

Astra Tech publications

March 2012

1. Abrahamsson I, Albouy JP, Berglundh T. Healing at fluoride-modified implants placed in wide marginal defects: an experimental study in dogs. *Clin Oral Implants Res* 2008;19(2):153-59. [Abstract in PubMed](#)
2. Abrahamsson I, Berglundh T. Tissue characteristics at microthreaded implants: an experimental study in dogs. *Clin Impl Dent Rel Res* 2006;8(3):107-13. ID No. 78779 [Abstract in PubMed](#)
3. Abrahamsson I, Berglundh T. Effects of different implant surfaces and designs on marginal bone-level alterations: a review. *Clin Oral Implants Res* 2009;20 Suppl 4:207-15. [Abstract in PubMed](#)
4. Abrahamsson I, Berglundh T, Lindhe J. Soft tissue response to plaque formation at different implant systems. A comparative study in the dog. *Clin Oral Implants Res* 1998;9(2):73-9. [Abstract in PubMed](#)
5. Abrahamsson I, Berglundh T, Moon IS, Lindhe J. Peri-implant tissues at submerged and non-submerged titanium implants. *J Clin Periodontol* 1999;26(9):600-7. ID No. 75160 [Abstract in PubMed](#)
6. Abrahamsson I, Berglundh T, Sekino S, Lindhe J. Tissue reactions to abutment shift: an experimental study in dogs. *Clin Impl Dent Rel Res* 2003;5(2):82-8. ID No. 79027 [Abstract in PubMed](#)
7. Abrahamsson I, Berglundh T, Wennström J, Lindhe J. The peri-implant hard and soft tissues at different implant systems. A comparative study in the dog. *Clin Oral Implants Res* 1996;7(3):212-19. [Abstract in PubMed](#)
8. Abuhussein H, Pagni G, Rebaudi A, Wang HL. The effect of thread pattern upon implant osseointegration. *Clin Oral Implants Res* 2010;21(2):129-36. [Abstract in PubMed](#)
9. Acocella A, Bertolai R, Sacco R. Modified insertion technique for immediate implant placement into fresh extraction socket in the first maxillary molar sites: a 3-year prospective study. *Implant Dent* 2010;19(3):220-8. [Abstract in PubMed](#)
10. Acocella A, Ercoli C, Geminiani A, Feng C, et al. Clinical Evaluation of Immediate Loading of Electroeroded Screw-Retained Titanium Fixed Prostheses Supported by Tilted Implant: A Multicenter Retrospective Study. *Clin Impl Dent Rel Res* 2011. [Abstract in PubMed](#)
11. Adams MW. Computer-designed and milled patient-specific implant abutments. *Dent Today* 2005;24(6):80-3. [Abstract in PubMed](#)
12. Adatia ND, Bayne SC, Cooper LF, Thompson JY. Fracture resistance of yttria-stabilized zirconia dental implant abutments. *J Prosthodont* 2009;18(1):17-22. [Abstract in PubMed](#)
13. Aglietta M, Siciliano VI, Zwahlen M, Bragger U, Pjetursson BE, Lang NP, Salvi GE. A systematic review of the survival and complication rates of implant supported fixed dental prostheses with cantilever extensions after an observation period of at least 5 years. *Clin Oral Implants Res* 2009;20(5):441-51. [Abstract in PubMed](#)
14. Ahn SH, Park EJ, Kim ES. Reamer-mediated transalveolar sinus floor elevation without osteotome and simultaneous implant placement in the maxillary molar area: clinical outcomes of 391 implants in 380 patients. *Clin Oral Implants Res* 2011;e-pub Jul 4. 2011, doi: 10.1111/j.1600-0501.2011.02216.x. . [Abstract in PubMed](#)
15. Akca K, Cehreli MC. A photoelastic and strain-gauge analysis of interface force transmission of internal-cone implants. *Int J Periodontics Rest Dent* 2008;28(4):391-9. [Abstract in PubMed](#)

16. Akca K, Chang TL, Tekdemir I, Fanuscu MI. Biomechanical aspects of initial intraosseous stability and implant design: a quantitative micro-morphometric analysis. *Clin Oral Implants Res* 2006;17(4):465-72. [Abstract in PubMed](#)
17. Akca K, Fanuscu MI, Caputo AA. Effect of compromised cortical bone on implant load distribution. *J Prosthodont* 2008;17(8):616-20. [Abstract in PubMed](#)
18. Akoglu B, Ucankale M, Ozkan Y, Kulak-Ozkan Y. Five-year treatment outcomes with three brands of implants supporting mandibular overdentures. *Int J Oral Maxillofac Implants* 2011;26(1):188-94. [Abstract in PubMed](#)
19. Albouy JP, Abrahamsson I, Persson LG, Berglundh T. Spontaneous progression of peri-implantitis at different types of implants. An experimental study in dogs. I: clinical and radiographic observations. *Clin Oral Implants Res* 2008;19(10):997-1002. ID No. 79117 [Abstract in PubMed](#)
20. Albouy JP, Abrahamsson I, Persson LG, Berglundh T. Spontaneous progression of ligatured induced peri-implantitis at implants with different surface characteristics. An experimental study in dogs II: histological observations. *Clin Oral Implants Res* 2009;20(4):366-71. [Abstract in PubMed](#)
21. Albouy JP, Abrahamsson I, Persson LG, Berglundh T. Implant surface characteristics influence the outcome of treatment of peri-implantitis: an experimental study in dogs. *J Clin Periodontol* 2011;38(1):58-64. [Abstract in PubMed](#)
22. Albrektsson T, Sennerby L, Wennerberg A. State of the art of oral implants. *Periodontol* 2000 2008;47:15-26. ID No. 79205 [Abstract in PubMed](#)
23. Albrektsson T, Wennerberg A. Oral implant surfaces: Part 2-review focusing on clinical knowledge of different surfaces. *Int J Prosthodont* 2004;17(5):544-64. ID No. 78477 [Abstract in PubMed](#)
24. Albrektsson T, Wennerberg A. Oral implant surfaces: Part 1-review focusing on topographic and chemical properties of different surfaces and in vivo responses to them. *Int J Prosthodont* 2004;17(5):536-43. ID No. 78477 [Abstract in PubMed](#)
25. Alissa R, Oliver R. Influence of prognostic risk indicators on osseointegrated dental implant failure: a matched case-control analysis. *J Oral Implantol* 2010;E-pub Oct 8, 2010 doi: 10.1563/AJID-JOI-D-10-00086. [Abstract in PubMed](#)
26. Alissa R, Sakka S, Oliver R, Horner K, Esposito M, Worthington HV, Coulthard P. Influence of ibuprofen on bone healing around dental implants: a randomised double-blind placebo-controlled clinical study. *Eur J Oral Implantol* 2009;2(3):185-99. [Abstract in PubMed](#)
27. Al-Nawas B, Gotz H. Three-dimensional topographic and metrologic evaluation of dental implants by confocal laser scanning microscopy. *Clin Impl Dent Rel Res* 2003;5(3):176-83. [Abstract in PubMed](#)
28. Al-Nawas B, Kammerer PW, Morbach T, Ladwein C, Wegener J, Wagner W. Ten-year retrospective follow-up study of the TiOblast dental implant. *Clin Implant Dent Relat Res* 2012;14(1):127-34. [Abstract in PubMed](#)
29. Alsabeeha N, Payne AG, De Silva RK, Swain MV. Mandibular single-implant overdentures: a review with surgical and prosthodontic perspectives of a novel approach. *Clin Oral Implants Res* 2009;20(4):356-65. [Abstract in PubMed](#)
30. Antunes AA, Oliveira Neto P, de Santis E, Caneva M, Botticelli D, Salata LA. Comparisons between Bio-Oss((R)) and Straumann((R)) Bone Ceramic in immediate and staged implant placement in dogs mandible bone defects. *Clin Oral Implants Res* 2011;E-pub Dec 15 2011, doi:10.1111/j.1600-0501.2011.02385.x. [Abstract in PubMed](#)
31. Apicella D, Veltri M, Balleri P, Apicella A, Ferrari M. Influence of abutment material on the fracture strength and failure modes of abutment-fixture assemblies when loaded in a bio-faithful simulation. *Clin Oral Implants Res* 2011;22(2):182-8. [Abstract in PubMed](#)

32. Apicella D, Veltri M, Chieffi N, Balleri P, Ferrari M. Cement thickness at implant-supported single-tooth Lava assemblies: a scanning electron microscopic investigation. *Clin Oral Implants Res* 2010;21(7):747-50. [Abstract in PubMed](#)
33. Apicella D, Veltri M, Chieffi N, Polimeni A, Giovannetti A, Ferrari M. Implant adaptation of stock abutments versus CAD/CAM abutments: A radiographic and scanning electron microscopy study. *Annali di Stomatologia* 2010;1(3-4):9-13. [Abstract in PubMed](#)
34. Arvidson K, Bystedt H, Ericsson I. Histometric and ultrastructural studies of tissues surrounding Astra dental implants in dogs. *Int J Oral Maxillofac Implants* 1990;5(2):127-34. [Abstract in PubMed](#)
35. Arvidson K, Bystedt H, Frykholm A, von Konow L, Lothigius E. A 3-year clinical study of Astra dental implants in the treatment of edentulous mandibles. *Int J Oral Maxillofac Implants* 1992;7(3):321-9. [Abstract in PubMed](#)
36. Arvidson K, Bystedt H, Frykholm A, von Konow L, Lothigius E. Five-year prospective follow-up report of the Astra Tech Dental Implant System in the treatment of edentulous mandibles. *Clin Oral Implants Res* 1998;9(4):225-34. ID No. 75187 [Abstract in PubMed](#)
37. Arvidsson A, Sater BA, Wennerberg A. The role of functional parameters for topographical characterization of bone-anchored implants. *Clin Impl Dent Rel Res* 2006;8(2):70-6. [Abstract in PubMed](#)
38. Atieh MA, Payne AG, Duncan WJ, Cullinan MP. Immediate restoration/loading of immediately placed single implants: is it an effective bimodal approach? *Clin Oral Implants Res* 2009;20(7):645-59. [Abstract in PubMed](#)
39. Att W, Bernhart J, Strub JR. Fixed rehabilitation of the edentulous maxilla: possibilities and clinical outcome. *J Oral Maxillofac Surg* 2009;67(11 Suppl):60-73. [Abstract in PubMed](#)
40. Azari A, Nikzad S. Flapless implant surgery: review of the literature and report of 2 cases with computer-guided surgical approach. *J Oral Maxillofac Surg* 2008;66(5):1015-21. [Abstract in PubMed](#)
41. Baelum V, Ellegaard B. Implant survival in periodontally compromised patients. *J Periodontol* 2004;75(10):1404-12. [Abstract in PubMed](#)
42. Baixe S, Fauxpoint G, Arntz Y, Etienne O. Microgap between zirconia abutments and titanium implants. *Int J Oral Maxillofac Implants* 2010;25(3):455-60. [Abstract in PubMed](#)
43. Bakke M, Holm B, Gotfredsen K. Masticatory function and patient satisfaction with implant-supported mandibular overdentures: a prospective 5-year study. *Int J Prosthodont* 2002;15(6):575-81. ID No. 78148 [Abstract in PubMed](#)
44. Balatsouka D, Gotfredsen K, Lindh CH, Berglundh T. The impact of nicotine on osseointegration. An experimental study in the femur and tibia of rabbits. *Clin Oral Implants Res* 2005;16(4):389-95. [Abstract in PubMed](#)
45. Balik A, Ozdemir Karatas M, Keskin H. Effects of Different Abutment Connection Designs on the Force Distribution around Commercially Available Dental Implants: a 3d Finite Element Analysis. *J Oral Implantol* 2011;E-pub May 16 2011, . [Abstract in PubMed](#)
46. Balleri P, Ferrari M, Veltri M. One-year outcome of implants strategically placed in the retrocanine bone triangle. *Clin Impl Dent Relat Res* 2010;12(4):324-30. [Abstract in PubMed](#)
47. Barbier L, Abeloos J, De Clercq C, Jacobs R. Peri-implant bone changes following tooth extraction, immediate placement and loading of implants in the edentulous maxilla. *Clin Oral Investig* 2011;E-pub: Sept 20 2011 doi:10.1007/s00784-011-0617-9. [Abstract in PubMed](#)
48. Barewal RM, Stanford C. A randomized prospective clinical trial of the effect of three dental implant loading protocols on stability -an interim report. *Appl Osseointegration Res* 2006;5:62-67. ID No. 78448-USX

