

**Publikationen der Klinik für Mund- Kiefer- und Gesichtschirurgie des Universitätsklinikums der RWTH Aachen 2017:**

- [1] Bartella AK, Kamal M, Teichmann J, Kloss-Brandstätter A, Steiner T, Hölzle F, Lethaus B (2017) Prospective comparison of perioperative antibiotic management protocols in oncological head and neck surgery. *J Craniomaxillofac Surg.*45:1078-1082 (IF 1,583)
- [2] Bock A, Suschek CV, Opländer C, Hölzle F, Modabber A, Pallua N (2017) Evaluation of facial blood flow using three-dimensional scanning. *Br J Oral Maxillofac Surg.*55:974-976 (IF 1,218)
- [3] Ghassemi A, Ahmed SS, Ghanepur H, Modabber A (2017) Three-layer reconstruction of lower third nasal defects using forehead flap, reversed nasolabial flap, and auricular cartilage. *Int J Oral Maxillofac Surg.*46:36-40 (IF 1,918)
- [4] Ghassemi M, Hilgers RD, Fritz U, Modabber A, Ghassemi A (2017) Maxillary advancement versus mandibular setback in class III dentofacial deformity: are there any differences in aesthetic outcomes? *Int J Oral Maxillofac Surg.*46:483-489 (IF 1,918)
- [5] Kamal M, Andersson L, Tolba R, Al-Asfour A, Bartella AK, Gremse F, Rosenhain S, Hölzle F, Kessler P, Lethaus B (2017) Bone regeneration using composite non-demineralized xenogenic dentin with beta-tricalcium phosphate in experimental alveolar cleft repair in a rabbit model. *J Transl Med.*15:263 (IF 3,786)
- [6] Kamal M, Andersson L, Tolba R, Bartella A, Gremse F, Hölzle F, Kessler P, Lethaus B (2017) A rabbit model for experimental alveolar cleft grafting. *J Transl Med.*15:50 (IF 3,786)
- [7] Kansy K, Mueller AA, Mücke T, Koersgen F, Wolff KD, Zeilhofer HF, Hölzle F, Pradel W, Schneider M, Kolk A, Smeets R, Acero J, Haers P, Ghali GE, Hoffmann J (2017) A worldwide comparison of the management of T1 and T2 anterior floor of the mouth and tongue squamous cell carcinoma - Extent of surgical resection and reconstructive measures. *J Craniomaxillofac Surg.*45:2097-2104 (IF 1,583)
- [8] Kniha K, Kniha H, Möhlhenrich SC, Milz S, Hölzle F, Modabber A (2017) Papilla and alveolar crest levels in immediate versus delayed single-tooth zirconia implants. *Int J Oral Maxillofac Surg.*46:1039-1044 (IF 1,918)
- [9] Kniha K, Möhlhenrich SC, Foldenauer AC, Peters F, Ayoub N, Goloborodko E, Hölzle F, Modabber A (2017) Evaluation of bone resorption in fibula and deep circumflex iliac artery flaps following dental implantation: A three-year follow-up study. *J Craniomaxillofac Surg.*45:474-478 (IF 1,583)
- [10] Kniha K, Möhlhenrich SC, Lautner N, Kniha H, Foldenauer AC, Hölzle F, Modabber A (2017) Influence of horizontal dimensions around single gap and adjacent zirconia implants on the papilla - a cross-sectional survey. *Eur J Oral Implantol.*10:443-451 (IF 3,567)
- [11] Kniha K, Möhlhenrich SC, Peters F, Yovev T, Räsch M, Prescher A, Hölzle F, Modabber A (2017) Comparison of non-invasive radiographic measurements of soft tissue in the interdental space: a cadaver study. *Br J Oral Maxillofac Surg.*55:482-487 (IF 1,218)
- [12] Koerdt S, Rommel N, Rohleder NH, Sandig S, Frohwitter G, Steiner T, Wolff KD, Kesting MR (2017) Perioperative serum levels of procalcitonin, C-reactive protein, and leukocytes in head and neck free flaps. *Int J Oral Maxillofac Surg.*46:699-705 (IF 1,918)
- [13] Kösters AK, Ganse B, Gueorguiev B, Klos K, Modabber A, Nebelung S, Kim BS, Knoke M (2017) Effects of low-intensity pulsed ultrasound on soft tissue micro-circulation in the foot. *Int Orthop.*41:2067-2074 (IF 2,52)
- [14] Lethaus B, Loberg C, Kloss-Brandstätter A, Bartella AK, Steiner T, Modabber A, Hölzle F, Teichmann J (2017) Color duplex ultrasonography versus handheld Doppler to plan anterior lateral thigh flaps. *Microsurgery.*37:388-393 (IF 2,156)
- [15] Marquardt Y, Schmitt L, Amann P, Heise R, Steiner T, Hölzle F, Baron JM (2017) Development of a three-dimensional in vitro Model of the human Mucous Membrane for CO<sub>2</sub> Laser-induced Wound Healing Studies *J Dtsch Dermatol Ges.*15:84-84 (IF 2,865)
- [16] Modabber A, Ayoub N, Bock A, Möhlhenrich SC, Lethaus B, Ghassemi A, Mitchell DA, Hölzle F (2017) Medial approach for minimally-invasive harvesting of a deep circumflex iliac artery flap for reconstruction of the jaw using virtual surgical planning and CAD/CAM technology. *Br J Oral Maxillofac Surg.*55:946-951 (IF 1,218) [17] Modabber A, Peters F, Raith S, Ayoub N, Hölzle F (2017) Virtual planning of complex osseous microvascular reconstructions in oral and maxillofacial surgery *MKG-CHIRURG.*10:272-283 (IF 0,2)

