddiqi A, Swain MV. Fractured zirconia implants and related implant designs: scanning electron microscopy analysis. *Clinical Oral Implants Research* 2013;24:592-597
- [8] Pieralli S, Kohal RJ, Jung RE, Vach K, Spies BC. Clinical Outcomes of Zirconia Dental Implants. *Journal of Dental Research* 2017;96:38-46
- [9] Sandhaus S. [Technic and instrumentation of the implant C.B.S. (Cristalline Bone Screw)]. *Inf Odontostomatol* 1968;4:19-24
- [10] Sandhaus S. Technic and instrumentation of the implant CBS (Cristalline Bone Screw). *Informatore Odonto-Stomatologico* 1967;4:19-24
- [11] Schulte W, Heimke G. Das Tübinger Sofortimplantat. *Quintessenz* 1976;27:17-23
- [12] Spies BC, Balmer M, Jung RE, Sailer I, Vach K, Kohal RJ. All-ceramic, bi-layered crowns supported by zirconia implants: Three-year results of a prospective multicenter study. *Journal of Dentistry* 2017;67:58-65
- [13] Spies BC, Pieralli S, Vach K, Kohal RJ. CAD/CAM-fabricated ceramic implant-supported single crowns made from lithium disilicate: Final results of a 5-year prospective cohort study. *Clinical Implant Dentistry and Related Research* 2017;19:876-883
- [14] Spies BC, Witkowski S, Vach K, Kohal RJ. Clinical and patient-reported outcomes of zirconia-based implant fixed dental prostheses: Results of a prospective case series 5 years after implant placement. *Clinical Oral Implants Research* 2017;
- [15] Vindasiute E, Puisys A, Maslova N, Linkeviciene L, Peciuliene V, Linkevicius T. Clinical Factors Influencing Removal of the Cement Excess in Implant-Supported Restorations. *Clinical Implant Dentistry and Related Research* 2015;17:771-778
- [16] Wittneben JG, Millen C, Bragger U. Clinical performance of screw- versus cement-retained fixed implant-supported reconstructions--a systematic review. *International Journal of Oral and Maxillofacial Implants* 2014;29 Suppl:84-98
- [17] Zaugg LK, Meyer S, Rohr N, Zehnder I, Zitzmann NU. Fracture behavior, marginal gap width, and marginal quality of vented or pre-cemented CAD/CAM all-ceramic crowns luted on Y-TZP implants. *Clinical Oral Implants Research* 2017;
- [18] Zaugg LK, Zehnder I, Rohr N, Fischer J, Zitzmann NU. The effects of crown venting or pre-cementing of CAD/CAM-constructed all-ceramic crowns luted on YTZ implants on marginal cement excess. *Clinical Oral Implants Research* 2017;