

Kombination von Hightech-Titangitter und Knochenersatzmaterial verbessert Vorhersagbarkeit des Augmentationsergebnisses

Gut vernetzt

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Literaturangabe

- [1] Braun T, Neue Technologie mit Langzeitstabilität; Implantologie Journal 6/2016; 64-66
- [2] Buser 2010
- [3] Chiapasco M, Zaniboni M, Clinical outcomes of GBR procedures to correct peri-implant dehiscence and fenestrations: a systematic review, Clin Oral Implants Res 2009; 20: 113-123
- [4] Clavero J, Lundgren S: Ramus or chin grafts for maxillary sinus inlay and local onlay augmentation: Comparison of donor site morbidity and complications. Clin Implant Dent Relat Res 2003; 5: 154-160
- [5] De Hua-Li: Management of bone defects in the aesthetic zone. Congress scientific Report: EAO 24th Annual Scientific Meeting Stockholm, 24-26 September 2015
- [6] Esposito M, Grusovin MG, Felice P, Karatzopoulos G, Worthington HV, Coulthard P. The efficacy of horizontal and vertical bone augmentation procedures for dental implants -a Cochrane systematic review. Eur J Oral Implantol. 2009 Autumn;2(3):167-84.
- [7] Esposito et al. 2009, Int J Oral Maxillofac Implants 2006; 21: 696-710
- [8] Garg AK: Grafting materials in repair and restoration. Quintessence 1999, 83-101
- [9] Gehrke P, Degidi M, Dhom G: Die dreidimensionale Positionierung von Implantaten – Ein Fokus auf Ästhetik. Implantologie 2008; 16: 131-139
- [10] Happe A. Use of a piezoelectric surgical device to harvest bone grafts from the mandibular ramus: report of 40 cases. Int J Periodontics Restorative Dent 2007; 27: 241-249
- [11] Jensen OT: Alveolar segmental "sandwich" osteotomies for posterior edentulous mandibular sites for dental implants. J Oral Maxillofac Surg 2006; 64: 471-475
- [12] Jensen und Terheyden, Int J Oral Maxillofac Implants 2009; 24(suppl): 218-236
- [13] Khoury F, Trasarti S: Oral rehabilitation in patients with severe bone loss in the frontal area: clinical report on 10 consecutive treated patients. Clin Oral Impl Res 2014; 25: Suppl 10, page 24
- [14] Khoury F, Antoun H, Missika P: Bone Augmentation in oral implantology. Quintessence Publishing 2007
- [15] Khoury F, Khoury C: Mandibular bone block grafts: instrumentation, harvesting technique and application. J Parodontologie & d'Implantologie Orale 2006; 25: 15-34
- [16] Khoury F, Happe A: Diagnostic and methods of intraoral bone harvesting. Zahnärztl Implantol 1999; 15: 167-176
- [17] Liebaug F und Wu N 2012, Er:YAG-laserunterstützte Socket und Ridge Preservation
- [18] Liebaug F, Wu N: 20 Jahre membrangestützte Knochenregeneration – ein Erfahrungsbericht, zwp spezial 10/2014, S 12-17
- [19] MacAllister und Haghishat 2007
- [20] Polini, F., et al., Bifunctional sculpturing of the bone graft for 3-dimensional augmentation of the atrophic posterior mandible.J Oral Maxillofac Surg, 2009. 67(1): p. 174-7.
- [21] Seiler et al. 2016
- [22] Sohn Ds et al: Piezoelectric osteotomy for intraoral harvesting bone blocks. Int J Periodontics Restorative Dentistry 2007; 27: 127-131
- [23] Spin-Neto R, Stavropoulos A, Coletti FL, Pereira LAVD, Marcantonio Jr. E, Wenzel A: Remodeling of cortical and coticocancellous fresh-frozen allogeneic block grafts. A radiographic and histomorphometric comparison to autogenous bone grafts. Clin Oral Implants Res 2015; 26: 747-752
- [24] Spin-Neto R, Stavropoulos A, Coletti FL, Faeda RS, Pereira LAVD, Marcantonio Jr. E: Graft incorporation and implant osseointegration following the use autogenous and fresh-frozen allogeneic block bone graft for lateral ridge augmentation. Clin Oral Implant Res 2014; 25: 226-233
- [25] Tang YL, Yuan J, Song Y-L, Ma W, Chao X, Li D-H.: Ridge expansion alone or in combination with guided bone regeneration to facilitate implant placement in narrow alveolar ridges: a retrospective study. Clin Oral Implants Res 2015; 26: 204-211
- [26] Zins JE, Whitaker LA: Membranous versus endochondral bone: implications for craniofacial reconstruction. Plast Reconstr Surg 1983; 72: 778-785

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