49. Bateli M, Att W, Strub JR. Implant neck configurations for preservation of marginal bone level: a systematic review. *Int J Oral Maxillofac Implants* 2011;26(2):290-303. [Abstract in PubMed](#)
50. Becktor JP, Hallström H, Isaksson S, Sennerby L. The use of particulate bone grafts from the mandible for maxillary sinus floor augmentation before placement of surface-modified implants: results from bone grafting to delivery of the final fixed prosthesis. *J Oral Maxillofac Surg* 2008;66(4):780-6. [Abstract in PubMed](#)
51. Bencharit S, Misiek DJ, Simon LA, Malone-Trahey A. Full mouth rehabilitation with dental implants for a patient with skeletal class III malocclusion: A case report. *J Oral Implantol* 2011;E-pub: April 15 2011. doi.org/10.1563/AIID-JOI-D-10-00032.1 [Abstract in PubMed](#)
52. Bencharit S, Reside GJ, Howard-Williams EL. Complex prosthodontic treatment with dental implants for a patient with polymyalgia rheumatica: a clinical report. *Int J Oral Maxillofac Implants* 2010;25(6):1241-5. [Abstract in PubMed](#)
53. Bencharit S, Schardt-Sacco D, Border MB, Barbaro CP. Full mouth rehabilitation with implant-supported prostheses for severe periodontitis: a case report. *Open Dent J* 2010;4:165-71. [Abstract in PubMed](#)
54. Berglundh T, Abrahamsson I, Albouy JP, Lindhe J. Bone healing at implants with a fluoride-modified surface: an experimental study in dogs. *Clin Oral Implants Res* 2007;18(2):147-52. ID No. 78775 [Abstract in PubMed](#)
55. Berglundh T, Abrahamsson I, Lindhe J. Bone reactions to longstanding functional load at implants: an experimental study in dogs. *J Clin Periodontol* 2005;32(9):925-32. ID No. 78475 [Abstract in PubMed](#)
56. Berglundh T, Persson L, Klinge B. A systematic review of the incidence of biological and technical complications in implant dentistry reported in prospective longitudinal studies of at least 5 years. *J Clin Periodontol* 2002;29 Suppl 3:197-212; discussion 32-3. [Abstract in PubMed](#)
57. Bergstresser J. Implant abutment tissue strategies. *Journal of Dental Technology* 2009;August/September:34-36.
58. Bernhart G, Koob A, Schmitter M, Gabbert O, Stober T, Rammelsberg P. Clinical success of implant-supported and tooth-implant-supported double crown-retained dentures. *Clin Oral Investig* 2011. [Abstract in PubMed](#)
59. Bhatavadekar NB, Hu J, Keys K, Ofek G, Athanasiou KA. Novel application of cytodetachment technology to the analysis of dental implant surfaces. *Int J Oral Maxillofac Implants* 2011;26(5):985-90. [Abstract in PubMed](#)
60. Bianchi J, Fiorellini JP, Howell TH, Sekler J, Curtin H, Nevins ML, Friedland B. Measuring the efficacy of rhBMP-2 to regenerate bone: a radiographic study using a commercially available software program. *Int J Periodontics Rest Dent* 2004;24(6):579-87. [Abstract in PubMed](#)
61. Bidra AS. Surgical and prosthodontic consequences of inadequate treatment planning for fixed implant-supported prosthesis in the edentulous mandible. *J Oral Maxillofac Surg* 2010;68(10):2528-36. [Abstract in PubMed](#)
62. Bidra AS, Hofstede TM, Skoracki RJ, Jacob RF. Maxillofacial rehabilitation of a 7-year-old boy with osteosarcoma of the mandible using a free fibula flap and implant-supported prosthesis: a clinical report. *J Prosthet Dent* 2009;102(6):348-53. [Abstract in PubMed](#)
63. Bidra AS, Montgomery PC, Jacob RF. Maxillofacial rehabilitation of a microstomia patient after resection of nose, lip, and maxilla. *J Oral Maxillofac Surg* 2010;68(10):2513-9. [Abstract in PubMed](#)
64. Bidra AS, Shaqman M. Treatment planning and sequencing implant therapy in a young adult with generalized aggressive periodontitis. *J Oral Implantol* 2010;E-pub 2010, doi: 10.1563/AIID-JOI-D-10-00118 [Abstract in PubMed](#)

65. Bilhan H, Geckili O, Mumcu E. The use of definitive implant abutments for the fabrication of provisional crowns: a case series. *J Periodontal Implant Sci* 2011;41(5):248-52. [Abstract in PubMed](#)
66. Bilhan H, Geckili O, Mumcu E, Bozdag E, Sunbuloglu E, Kutay O. Influence of surgical technique, implant shape and diameter on the primary stability in cancellous bone. *J Oral Rehabil* 2010;37(12):900-7. [Abstract in PubMed](#)
67. Bilhan H, Geckili O, Sulun T, Bilgin T. A quality-of-life comparison between self-aligning and ball attachment systems for two-implant-retained mandibular overdentures. *J Oral Implantol* 2010;37(sp1):167-73. [Abstract in PubMed](#)
68. Bilhan H, Kutay O, Arat S, Cekici A, Cehreli MC. Astra Tech, Bränemark, and ITI Implants in the rehabilitation of partial edentulism: Two-year results. *Implant Dent* 2010;19(5):437-46. [Abstract in PubMed](#)
69. Bilhan H, Mumcu E, Erol S, Kutay O. Influence of platform-switching on marginal bone levels for implants with mandibular overdentures: a retrospective clinical study. *Implant Dent* 2010;19(3):250-8. [Abstract in PubMed](#)
70. Bilhan H, Sonmez E, Mumcu E, Bilgin T. Immediate loading: three cases with up to 38 months of clinical follow-up. *J Oral Implantol* 2009;35(2):75-81. [Abstract in PubMed](#)
71. Bormann KH, Suarez-Cunqueiro MM, von See C, Kokemuller H, Schumann P, Gellrich NC. Sandwich osteotomy for vertical and transversal augmentation of the posterior mandible. *Int J Oral Maxillofac Surg* 2010;39(6):554-60. [Abstract in PubMed](#)
72. Bormann KH, Suarez-Cunqueiro MM, von See C, Tavassol F, et al. Forty sandwich osteotomies in atrophic mandibles: a retrospective study. *J Oral Maxillofac Surg* 2011;69(6):1562-70. [Abstract in PubMed](#)
73. Botticelli D, Persson LG, Lindhe J, Berglundh T. Bone tissue formation adjacent to implants placed in fresh extraction sockets: an experimental study in dogs. *Clin Oral Implants Res* 2006;17(4):351-58. [Abstract in PubMed](#)
74. Bousdras VA, Sindet-Pedersen S, Cunningham JL, Blunn G, et al. Immediate functional loading of single-tooth TiO grit-blasted implant restorations: a controlled prospective study in a porcine model. Part I: Clinical outcome. *Clin Impl Dent Rel Res* 2007;9(4):197-206. [Abstract in PubMed](#)
75. Bousdras VA, Walboomers F, Jansen JA, Cunningham JL, et al. Immediate functional loading of single-tooth TiO(2) grit-blasted implant restoration. A controlled prospective study in a porcine model. Part II: Histology and histomorphometry. *Clin Impl Dent Rel Res* 2007;9(4):207-16. [Abstract in PubMed](#)
76. Bozini T, Petridis H, Garefis K. A meta-analysis of prosthodontic complication rates of implant-supported fixed dental prostheses in edentulous patients after an observation period of at least 5 years. *Int J Oral Maxillofac Implants* 2011;26(2):304-18. [Abstract in PubMed](#)
77. Bozkaya D, Muftu S, Muftu A. Evaluation of load transfer characteristics of five different implants in compact bone at different load levels by finite elements analysis. *J Prosthet Dent* 2004;92(6):523-30. [Abstract in PubMed](#)
78. Bressan E, Paniz G, Lops D, Corazza B, Romeo E, Favero G. Influence of abutment material on the gingival color of implant-supported all-ceramic restorations: a prospective multicenter study. *Clin Oral Implants Res* 2010;22(6):631-7. [Abstract in PubMed](#)
79. Bressan E, Sivolella S, Urrutia ZA, Salata LA, Lang NP, Botticelli D. Short implants (6 mm) installed immediately into extraction sockets: An experimental study in dogs. *Clin Oral Implants Res* 2012;E-pub: Feb 9 2012. doi: 10.1111/j.1600-0501.2012.02432.x. [Abstract in PubMed](#)
80. Bressan E, Tomasi C, Stellini E, Sivolella S, Favero G, Berglundh T. Implant-supported mandibular overdentures: a cross-sectional study. *Clin Oral Implants Res* 2011;E-pub June 2 2011. doi: 10.1111/j.1600-0501.2011.02225.x. [Abstract in PubMed](#)