- [18] Möhlhenrich SC, Ayoub N, Fritz U, Prescher A, Hölzle F, Modabber A (2017) Evaluation of ultrasonic and conventional surgical techniques for genioplasty combined with two different osteosynthesis plates: a cadaveric study. *Clin Oral Investig.*21:2437-2444 (IF 2,308)
- [19] Möhlhenrich SC, Kniha K, Peters F, Ayoub N, Goloborodko E, Hölzle F, Fritz U, Modabber A (2017) Fracture patterns after bilateral sagittal split osteotomy of the mandibular ramus according to the Obwegeser/Dal Pont and Hunsuck/Epker modifications. *J Craniomaxillofac Surg.*45:762-767 (IF 1,583)
- [20] Möhlhenrich SC, Modabber A, Kniha K, Peters F, Steiner T, Hölzle F, Fritz U, Raith S (2017) Simulation of three surgical techniques combined with two different bone-borne forces for surgically assisted rapid palatal expansion of the maxillofacial complex: a finite element analysis. *Int J Oral Maxillofac Surg.*46:1306-1314 (IF 1,918)
- [21] Raith S, Raith S, Wolff S, Steiner T, Modabber A, Weber M, Hölzle F, Fischer H (2017) Planning of mandibular reconstructions based on statistical shape models. *Int J Comput Assist Radiol Surg.*12:99-112 (IF 1,863)
- [22] Raith S, Varga V, Steiner T, Hölzle F, Fischer H (2017) Computational geometry assessment for morphometric analysis of the mandible. *Comput Methods Biomech Biomed Engin.*20:27-34 (IF 1,909)
- [23] Schmitt L, Amann PM, Marquardt Y, Heise R, Czaja K, Gerber PA, Steiner T, Hölzle F, Baron JM (2017) Molecular effects of fractional ablative erbium:YAG laser treatment with multiple stacked pulses on standardized human three-dimensional organotypic skin models. *Lasers Med Sci.*32:805-814 (IF 2,299)
- [24] Tohidnezhad M, Bayer A, Rasuo B, Hock JVP, Kweider N, Fragoulis A, Sönmez TT, Jahr H, Pufe T, Lippross S (2017) Platelet-Released Growth Factors Modulate the Secretion of Cytokines in Synoviocytes under Inflammatory Joint Disease. *Mediators Inflamm.*2017:1046438 (IF 3,232)
- [25] Varga V, Raith S, Loberg C, Modabber A, Bartella AK, Hölzle F, Fischer H, Steiner T (2017) Classification of the level of mandibular atrophy - A computer-assisted study based on 500 CT scans. *J Craniomaxillofac Surg.*45:2061-2067 (IF 1,583)
- [26] Zegers T, Ter Laak-Poort M, Koper D, Lethaus B, Kessler P (2017) The therapeutic effect of patient-specific implants in cranioplasty. *J Craniomaxillofac Surg.*45:82-86 (IF 1,583)