81. Bystedt H, Rasmusson L. Porous titanium granules used as osteoconductive material for sinus floor augmentation: a clinical pilot study. *Clin Impl Dent Rel Res* 2009;11(2):101-5. [Abstract in PubMed](#)
82. Caglar A, Bal BT, Karakoca S, Aydin C, Yilmaz H, Sarisoy S. Three-dimensional finite element analysis of titanium and yttrium-stabilized zirconium dioxide abutments and implants. *Int J Oral Maxillofac Implants* 2011;26(5):961-9. [Abstract in PubMed](#)
83. Cakarer S, Can T, Yaltirik M, Keskin C. Complications associated with the ball, bar and Locator attachments for implant-supported overdentures. *Med Oral Patol Oral Cir Bucal* 2011;16(7):953-9. [Abstract in PubMed](#)
84. Calderini A, Andreoni D, Abbondanza T. Prosthetic rehabilitation in advanced osseointegration: clinical aspects and passivation. In: Santoro F, Maiorana C, editors. Advanced osseointegration: RC Libri srl; 2005.
85. Calderini A, Maiorana C, Garlini G, Abbondanza T. A simplified method to assess precision of fit between framework and supporting implants: a preliminary study. *Int J Oral Maxillofac Implants* 2007;22(5):831-8. [Abstract in PubMed](#)
86. Carmagnola D, Araujo M, Berglundh T, Albrektsson T, Lindhe J. Bone tissue reaction around implants placed in a compromised jaw. *J Clin Periodontol* 1999;26(10):629-35. [Abstract in PubMed](#)
87. Carmagnola D, Berglundh T, Araujo M, Albrektsson T, Lindhe J. Bone healing around implants placed in a jaw defect augmented with Bio-Oss. An experimental study in dogs. *J Clin Periodontol* 2000;27(11):799-805. [Abstract in PubMed](#)
88. Castro GL, Gallas M, Nunez IR, Borrajo JL, Alvarez JC, Varela LG. Scanning electron microscopic analysis of diode laser-treated titanium implant surfaces. *Photomed Laser Surg* 2007;25(2):124-8. [Abstract in PubMed](#)
89. Caudry S, Landzberg M. Clinical considerations for the use of a two-piece 3.0 mm implant for replacing a missing mandibular incisor. *Journal of Clinical & Practical Oral Implantology* 2010;1(2):25-29.
90. Cecchinato D, Bengazi F, Blasi G, Botticelli D, Cardarelli I, Gualini F. Bone level alterations at implants placed in the posterior segments of the dentition: outcome of submerged/non-submerged healing. A 5-year multicenter, randomized, controlled clinical trial. *Clin Oral Implants Res* 2008;19(4):429-31. [Abstract in PubMed](#)
91. Cecchinato D, Bressan EA, Toia M, Araujo MG, Liljenberg B, Lindhe J. Osseointegration in periodontitis susceptible individuals. *Clin Oral Implants Res* 2011;E-pub Nov 1, 2011, doi:10.1111/j.1600-0501.2011.02293.x. [Abstract in PubMed](#)
92. Cecchinato D, Olsson C, Lindhe J. Submerged or non-submerged healing of endosseous implants to be used in the rehabilitation of partially dentate patients. *J Clin Periodontol* 2004;31(4):299-308. ID No. 78302 [Abstract in PubMed](#)
93. Cehreli M, Duyck J, De Cooman M, Puers R, Naert I. Implant design and interface force transfer. A photoelastic and strain-gauge analysis. *Clin Oral Implants Res* 2004;15(2):249-57. [Abstract in PubMed](#)
94. Cehreli MC, Karasoy D, Akca K, Eckert SE. Meta-analysis of methods used to assess implant stability. *Int J Oral Maxillofac Implants* 2009;24(6):1015-32. [Abstract in PubMed](#)
95. Cehreli MC, Karasoy D, Kokat AM, Akca K, Eckert S. A systematic review of marginal bone loss around implants retaining or supporting overdentures. *Int J Oral Maxillofac Implants* 2010;25(2):266-77. [Abstract in PubMed](#)
96. Cehreli MC, Karasoy D, Kokat AM, Akca K, Eckert SE. Systematic review of prosthetic maintenance requirements for implant-supported overdentures. *Int J Oral Maxillofac Implants* 2010;25(1):163-80. [Abstract in PubMed](#)

97. Chaffee NR, Felton DA, Cooper LF, Palmqvist U, Smith R. Prosthetic complications in an implant-retained mandibular overdenture population: initial analysis of a prospective study. *J Prosthet Dent* 2002;87(1):40-4. [Abstract in PubMed](#)
98. Chang M, Wennstrom JL. Bone alterations at implant-supported FDPs in relation to inter-unit distances: a 5-year radiographic study. *Clin Oral Implants Res* 2010;21(7):735-40. [Abstract in PubMed](#)
99. Chang M, Wennstrom JL. Soft tissue topography and dimensions lateral to single implant-supported restorations. A cross-sectional study. *Clin Oral Implants Res* 2012;E-pub: Feb 15 2012. doi: 10.1111/j.1600-0501.2012.02422.x. [Abstract in PubMed](#)
100. Chang M, Wennström JL. Longitudinal changes in tooth/single-implant relationship and bone topography: an 8-year retrospective analysis. *Clin Impl Dent Rel Res* 2010;E-pub Feb 11, 2010. doi: 10.1111/j.1708-8208.2010.00272.x. [Abstract in PubMed](#)
101. Chao YL, Chen HH, Mei CC, Tu YK, Lu HK. Meta-regression analysis of the initial bone height for predicting implant survival rates of two sinus elevation procedures. *J Clin Periodontol* 2010;37:456-65. [Abstract in PubMed](#)
102. Charalampakis G, Leonhardt Å, Rabe P, Dahlén G. Clinical and microbiological characteristics of peri-implantitis cases: a retrospective multicentre study. *Clin Oral Implants Res* 2011;E-pub 2 Aug 2011, doi: 10.1111/j.1600-0501.2011.02258.x.
103. Choi JH. The effect of different screw-tightening techniques on the strain generated on an internal-connection implant superstructure. Part 2: models created with a splinted impression technique. *Int J Oral Maxillofac Implants* 2011;26(5):1016-23. [Abstract in PubMed](#)
104. Choi JH, Lim YJ, Kim CW, Kim MJ. The effect of different screw-tightening techniques on the stress generated on an internal-connection implant superstructure. *Int J Oral Maxillofac Implants* 2009;24(6):1045-53. [Abstract in PubMed](#)
105. Choi JH, Lim YJ, Yim SH, Kim CW. Evaluation of the accuracy of implant-level impression techniques for internal-connection implant prostheses in parallel and divergent models. *Int J Oral Maxillofac Implants* 2007;22(5):761-8. [Abstract in PubMed](#)
106. Choi JY, Lee HJ, Jang JU, Yeo IS. Comparison Between Bioactive Fluoride Modified and Bioinert Anodically Oxidized Implant Surfaces in Early Bone Response Using Rabbit Tibia Model. *Implant Dent* 2012;21(2). [Abstract in PubMed](#)
107. Chow J, Hui E, Lee PK, Li W. Zygomatic implants-protocol for immediate occlusal loading: a preliminary report. *J Oral Maxillofac Surg* 2006;64(5):804-11. [Abstract in PubMed](#)
108. Clelland NL, Seidt JD, Daroz LG, McGlumphy EA. Comparison of strains for splinted and nonsplinted implant prostheses using three-dimensional image correlation. *Int J Oral Maxillofac Implants* 2010;25(5):953-9. [Abstract in PubMed](#)
109. Clelland NL, Yilmaz B, Seidt JD. Three-Dimensional Image Correlation Analyses for Strains Generated by Cement and Screw-Retained Implant Prostheses. *Clin Impl Dent Relat Res* 2011. [Abstract in PubMed](#)
110. Cody RP. Esthetics in implant dentistry - a case report using the Astra Tech Zir Abutment in a maxillary anterior single tooth reconstruction. *US Dentistry* 2006;27-28.
111. Coelho PG, Granato R, Marin C, Bonfante EA, et al. Biomechanical evaluation of endosseous implants at early implantation times: a study in dogs. *J Oral Maxillofac Surg* 2010;68(7):1667-75. [Abstract in PubMed](#)
112. Collaert B, De Bruyn H. Early loading of four or five Astra Tech fixtures with a fixed cross-arch restoration in the mandible. *Clin Impl Dent Rel Res* 2002;4(3):133-5. ID No. 78384 [Abstract in PubMed](#)
113. Collaert B, De Bruyn H. Immediate functional loading of TiOblast dental implants in full-arch edentulous maxillae: a 3-year prospective study. *Clin Oral Implants Res* 2008;19(12):1254-60. [Abstract in PubMed](#)

114. Collaert B, Wijnen L, De Bruyn H. A 2-year prospective study on immediate loading with fluoride-modified implants in the edentulous mandible. *Clin Oral Implants Res* 2011;22(10):1111-6. [Abstract in PubMed](#)
115. Colomina LE. Immediate loading of implant-fixed mandibular prostheses: a prospective 18-month follow-up clinical study-preliminary report. *Implant Dent* 2001;10(1):23-9. [Abstract in PubMed](#)
116. Cooper L, De Kok IJ, Reside GJ, Pungpapong P, Rojas-Vizcaya F. Immediate fixed restoration of the edentulous maxilla after implant placement. *J Oral Maxillofac Surg* 2005;63(9 Suppl 2):97-110. [Abstract in PubMed](#)
117. Cooper L, Felton DA, Kugelberg CF, Ellner S, et al. A multicenter 12-month evaluation of single-tooth implants restored 3 weeks after 1-stage surgery. *Int J Oral Maxillofac Implants* 2001;16(2):182-92. ID No. 75410 [Abstract in PubMed](#)
118. Cooper LF. Current strategies for immediate tooth replacement using dental implants. Improvement of osseointegration. *Appl Osseointegration Res* 2006;5:31-39. ID No. 78448-USX
119. Cooper LF, De Kok IJ, Rojas-Vizcaya F, Pungpapong P, Chang SH. The immediate loading of dental implants. *Compend Contin Educ Dent* 2007;28(4):216-25; quiz 26. [Abstract in PubMed](#)
120. Cooper LF, Ellner S, Moriarty J, Felton DA, et al. Three-year evaluation of single-tooth implants restored 3 weeks after 1-stage surgery. *Int J Oral Maxillofac Implants* 2007;22(5):791-800. ID No. 78988 [Abstract in PubMed](#)
121. Cooper LF, Masuda T, Whitson SW, Yliheikkila P, Felton DA. Formation of mineralizing osteoblast cultures on machined, titanium oxide grit-blasted, and plasma-sprayed titanium surfaces. *Int J Oral Maxillofac Implants* 1999;14(1):37-47. [Abstract in PubMed](#)
122. Cooper LF, Moriarty JD, Guckes AD, Klee LB, Smith RG, Almgren C, Felton DA. Five-year prospective evaluation of mandibular overdentures retained by two microthreaded, TiOblast nonsplinted implants and retentive ball anchors. *Int J Oral Maxillofac Implants* 2008;23(4):696-704. [Abstract in PubMed](#)
123. Cooper LF, Raes F, Reside GJ, Garriga JS, et al. Comparison of radiographic and clinical outcomes following immediate provisionalization of single-tooth dental implants placed in healed alveolar ridges and extraction sockets. *Int J Oral Maxillofac Implants* 2010;25(6):1222-32. [Abstract in PubMed](#)
124. Cooper LF, Rahman A, Moriarty J, Chaffee N, Sacco D. Immediate mandibular rehabilitation with endosseous implants: simultaneous extraction, implant placement, and loading. *Int J Oral Maxillofac Implants* 2002;17(4):517-25. ID No. 78110 [Abstract in PubMed](#)
125. Cooper LF, Scurria MS, Lang LA, Guckes AD, Moriarty JD, Felton DA. Treatment of edentulism using Astra Tech implants and ball abutments to retain mandibular overdentures. *Int J Oral Maxillofac Implants* 1999;14(5):646-53. [Abstract in PubMed](#)
126. Cooper LF, Zhou Y, Takebe J, Guo J, Abron A, Holmen A, Ellingsen JE. Fluoride modification effects on osteoblast behavior and bone formation at TiO₂ grit-blasted c.p. titanium endosseous implants. *Biomaterials* 2006;27(6):926-36. ID No. 78750 [Abstract in PubMed](#)
127. Creton M, Cune M, Verhoeven W, Muradin M, Wismeijer D, Meijer G. Implant treatment in patients with severe hypodontia: a retrospective evaluation. *J Oral Maxillofac Surg* 2010;68(3):530-8. [Abstract in PubMed](#)
128. Dailey B, Jordan L, Blind O, Tavernier B. Axial displacement of abutments into implants and implant replicas, with the tapered cone-screw internal connection, as function of tightening torque. *Int J Oral Maxillofac Implants* 2009;24(2):251-56.
129. Dasmah A, Thor A, Ekestubbe A, Sennerby L, Rasmusson L. Marginal bone-level alterations at implants installed in block versus particulate onlay bone grafts mixed with platelet-rich plasma in atrophic maxilla. A prospective 5-year follow-up study of 15 patients. *Clin Impl Dent Relat Res* 2011;E-pub Aug 4 2011. doi: 10.1111/j.1708-8208.2011.00377.x. [Abstract in PubMed](#)

130. Dasmah A, Thor A, Ekestubbe A, Sennerby L, Rasmusson L. Particulate vs. block bone grafts: Three-dimensional changes in graft volume after reconstruction of the atrophic maxilla, a 2-year radiographic follow-up. *J Craniomaxillofac Surg* 2011. [Abstract in PubMed](#)
131. Davis DM. Implant supported overdentures-the King's experience. *J Dent* 1997;25 Suppl 1:S33-7. [Abstract in PubMed](#)
132. Davis DM, Packer ME. Mandibular overdentures stabilized by Astra Tech implants with either ball attachments or magnets: 5-year results. *Int J Prosthodont* 1999;12(3):222-9. ID No. 79028 [Abstract in PubMed](#)
133. Davis DM, Packer ME. The maintenance requirements of mandibular overdentures stabilized by Astra Tech implants using three different attachment mechanisms-balls, magnets, and bars; 3-year results. *Eur J Prosth Rest Dent* 2000;8(4):131-4. [Abstract in PubMed](#)
134. Davis DM, Rogers JO, Packer ME. The extent of maintenance required by implant-retained mandibular overdentures: a 3-year report. *Int J Oral Maxillofac Implants* 1996;11(6):767-74. [Abstract in PubMed](#)
135. Davis DM, Watson RM. The use of two implant systems for providing implant supported overdentures in the mandible--a clinical appraisal. *Eur J Prosth Rest Dent* 1993;2(2):67-71. [Abstract in PubMed](#)
136. De Bruyn H, Besseler J, Raes F, Vaneker M. Clinical outcome of overdenture treatment on two nonsubmerged and nonsplinted Astra Tech Microthread implants. *Clin Impl Dent Rel Res* 2009;11(2):81-9. [Abstract in PubMed](#)
137. De Bruyn H, Collaert B. Effect of MicroThread design on preservation of marginal bone loss. *Appl Osseointegration Res* 2008;7:38-48. ID No. 79034-USX
138. De Bruyn H, Van de Velde T, Collaert B. Immediate functional loading of TiOblast dental implants in full-arch edentulous mandibles: a 3-year prospective study. *Clin Oral Implants Res* 2008;19(7):717-23. [Abstract in PubMed](#)
139. De Coster P, Browaeys H, De Bruyn H. Healing of extraction sockets filled with BoneCeramic(R) prior to implant placement: preliminary histological findings. *Clin Impl Dent Relat Res* 2011;13(1):34-45. [Abstract in PubMed](#)
140. De Kok I, Chang K-H, Li T-S, Cooper LF. Comparison of three-implant-supported fixed dentures and two-implant-retained overdentures in the edentulous mandible: A pilot study of treatment efficacy and patient satisfaction. *Int J Oral Maxillofac Implants* 2011;26(2):415-26. [Abstract in PubMed](#)
141. De Kok IJ, Chang SS, Moriarty JD, Cooper LF. A retrospective analysis of peri-implant tissue responses at immediate load/provisionalized microthreaded implants. *Int J Oral Maxillofac Implants* 2006;21(3):405-12. ID No. 78727 [Abstract in PubMed](#)
142. de Sanctis M, Vignoletti F, Discepoli N, Munoz F, Sanz M. Immediate implants at fresh extraction sockets: an experimental study in the beagle dog comparing four different implant systems. Soft tissue findings. *J Clin Periodontol* 2010;37(8):769-76. [Abstract in PubMed](#)
143. de Sanctis M, Vignoletti F, Discepoli N, Zucchelli G, Sanz M. Immediate implants at fresh extraction sockets: bone healing in four different implant systems. *J Clin Periodontol* 2009;36(8):705-11. [Abstract in PubMed](#)
144. de Vicente JC, Hernandez-Vallejo G, Brana-Abascal P, Pena I. Maxillary sinus augmentation with autologous bone harvested from the lateral maxillary wall combined with bovine-derived hydroxyapatite: clinical and histologic observations. *Clin Oral Implants Res* 2010;21(4):430-8. [Abstract in PubMed](#)
145. DeAngelo SJ, Kumar PS, Beck FM, Tatakis DN, Leblebicioglu B. Early soft tissue healing around one-stage dental implants: clinical and microbiologic parameters. *J Periodontol* 2007;78(10):1878-86. [Abstract in PubMed](#)

146. Del Castillo R, Ercoli C, Delgado JC, Alcaraz J. An alternative multiple pontic design for a fixed implant-supported prosthesis. *J Prosthet Dent* 2011;106(3):198-203. [Abstract in PubMed](#)
147. den Hartog L, Slater JJ, Vissink A, Meijer HJ, Raghoebar GM. Treatment outcome of immediate, early and conventional single-tooth implants in the aesthetic zone: a systematic review to survival, bone level, soft-tissue, aesthetics and patient satisfaction. *J Clin Periodontol* 2008;35(12):1073-86. [Abstract in PubMed](#)
148. D'haese J, De Bruyn H. Effect of smoking habits on accuracy of implant placement using mucosally supported stereolithographic surgical guides. *Clin Impl Dent Rel Res* 2011;E-pub May 20. doi: 10.1111/j.1708-8208.2011.00353.x. [Abstract in PubMed](#)
149. D'haese J, Van De Velde T, Elaut L, De Bruyn H. A prospective study on the accuracy of mucosally supported stereolithographic surgical guides in fully edentulous maxillae. *Clin Impl Dent Rel Res* 2009;E-pub Nov 10, DOI 10.1111/j.1708-8208.2009.00255.x. [Abstract in PubMed](#)
150. Dierens M, Collaert B, Deschepper E, Browaeys H, Klinge B, De Bruyn H. Patient-centered outcome of immediately loaded implants in the rehabilitation of fully edentulous jaws. *Clin Oral Implants Res* 2009;20(10):1070-77. [Abstract in PubMed](#)
151. Diss A, Dohan DM, Mouhyi J, Mahler P. Osteotome sinus floor elevation using Choukroun's platelet-rich fibrin as grafting material: a 1-year prospective pilot study with microthreaded implants. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2008;105(5):572-9. [Abstract in PubMed](#)
152. Dittmer MP, Dittmer S, Borchers L, Kohorst P, Stiesch M. Influence of the interface design on the yield force of the implant-abutment complex before and after cyclic mechanical loading. *J Prosthodont Res* 2012;56(1):19-24. [Abstract in PubMed](#)
153. Dittmer S, Dittmer MP, Kohorst P, Jendras M, Borchers L, Stiesch M. Effect of implant-abutment connection design on load bearing capacity and failure mode of implants. *J Prosthodont* 2011;20(7):510-6. [Abstract in PubMed](#)
154. Donati M, La Scala V, Billi M, Di Dino B, Torrisi P, Berglundh T. Immediate functional loading of implants in single tooth replacement: a prospective clinical multicenter study. *Clin Oral Implants Res* 2008;19(8):740-48. ID No. 79065 [Abstract in PubMed](#)
155. Doukas D, Michelinakis G, Smith PW, Barclay CW. The influence of interimplant distance and attachment type on the retention characteristics of mandibular overdentures on 2 implants: 6-month fatigue retention values. *Int J Prosthodont* 2008;21(2):152-4. [Abstract in PubMed](#)
156. Duddeck DU, Neugebauer J, Scheer M, Möller F, Herrera M, Zöller JE. Surprises in the land of microns. *EDI Journal* 2010;6(2):50-54.
157. Duyck J, Corpas L, Vermeiren S, Ogawa T, et al. Histological, histomorphometrical, and radiological evaluation of an experimental implant design with a high insertion torque. *Clin Oral Implants Res* 2010;21(8):877-84. [Abstract in PubMed](#)
158. Eckert SE, Choi YG, Sanchez AR, Koka S. Comparison of dental implant systems: quality of clinical evidence and prediction of 5-year survival. *Int J Oral Maxillofac Implants* 2005;20(3):406-15. [Abstract in PubMed](#)
159. Ehrenfest DM, Vazquez L, Park YJ, Sammartino G, Bernard JP. Identification card and codification of the chemical and morphological characteristics of 14 dental implant surfaces. *J Oral Implantol* 2011;37(5):525-42. [Abstract in PubMed](#)
160. Eickholz P, Grotkamp FL, Steveling H, Muhling J, Staehle HJ. Reproducibility of peri-implant probing using a force-controlled probe. *Clin Oral Implants Res* 2001;12(2):153-8. [Abstract in PubMed](#)
161. Elias CN, Meirelles L. Improving osseointegration of dental implants. *Expert Rev Med Devices* 2010;7(2):241-56. [Abstract in PubMed](#)

162. Eliasson A, Blomqvist F, Wennerberg A, Johansson A. A retrospective analysis of early and delayed loading of full-arch mandibular prostheses using three different implant systems: clinical results with up to 5 years of loading. *Clin Impl Dent Rel Res* 2009;11(2):134-48. [Abstract in PubMed](#)
163. Ellegaard B, Baelum V, Karring T. Implant therapy in periodontally compromised patients. *Clin Oral Implants Res* 1997;8(3):180-8. ID No. 75060 [Abstract in PubMed](#)
164. Ellegaard B, Baelum V, Kolsen-Petersen J. Non-grafted sinus implants in periodontally compromised patients: a time-to-event analysis. *Clin Oral Implants Res* 2006;17(2):156-64. [Abstract in PubMed](#)
165. Ellegaard B, Kolsen-Petersen J, Baelum V. Implant therapy involving maxillary sinus lift in periodontally compromised patients. *Clin Oral Implants Res* 1997;8(4):305-15. [Abstract in PubMed](#)
166. Ellingsen JE. Pre-treatment of titanium implants with fluoride improves their retention in bone. *J Mater Sci Mater Med* 1995;6:749-53. ID No. 78327
167. Ellingsen JE. On the properties of surface-modified titanium. In: Davies JE, editor. *Bone Engineering*. Toronto: em squared inc. Toronto, Canada; 2000. p. 183-88.
168. Ellingsen JE, Johansson CB, Wennerberg A, Holmén A. Improved retention and bone-to-implant contact with fluoride-modified titanium implants. *Int J Oral Maxillofac Implants* 2004;19(5):659-66. ID No. 78245 [Abstract in PubMed](#)
169. Ellingsen JE, Lyngstadaas SP. Increasing biocompatibility by chemical modification of titanium surfaces. In: Ellingsen JE, Lyngstadaas PS, editors. *Bio-Implant Interface; Improving Biomaterials and Tissue Reactions*. Boca Raton, Florida: CRC Press LLC; 2003. p. 323-40.
170. Elter C, Heuer W, Demling A, Hannig M, Heidenblut T, Stiesch M. Comparative analysis of biofilm formation on dental implant abutments with respect to supra- and subgingival areas: polytetrafluoroethylene versus titanium. *Int J Prosthodont* 2011;24(4):373-5. [Abstract in PubMed](#)
171. Engquist B, Astrand P, Dahlgren S, Engquist E, Feldmann H, Grondahl K. Marginal bone reaction to oral implants: a prospective comparative study of Astra Tech and Branemark System implants. *Clin Oral Implants Res* 2002;13(1):30-7. [Abstract in PubMed](#)
172. Ericsson I, Johansson CB, Bystedt H, Norton MR. A histomorphometric evaluation of bone-to-implant contact on machine-prepared and roughened titanium dental implants. A pilot study in the dog. *Clin Oral Implants Res* 1994;5(4):202-6. [Abstract in PubMed](#)
173. Ericsson I, Lekholm U, Sennerby L, Holmen A. Soft tissue response to clinically contaminated and thereafter cleaned titanium surfaces. An experimental study in the rat. *Clin Oral Implants Res* 2000;11(4):370-3. [Abstract in PubMed](#)
174. Erkapers M, Ekstrand K, Baer RA, Toljanic JA, Thor A. Patient satisfaction following dental implant treatment with immediate loading in the edentulous atrophic maxilla. *Int J Oral Maxillofac Implants* 2011;26(2):356-64. [Abstract in PubMed](#)
175. Erkmen E, Meric G, Kurt A, Tunc Y, Eser A. Biomechanical comparison of implant retained fixed partial dentures with fiber reinforced composite versus conventional metal frameworks: a 3D FEA study. *J Mech Behav Biomed Mater* 2011;4(1):107-16. [Abstract in PubMed](#)
176. Erkut S, Uckan S. Alveolar distraction osteogenesis and implant placement in a severely resorbed maxilla: a clinical report. *J Prosthet Dent* 2006;95(5):340-3. [Abstract in PubMed](#)
177. Erneklint C, Odman P, Ortengren U, Karlsson S. An in vitro load evaluation of a conical implant system with 2 abutment designs and 3 different retaining-screw alloys. *Int J Oral Maxillofac Implants* 2006;21(5):733-7. [Abstract in PubMed](#)
178. Erneklint C, Odman P, Ortengren U, Rasmusson L. Tolerance test of five different types of crowns on single-tooth implants. *Int J Prosthodont* 1998;11(3):233-9. [Abstract in PubMed](#)

179. Esposito M, Grusovin MG, Achille H, Coulthard P, Worthington HV. Interventions for replacing missing teeth: different times for loading dental implants. Cochrane Database Syst Rev 2009(1):CD003878. [Abstract in PubMed](#)
180. Esposito M, Grusovin MG, Chew YS, Coulthard P, Worthington HV. Interventions for replacing missing teeth: 1- versus 2-stage implant placement. Cochrane Database Syst Rev 2009(3):CD006698. [Abstract in PubMed](#)
181. Esposito M, Grusovin MG, Chew YS, Coulthard P, Worthington HV. One-stage versus two-stage implant placement. A Cochrane systematic review of randomised controlled clinical trials. Eur J Oral Implantol 2009;2(2):91-9. [Abstract in PubMed](#)
182. Esposito M, Grusovin MG, Coulthard P, Thomsen P, Worthington HV. A 5-year follow-up comparative analysis of the efficacy of various osseointegrated dental implant systems: a systematic review of randomized controlled clinical trials. Int J Oral Maxillofac Implants 2005;20(4):557-68. [Abstract in PubMed](#)
183. Ettl T, Gerlach T, Schusselbauer T, Gosau M, Reichert TE, Driemel O. Bone resorption and complications in alveolar distraction osteogenesis. Clin Oral Invest 2010;14(5):481-9. [Abstract in PubMed](#)
184. Fandridis J, Papadopoulos T. Surface characterization of three titanium dental implants. Implant Dent 2008;17(1):91-9.
185. Fanuscu MI, Chang TL, Akca K. Effect of surgical techniques on primary implant stability and peri-implant bone. J Oral Maxillofac Surg 2007;65(12):2487-91. [Abstract in PubMed](#)
186. Faria PE, Carvalho AL, de Torres EM, Rasmusson L, Salata LA. Effects of early functional loading on maintenance of free autogenous bone graft and implant osseointegration: an experimental study in dogs. J Oral Maxillofac Surg 2010;68(4):825-32. [Abstract in PubMed](#)
187. Fenlon MR, Lyons A, Farrell S, Bavisha K, Banerjee A, Palmer RM. Factors affecting survival and usefulness of implants placed in vascularized free composite grafts used in post-head and neck cancer reconstruction. Clin Impl Dent Rel Res 2009. [Abstract in PubMed](#)
188. Fermergård R, Astrand P. Osteotome sinus floor elevation without bone grafts - a 3-year retrospective study with Astra Tech implants. Clin Impl Dent Rel Res 2009;E-pub Nov 10, DOI:10.1111/j.1708-8208.2009.00254.x. [Abstract in PubMed](#)
189. Fermergård R, Åstrand P. Osteotome sinus floor elevation and simultaneous placement of implants - A 1-year retrospective study with Astra Tech implants. Clin Impl Dent Rel Res 2008;10(1):62-9. [Abstract in PubMed](#)
190. Ferrus J, Cecchinato D, Pjetursson EB, Lang NP, Sanz M, Lindhe J. Factors influencing ridge alterations following immediate implant placement into extraction sockets. Clin Oral Implants Res 2010;21(1):22-9. [Abstract in PubMed](#)
191. Fischer J, Thoma A, Suter A, Luthy H, Luder HU, Hammerle CH. Misfit of suprastructures on implants processed by electrical discharge machining or the Cresco method. Quintessence Int 2009;40(6):515-22. [Abstract in PubMed](#)
192. Freitas-Junior AC, Almeida EO, Bonfante EA, Silva NR, Coelho PG. Reliability and failure modes of internal conical dental implant connections. Clin Oral Implants Res 2012. [Abstract in PubMed](#)
193. Fujioka M, Kanno T, Mitsugi M, Sukegawa S, Furuki Y. Oral rehabilitation of a maxillectomy defect using bone transport distraction and dental implants. J Oral Maxillofac Surg 2010;68(9):2278-82. [Abstract in PubMed](#)
194. Fukuda M, Iino M, Ohnuki T, Nagai H, Takahashi T. Vertical alveolar distraction osteogenesis with complications in a reconstructed mandible. J Oral Implantol 2003;29(4):185-8. [Abstract in PubMed](#)

195. Fukuda M, Iino M, Yamaoka K, Ohnuki T, Nagai H, Takahashi T. Two-stage distraction osteogenesis for mandibular segmental defect. *J Oral Maxillofac Surg* 2004;62(9):1164-8.
[Abstract in PubMed](#)
196. Fukuda M, Takahashi T, Iino M. Dentoalveolar reconstruction of a missing premaxilla using bone graft and endosteal implants. *J Oral Rehabil* 2003;30(1):87-90. [Abstract in PubMed](#)
197. Fukuda M, Takahashi T, Nagai H, Iino M. Implant-supported edentulous maxillary obturators with milled bar attachments after maxillectomy. *J Oral Maxillofac Surg* 2004;62(7):799-805.
[Abstract in PubMed](#)
198. Funaki K, Takahashi T, Yamuchi K. Horizontal alveolar ridge augmentation using distraction osteogenesis: comparison with a bone-splitting method in a dog model. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2009;107(3):350-8. [Abstract in PubMed](#)
199. Fuster-Torres MA, Albalat-Estela S, Alcaniz-Raya M, Penarrocha-Diago M. CAD/CAM dental systems in implant dentistry: update. *Med Oral Patol Oral Cir Bucal* 2009;14(3):E141-5.
[Abstract in PubMed](#)
200. Galindo-Moreno P, Avila G, Fernandez-Barbero JE, Aguilar M, Sanchez-Fernandez E, Cutando A, Wang HL. Evaluation of sinus floor elevation using a composite bone graft mixture. *Clin Oral Implants Res* 2007;18(3):376-82. [Abstract in PubMed](#)
201. Galindo-Moreno P, Avila G, Fernandez-Barbero JE, Mesa F, O'Valle-Ravassa F, Wang HL. Clinical and histologic comparison of two different composite grafts for sinus augmentation: a pilot clinical trial. *Clin Oral Implants Res* 2008;19(8):755-59. [Abstract in PubMed](#)
202. Galindo-Moreno P, Moreno-Riestra I, Avila G, Fernandez-Barbero JE, et al. Histomorphometric comparison of maxillary pristine bone and composite bone graft biopsies obtained after sinus augmentation. *Clin Oral Implants Res* 2010;21(1):122-8. [Abstract in PubMed](#)
203. Galindo-Moreno P, Moreno-Riestra I, Avila G, Padial-Molina M, Paya JA, Wang HL, O'Valle F. Effect of anorganic bovine bone to autogenous cortical bone ratio upon bone remodeling patterns following maxillary sinus augmentation. *Clin Oral Implants Res* 2011;22(8):857-64.
[Abstract in PubMed](#)
204. Galindo-Moreno P, Nilsson P, King P, Becktor J, Speroni S, Schramm A, Maiorana C. Clinical and radiographic evaluation of early loaded narrow diameter implants - 1-year follow-up. *Clin Oral Implants Res* 2011;E-pub Nov 19 2011, doi: 10.1111/j.1600-0501.2011.02254.x.
[Abstract in PubMed](#)
205. Galindo-Moreno P, Padial-Molina M, Avila G, Hernandez-Cortes P, Wang H. Complications associated with implant migration into the maxillary sinus cavity. *Clin Oral Implants Res* 2011;E-pub 15 Aug 2011, doi: 10.1111/j.1600-0501.2011.02278.x
206. Galindo-Moreno P, Padial-Molina M, Fernandez-Barbero JE, Mesa F, Rodriguez-Martinez D, O'Valle F. Optimal microvessel density from composite graft of autogenous maxillary cortical bone and anorganic bovine bone in sinus augmentation: influence of clinical variables. *Clin Oral Implants Res* 2010;21(2):221-7. [Abstract in PubMed](#)
207. Ganz S. Computer-milled patient-specific abutments: incredibly quality with unprecedented simplicity. *Implantology* 2003;2003:37-44.
208. Ganz S. Finally, a 'win-win' solution: Increasing accuracy while saving time, money with computer-milled abutments. *Dental Economics* 2005;May.
209. Ganz SD. Use of stereolithographic models as diagnostic and restorative aids for predictable immediate loading of implants. *Pract Proced Aesthet Dent* 2003;15(10):763-71; quiz 72.
[Abstract in PubMed](#)
210. Ganz SD. Presurgical planning with CT-derived fabrication of surgical guides. *J Oral Maxillofac Surg* 2005;63(9 Suppl 2):59-71. [Abstract in PubMed](#)

211. Ganz SD. CT-derived model-based surgery for immediate loading of maxillary anterior implants. *Pract Proced Aesthet Dent* 2007;19(5):311-8; quiz 20, 02. [Abstract in PubMed](#)
212. Ganz SD. Computer-aided design/computer-aided manufacturing applications using CT and cone beam CT scanning technology. *Dent Clin North Am* 2008;52(4):777-808, vii. [Abstract in PubMed](#)
213. Ganz SD. Defining new paradigms for assessment of implant receptor sites. The use of CT/CBCT and interactive virtual treatment planning for congenitally missing lateral incisors. *Compend Contin Educ Dent* 2008;29(5):256-8, 60-2, 64-7; quiz 68, 78. [Abstract in PubMed](#)
214. Ganz SD. Defining new paradigms for assessment of implant receptor sites. The use of CT/CBCT and interactive virtual treatment planning for congenitally missing lateral incisors. *Inside Dentistry* 2009;Nov/Dec:2-9.
215. Ganz SD, Desai N, Weiner S. Marginal integrity of direct and indirect castings for implant abutments. *Int J Oral Maxillofac Implants* 2006;21(4):593-9. ID No. 79029 [Abstract in PubMed](#)
216. Garcia-Bellota S, Bravo M, Subira C, Echeverria JJ. Retrospective study of the long-term survival of 980 implants placed in a periodontal practice. *Int J Oral Maxillofac Implants* 2010;25(3):613-9. [Abstract in PubMed](#)
217. Garg AK. The Atlantis Components Abutment: simplifying the tooth implant procedure. *Dent Implantol Update* 2002;13(9):65-70. [Abstract in PubMed](#)
218. Geckili O, Bilhan H, Bilgin T. A 24-week prospective study comparing the stability of titanium dioxide grit-blasted dental implants with and without fluoride treatment. *Int J Oral Maxillofac Implants* 2009;24(4):684-88. ID No. 79232 [Abstract in PubMed](#)
219. Geckili O, Bilhan H, Bilgin T. Impact of mandibular two-implant retained overdentures on life quality in a group of elderly Turkish edentulous patients. *Arch Gerontol Geriatr* 2011;53(2):233-6. [Abstract in PubMed](#)
220. Geckili O, Bilhan H, Cilingir A, Mumcu E, Bural C. A comparative in vitro evaluation of two different magnetic devices detecting the stability of osseointegrated implants. *J Periodontal Res* 2012. [Abstract in PubMed](#)
221. Geckili O, Bilhan H, Mumcu E. Clinical and radiographic evaluation of three-implant-retained mandibular overdentures: a 3-year retrospective study. *Quintessence Int* 2011;42(9):721-8. [Abstract in PubMed](#)
222. Geckili O, Bilhan H, Mumcu E, Bilgin T. Three-year radiologic follow-up of marginal bone loss around titanium dioxide grit-blasted dental implants with and without fluoride treatment. *Int J Oral Maxillofac Implants* 2011;26(2):319-24. [Abstract in PubMed](#)
223. Geckili O, Mumcu E, Bilhan H. Radiographic evaluation of narrow diameter implants after 5 years of clinical function: a retrospective study. *J Oral Implantol* 2011;E-pub Feb 5, 2011 doi: 10.1563/AAID-JOI-D-10-00158.1 [Abstract in PubMed](#)
224. Geckili O, Mumcu E, Bilhan H. The effect of maximum bite force, implant number, and attachment type on marginal bone loss around implants supporting mandibular overdentures: a retrospective study. *Clin Impl Dent Relat Res* 2011;E-pub: Jul 11 2011. doi: 10.1111/j.1708-8208.2011.00370.x. [Abstract in PubMed](#)
225. Godarzi R, Rasmussen L, Dasmah A, Albrektsson T. Effects of implant design and surface on osseointegration. An experimental study in the dog mandible. *Appl Osseointegration Res* 2008;7:58-60. ID No. 79034-USX
226. Goellner M, Schmitt J, Karl M, Wichmann M, Holst S. The effect of axial and oblique loading on the micromovement of dental implants. *Int J Oral Maxillofac Implants* 2011;26(2):257-64. [Abstract in PubMed](#)
227. Gonzalez-Martin O, Lee EA, Veltri M. CBCT fractal dimension changes at the apex of immediate implants placed using undersized drilling. *Clin Oral Implants Res* 2011;E-pub Aug 2. doi: 10.1111/j.1600-0501.2011.02246.x. [Abstract in PubMed](#)

- 228. Goshima K, Lexner MO, Thomsen CE, Miura H, Gotfredsen K, Bakke M. Functional aspects of treatment with implant-supported single crowns: a quality control study in subjects with tooth agenesis. *Clin Oral Implants Res* 2010;21(1):108-14. [Abstract in PubMed](#)
- 229. Gotfredsen K. Implant supported overdentures-the Copenhagen experience. *J Dent* 1997;25 Suppl 1:S39-42. [Abstract in PubMed](#)
- 230. Gotfredsen K. A 5-year prospective study of single-tooth replacements supported by the Astra Tech implant: a pilot study. *Clin Impl Dent Rel Res* 2004;6(1):1-8. ID No. 78273 [Abstract in PubMed](#)
- 231. Gotfredsen K. A 10-year prospective study of single tooth implants placed in the anterior maxilla. *Clin Impl Dent Rel Res* 2009;14(1):80-7. [Abstract in PubMed](#)
- 232. Gotfredsen K, Holm B. Implant-supported mandibular overdentures retained with ball or bar attachments: a randomized prospective 5-year study. *Int J Prosthodont* 2000;13(2):125-30. ID No. 75355 [Abstract in PubMed](#)
- 233. Gotfredsen K, Holm B, Sewerin I, Harder F, Hjorting-Hansen E, Pedersen CS, Christensen K. Marginal tissue response adjacent to Astra Dental Implants supporting overdentures in the mandible. *Clin Oral Implants Res* 1993;4(2):83-9. [Abstract in PubMed](#)
- 234. Gotfredsen K, Karlsson U. A prospective 5-year study of fixed partial prostheses supported by implants with machined and TiO₂-blasted surface. *J Prosthodont* 2001;10(1):2-7. [Abstract in PubMed](#)
- 235. Gotfredsen K, Lindh CH, Berglundh T. Does longstanding nicotine exposure impair bone healing and osseointegration? An experimental study in rabbits. *J Biomed Mater Res B Appl Biomater* 2009;91(2):918-23. [Abstract in PubMed](#)
- 236. Gotfredsen K, Nimb L, Hjorting-Hansen E. Immediate implant placement using a biodegradable barrier, polyhydroxybutyrate-hydroxyvalerate reinforced with polyglactin 910. An experimental study in dogs. *Clin Oral Implants Res* 1994;5(2):83-91. [Abstract in PubMed](#)
- 237. Gotfredsen K, Nimb L, Hjorting-Hansen E, Jensen JS, Holmen A. Histomorphometric and removal torque analysis for TiO₂-blasted titanium implants. An experimental study on dogs. *Clin Oral Implants Res* 1992;3(2):77-84. [Abstract in PubMed](#)
- 238. Gotfredsen K, Warrer K, Hjorting H, Karring T. Effect of membranes and porous hydroxyapatite on healing in bone defects around titanium dental implants. An experimental study in monkeys. *Clin Oral Implants Res* 1991;2(4):172-8. [Abstract in PubMed](#)
- 239. Gotfredsen K, Wennerberg A, Johansson C, Skovgaard LT, Hjorting-Hansen E. Anchorage of TiO₂-blasted, HA-coated, and machined implants: an experimental study with rabbits. *J Biomed Mater Res* 1995;29(10):1223-31. [Abstract in PubMed](#)
- 240. Grigoriadis A, Johansson RS, Trulsson M. Adaptability of mastication in people with implant-supported bridges. *J Clin Periodontol* 2011;38(4):395-404. [Abstract in PubMed](#)
- 241. Guida L, Annunziata M, Rocci A, Contaldo M, Rullo R, Oliva A. Biological response of human bone marrow mesenchymal stem cells to fluoride-modified titanium surfaces. *Clin Oral Implants Res* 2010;21(11):1234-41. [Abstract in PubMed](#)
- 242. Gulje F, Raghoebar GM, Ter Meulen JW, Vissink A, Meijer HJ. Mandibular overdentures supported by 6-mm dental implants: A 1-year prospective cohort study. *Clin Impl Dent Rel Res* 2011;E-pub Jul 13, 2011, doi: 10.1111/j.1708-8208.2011.00358.x. [Abstract in PubMed](#)
- 243. Guo J, Padilla RJ, Ambrose W, De Kok IJ, Cooper LF. The effect of hydrofluoric acid treatment of TiO₂ grit blasted titanium implants on adherent osteoblast gene expression in vitro and in vivo. *Biomaterials* 2007;28(36):5418-25. [Abstract in PubMed](#)
- 244. Guzaitis KL, Knoernschild KL, Viana MA. Effect of repeated screw joint closing and opening cycles on implant prosthetic screw reverse torque and implant and screw thread morphology. *J Prosthet Dent* 2011;106(3):159-69. [Abstract in PubMed](#)

- 245. Gökcen-Röhlig B, Meric U, Keskin H. Clinical and radiographic outcomes of implants immediately placed in fresh extraction sockets. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2010;109(4):1-7. [Abstract in PubMed](#)
- 246. Halldin A, Jimbo R, Johansson CB, Wennerberg A, Jacobsson M, Albrektsson T, Hansson S. The effect of static bone strain on implant stability and bone remodeling. *Bone* 2011;49(4):783-9. [Abstract in PubMed](#)
- 247. Hallman M, Mordenfeld A, Strandkvist T. A retrospective 5-year follow-up study of two different titanium implant surfaces used after interpositional bone grafting for reconstruction of the atrophic edentulous maxilla. *Clin Impl Dent Rel Res* 2005;7(3):121-6. [Abstract in PubMed](#)
- 248. Han JY, Shin SI, Herr Y, Kwon YH, Chung JH. The effects of bone grafting material and a collagen membrane in the ridge splitting technique: an experimental study in dogs. *Clin Oral Implants Res* 2011;e-pub Mar 21, 2011 doi:10.1111/j.1600-0501.2010.02127.x. [Abstract in PubMed](#)
- 249. Hansson S. The implant neck: smooth or provided with retention elements. A biomechanical approach. *Clin Oral Implants Res* 1999;10(5):394-405. ID No. 75194 [Abstract in PubMed](#)
- 250. Hansson S. Implant-abutment interface: biomechanical study of flat top versus conical. *Clin Impl Dent Rel Res* 2000;2(1):33-41. ID No. 75159 [Abstract in PubMed](#)
- 251. Hansson S. Surface roughness parameters as predictors of anchorage strength in bone: a critical analysis. *J Biomech* 2000;33(10):1297-303. [Abstract in PubMed](#)
- 252. Hansson S. A conical implant-abutment interface at the level of the marginal bone improves the distribution of stresses in the supporting bone. An axisymmetric finite element analysis. *Clin Oral Implants Res* 2003;14(3):286-93. ID No. 79030 [Abstract in PubMed](#)
- 253. Hansson S. The dental implant meets bone- a clash of two paradigms. *Appl Osseointegration Res* 2006;5:5-17. ID No. 78448-USX
- 254. Hansson S, Halldin A. Letter to the editor: re: effect of microthreads and platform switching on crestal bone stress levels: a finite element analysis. *J Periodontol* 2009;80(7):1033-5. [Abstract in PubMed](#)
- 255. Hansson S, Löberg J, Mattisson I, Ahlberg E. Characterisation of titanium dental implants. II. Local biomechanical model. *The Open Biomaterials J* 2010;2:36-52.
- 256. Hansson S, Norton M. The relation between surface roughness and interfacial shear strength for bone-anchored implants. A mathematical model. *J Biomech* 1999;32(8):829-36. ID No. 75195 [Abstract in PubMed](#)
- 257. Hansson S, Werke M. The implant thread as a retention element in cortical bone: the effect of thread size and thread profile: a finite element study. *J Biomech* 2003;36(9):1247-58. ID No. 78158 [Abstract in PubMed](#)
- 258. Harder S, Dimaczek B, Acil Y, Terheyden H, Freitag-Wolf S, Kern M. Molecular leakage at implant-abutment connection-in vitro investigation of tightness of internal conical implant-abutment connections against endotoxin penetration. *Clin Oral Investig* 2009;14(4):427-32. [Abstract in PubMed](#)
- 259. Harvey BV. Optimizing the esthetic potential of implant restorations through the use of immediate implants with immediate provisionals. *J Periodontol* 2007;78(4):770-6. [Abstract in PubMed](#)
- 260. Haupt R, Wynne J. Use of precision milling to achieve a passive fit on a lost-wax framework. *Pract Proced Aesthet Dent* 2009;21(4):233-37.
- 261. Hedqvist L, Mattsson T, Hellsten LB. Clinical performance of a method for the fabrication of implant-supported precisely fitting titanium frameworks: a retrospective 5- to 8-year clinical follow-up study. *Clin Impl Dent Rel Res* 2004;6(3):174-80. [Abstract in PubMed](#)

- 262. Helldén L, Ericson G, Elliot A, Fornell J, Holmgren K, Nilner K, Olsson CO. A prospective 5-year multicenter study of the Cresco implantology concept. *Int J Prosthodont* 2003;16(5):554-62. ID No. 78728 [Abstract in PubMed](#)
- 263. Helldén LB, Derand T. Description and evaluation of a simplified method to achieve passive fit between cast titanium frameworks and implants. *Int J Oral Maxillofac Implants* 1998;13(2):190-6. [Abstract in PubMed](#)
- 264. Helldén LB, Derand T, Johansson S, Lindberg A. The CrescoTi Precision method: description of a simplified method to fabricate titanium superstructures with passive fit to osseointegrated implants. *J Prosthet Dent* 1999;82(4):487-91. [Abstract in PubMed](#)
- 265. Helldén LB, Ericson G, Olsson CO. The Cresco Bridge and implant concept: presentation of a technology for fabrication of abutment-free, passively fitting superstructures. *Int J Periodontics Rest Dent* 2005;25(1):89-94. [Abstract in PubMed](#)
- 266. Hibi H, Ueda M. Supraperiosteal transport distraction osteogenesis for reconstructing a segmental defect of the mandible. *J Oral Maxillofac Surg* 2011;69(3):742-6. [Abstract in PubMed](#)
- 267. Hjalmarsson L, Ortorp A, Smedberg JI, Jemt T. Precision of fit to implants: a comparison of Cresco and Procera(R) implant bridge frameworks. *Clin Impl Dent Relat Res* 2010;12(4):271-80. [Abstract in PubMed](#)
- 268. Hjalmarsson L, Smedberg JI. A 3-year retrospective study of Cresco frameworks: preload and complications. *Clin Impl Dent Rel Res* 2005;7(4):189-99. [Abstract in PubMed](#)
- 269. Hjalmarsson L, Smedberg JI, Pettersson M, Jemt T. Implant-level prostheses in the edentulous maxilla: a comparison with conventional abutment-level prostheses after 5 years of use. *Int J Prosthodont* 2011;24(2):158-67. [Abstract in PubMed](#)
- 270. Hjalmarsson L, Smedberg JI, Wennerberg A. Material degradation in implant-retained cobalt-chrome and titanium frameworks. *J Oral Rehabil* 2011;38(1):61-71. [Abstract in PubMed](#)
- 271. Hjerppe J, Lassila LV, Rakkolainen T, Narhi T, Vallittu PK. Load-bearing capacity of custom-made versus prefabricated commercially available zirconia abutments. *Int J Oral Maxillofac Implants* 2011;26(1):132-8. [Abstract in PubMed](#)
- 272. Hofstede TM, Jacob RF. Diagnostic considerations and prosthetic rehabilitation of a cocaine-induced midline destructive lesion: A clinical report. *J Prosthet Dent* 2010;103(1):1-5. [Abstract in PubMed](#)
- 273. Holt LR. A case study: A custom posterior abutment compared with a prefabricated stock abutment. *Inside Dentistry* 2008;Sept:2-3.
- 274. Hosseini M, Gotfredsen K. A feasible, aesthetic quality evaluation of implant-supported single crowns: an analysis of validity and reliability. *Clin Oral Implants Res* 2012;23(4):453-8. [Abstract in PubMed](#)
- 275. Hudieb MI, Wakabayashi N, Kasugai S. Magnitude and direction of mechanical stress at the osseointegrated interface of the microthread implant. *J Periodontol* 2010;E-pub Dec 28, 2010 doi:10.1902/jop.2010.100237. [Abstract in PubMed](#)
- 276. Huynh-Ba G, Pjetursson BE, Sanz M, Cecchinato D, Ferrus J, Lindhe J, Lang NP. Analysis of the socket bone wall dimensions in the upper maxilla in relation to immediate implant placement. *Clin Oral Implants Res* 2010;21(1):37-42. [Abstract in PubMed](#)
- 277. Ikumi N, Tsutsumi S. Assessment of correlation between computerized tomography values of the bone and cutting torque values at implant placement: a clinical study. *Int J Oral Maxillofac Implants* 2005;20(2):253-60. [Abstract in PubMed](#)
- 278. Isa ZM, Schneider GB, Zaharias R, Seabold D, Stanford CM. Effects of fluoride-modified titanium surfaces on osteoblast proliferation and gene expression. *Int J Oral Maxillofac Implants* 2006;21(2):203-11. ID No. 78731 [Abstract in PubMed](#)
- 279. Isidor F. Loss of osseointegration caused by occlusal load of oral implants. A clinical and radiographic study in monkeys. *Clin Oral Implants Res* 1996;7(2):143-52. [Abstract in PubMed](#)

- 280. Isidor F. Clinical probing and radiographic assessment in relation to the histologic bone level at oral implants in monkeys. *Clin Oral Implants Res* 1997;8(4):255-64. [Abstract in PubMed](#)
- 281. Isidor F. Histological evaluation of peri-implant bone at implants subjected to occlusal overload or plaque accumulation. *Clin Oral Implants Res* 1997;8(1):1-9. [Abstract in PubMed](#)
- 282. Iturriaga MT, Ruiz CC. Maxillary sinus reconstruction with calvarium bone grafts and endosseous implants. *J Oral Maxillofac Surg* 2004;62(3):344-7. [Abstract in PubMed](#)
- 283. Ivanoff CJ, Hallgren C, Widmark G, Sennerby L, Wennerberg A. Histologic evaluation of the bone integration of TiO₂ blasted and turned titanium microimplants in humans. *Clin Oral Implants Res* 2001;12(2):128-34. [Abstract in PubMed](#)
- 284. Jacobs R. Preoperative radiologic planning of implant surgery in compromised patients. *Periodontol 2000* 2003;33:12-25. [Abstract in PubMed](#)
- 285. Jacobs R, Pittayapat P, van Steenberghe D, De Mars G, et al. A split-mouth comparative study up to 16 years of two screw-shaped titanium implant systems. *J Clin Periodontol* 2010;37(12):119-127. [Abstract in PubMed](#)
- 286. Jansen VK, Conrads G, Richter EJ. Microbial leakage and marginal fit of the implant-abutment interface. *Int J Oral Maxillofac Implants* 1997;12(4):527-40. [Abstract in PubMed](#)
- 287. Jarmar T, Palmquist A, Branemark R, Hermansson L, Engqvist H, Thomsen P. Characterization of the surface properties of commercially available dental implants using scanning electron microscopy, focused ion beam, and high-resolution transmission electron microscopy. *Clin Impl Dent Rel Res* 2008;10(1):11-22. [Abstract in PubMed](#)
- 288. Jensen J, Brox H, Storhaug K, Ambjørnsen E, Stovne S, Bjornland T. Dental implants in patients with osteogenesis imperfecta: a retrospective and prospective study with review of the literature. *Oral Surgery* 2011;E-pub (e-pub 2011 doi:10.1111/j.1752-248X.2011.01124.x).
- 289. Jeong SM, Choi BH, Li J, Ahn KM, Lee SH, Xuan F. Bone healing around implants following flap and mini-flap surgeries: a radiographic evaluation between stage I and stage II surgery. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2008;105(3):293-6. [Abstract in PubMed](#)
- 290. Jeong SM, Choi BH, Li J, Xuan F. A retrospective study of the effects of sinus membrane elevation on bone formation around implants placed in the maxillary sinus cavity. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2009;107(3):364-8. [Abstract in PubMed](#)
- 291. Johansson CB, Gretzer C, Jimbo R, Mattisson I, Ahlberg E. Enhanced implant integration with hierarchically structured implants: a pilot study in rabbits. *Clin Oral Implants Res* 2011;E-pub 4 Jul 2011, doi: 10.1111/j.1600-0501.2011.02233.x. [Abstract in PubMed](#)
- 292. Johansson LA, Isaksson S, Lindh C, Becktor JP, Sennerby L. Maxillary sinus floor augmentation and simultaneous implant placement using locally harvested autogenous bone chips and bone debris: a prospective clinical study. *J Oral Maxillofac Surg* 2010;68(4):837-44. [Abstract in PubMed](#)
- 293. Jokstad A, Ellner S, Gussgard A. Comparison of two early loading protocols in full arch reconstructions in the edentulous maxilla using the Cresco prosthetic system: a three-arm parallel group randomized-controlled trial. *Clin Oral Implants Res* 2011;22(5):455-63. [Abstract in PubMed](#)
- 294. Jung JH, Choi BH, Jeong SM, Li J, Lee SH, Lee HJ. A retrospective study of the effects on sinus complications of exposing dental implants to the maxillary sinus cavity. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2007;103(5):623-5. [Abstract in PubMed](#)
- 295. Jung RE, Pjetursson BE, Glauser R, Zembic A, Zwahlen M, Lang NP. A systematic review of the 5-year survival and complication rates of implant-supported single crowns. *Clin Oral Implants Res* 2008;19(2):119-30. [Abstract in PubMed](#)
- 296. Junker R, Dimakis A, Thoneick M, Jansen JA. Effects of implant surface coatings and composition on bone integration: a systematic review. *Clin Oral Implants Res* 2009;20 Suppl 4:185-206. [Abstract in PubMed](#)

297. Kahnberg KE. Immediate implant placement in fresh extraction sockets: a clinical report. *Int J Oral Maxillofac Implants* 2009;24(2):282-8. [Abstract in PubMed](#)
298. Kahnberg KE, Wallstrom M, Rasmusson L. Local sinus lift for single-tooth implant. I. Clinical and radiographic follow-up. *Clin Impl Dent Relat Res* 2009;13(3):231-7. [Abstract in PubMed](#)
299. Kahnberg KE, Vannas-Lofqvist L. Sinus lift procedure using a 2-stage surgical technique: I. Clinical and radiographic report up to 5 years. *Int J Oral Maxillofac Implants* 2008;23(5):876-84. [Abstract in PubMed](#)
300. Kahnberg KE, Vannas-Löfqvist L. Maxillary osteotomy with an interpositional bone graft and implants for reconstruction of the severely resorbed maxilla: a clinical report. *Int J Oral Maxillofac Implants* 2005;20(6):938-45. ID No. 78774 [Abstract in PubMed](#)
301. Kainulainen VT, Kainulainen TJ, Oikarinen KS, Carmichael RP, Sandor GK. Performance of six bone collectors designed for dental implant surgery. *Clin Oral Implants Res* 2006;17(3):282-87. [Abstract in PubMed](#)
302. Kamposiora P, Papavasiliou G, Madianos P. Presentation of two cases of immediate restoration of implants in the esthetic region, using facilitate software and guides with stereolithographic model surgery prior to patient surgery. *J Prosthodont* 2012;21(2):130-7. [Abstract in PubMed](#)
303. Kang BS, Sul YT, Oh SJ, Lee HJ, Albrektsson T. XPS, AES and SEM analysis of recent dental implants. *Acta Biomater* 2009;5(6):2222-9. [Abstract in PubMed](#)
304. Kang IH, Kim CW, Lim YJ, Kim MJ. A comparative study on the initial stability of different implants placed above the bone level using resonance frequency analysis. *J Adv Prosthodont* 2011;3(4):190-5. [Abstract in PubMed](#)
305. Kanno T, Milleding P, Wennerberg A. Topography, microhardness, and precision of fit on ready-made zirconia abutment before/after sintering process. *Clin Impl Dent Rel Res* 2007;9(3):156-65. [Abstract in PubMed](#)
306. Karlsson U, Gotfredsen K, Olsson C. Single-tooth replacement by osseointegrated Astra Tech dental implants: a 2-year report. *Int J Prosthodont* 1997;10(4):318-24. ID No. 75067 [Abstract in PubMed](#)
307. Karlsson U, Gotfredsen K, Olsson C. A 2-year report on maxillary and mandibular fixed partial dentures supported by Astra Tech dental implants. A comparison of 2 implants with different surface textures. *Clin Oral Implants Res* 1998;9(4):235-42. [Abstract in PubMed](#)
308. Karring ES, Stavropoulos A, Ellegaard B, Karring T. Treatment of peri-implantitis by the Vector system. *Clin Oral Implants Res* 2005;16(3):288-93. [Abstract in PubMed](#)
309. Kaufmann R, Friedli M, Hug S, Mericske-Stern R. Removable dentures with implant support in strategic positions followed for up to 8 years. *Int J Prosthodont* 2009;22(3):233-41; discussion 42. [Abstract in PubMed](#)
310. Kemppainen P, Eskola S, Ylipaavalniemi P. A comparative prospective clinical study of two single-tooth implants: a preliminary report of 102 implants. *J Prosthet Dent* 1997;77(4):382-7. [Abstract in PubMed](#)
311. Kerstein RB, Castellucci F, Osorio J. Ideal gingival form with computer-generated permanent healing abutments. *Compend Contin Educ Dent* 2000;21(10):793-7, 800-1; quiz 02. [Abstract in PubMed](#)
312. Kerstein RB, Osorio J. Utilizing computer-generated duplicate titanium custom abutments to facilitate intraoral and laboratory implant prosthesis fabrication. *Pract Proced Aesthet Dent* 2003;15(4):311-4. [Abstract in PubMed](#)
313. Kerstein RB, Radke J. A comparison of fabrication precision and mechanical reliability of 2 zirconia implant abutments. *Int J Oral Maxillofac Implants* 2008;23(6):1029-36. ID No. 79174 [Abstract in PubMed](#)

- 314. Khan O, Archibald A, Thomson E, Maharaj P. The role of quantitative single photon emission computerized tomography (SPECT) in the osseous integration process of dental implants. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2000;90(2):228-32. [Abstract in PubMed](#)
- 315. Khatami AH, Toljanic JA, Kleinman A. Mandibular reconstruction with vascularized fibula flap and osseointegrated implants: a clinical report. *J Oral Implantol* 2010;36(5):385-90. [Abstract in PubMed](#)
- 316. Khojasteh A, Baghaban Eslaminejad M, Nazarian H, Morad G, Dashti SG, Behnia H, Stevens M. Vertical bone augmentation with simultaneous implant placement using particulate mineralized bone and mesenchymal stem cells: a preliminary study in rabbit. *J Oral Implantol* 2011;E-pub May 13, 2011. doi: 10.1563/AAID-JOI-D-10-00206. [Abstract in PubMed](#)
- 317. Khouri SB, Thomas L, Walters JD, Sheridan JF, Leblebicioglu B. Early wound healing following one-stage dental implant placement with and without antibiotic prophylaxis: A pilot study. *J Periodontol* 2008;79(10):1904-12. [Abstract in PubMed](#)
- 318. Kim JJ, Lee DW, Kim CK, Park KH, Moon IS. Effect of conical configuration of fixture on the maintenance of marginal bone level: preliminary results at 1 year of function. *Clin Oral Implants Res* 2010;21(4):439-44. [Abstract in PubMed](#)
- 319. Kim JS, Sohn JY, Park JC, Jung UW, et al. Cumulative survival rate of Astra Tech implants: a retrospective analysis. *J Periodontal Implant Sci* 2011;41(2):86-91. [Abstract in PubMed](#)
- 320. Kim TH, Lee DW, Kim CK, Park KH, Moon IS. Influence of early cover screw exposure on crestal bone loss around implants: intraindividual comparison of bone level at exposed and non-exposed implants. *J Periodontol* 2009;80(6):933-9. [Abstract in PubMed](#)
- 321. Klotz MW, Taylor TD, Goldberg AJ. Wear at the titanium-zirconia implant-abutment interface: a pilot study. *Int J Oral Maxillofac Implants* 2011;26(5):970-5. [Abstract in PubMed](#)
- 322. Kois JC, Kan JY. Predictable peri-implant gingival aesthetics: surgical and prosthodontic rationales. *Pract Proced Aesthet Dent* 2001;13(9):691-8; quiz 700, 21-2. [Abstract in PubMed](#)
- 323. Koldslund OC, Scheie AA, Aass AM. Prevalence of implant loss and the influence of associated factors. *J Periodontol* 2009;80(7):1069-75. [Abstract in PubMed](#)
- 324. Koldslund OC, Scheie AA, Aass AM. Prevalence of peri-implantitis related to severity of the disease with different degrees of bone loss. *J Periodontol* 2010;81(2):231-8. [Abstract in PubMed](#)
- 325. Kotsovilis S, Fourmousis I, Karoussis IK, Bamia C. A systematic review and meta-analysis on the effect of implant length on the survival of rough-surface dental implants. *J Periodontol* 2009;80(11):1700-18. [Abstract in PubMed](#)
- 326. Kotsovilis S, Karoussis IK, Trianti M, Fourmousis I. Therapy of peri-implantitis: a systematic review. *J Clin Periodontol* 2008;35(7):621-9. [Abstract in PubMed](#)
- 327. Koutouzis T, Koutouzis G, Tomasi C, Lundgren T. Immediate loading of implants placed with the osteotome technique: One-year prospective case series. *J Periodontol* 2011;82(11):1556-62. [Abstract in PubMed](#)
- 328. Koutouzis T, Lundgren T. Crestal bone-level changes around implants placed in post-extraction sockets augmented with demineralized freeze-dried bone allograft: a retrospective radiographic study. *J Periodontol* 2010;81(10):1441-8. [Abstract in PubMed](#)
- 329. Koutouzis T, Wennstrom JL. Bone level changes at axial- and non-axial-positioned implants supporting fixed partial dentures. A 5-year retrospective longitudinal study. *Clin Oral Implants Res* 2007;18(5):585-90. ID No. 79031 [Abstract in PubMed](#)
- 330. Kriz P, Seydlova M, Dostalova T, Zdenek V, et al. Dental implants and improvement of oral health-related quality of life. *Community Dent Oral Epidemiol* 2012;40(Suppl 1):65-70.
- 331. Kumar VV, Sagheb K, Klein MO, Al-Nawas B, Kann PH, Kammerer PW. Relation between bone quality values from ultrasound transmission velocity and implant stability parameters - an ex vivo study. *Clin Oral Implants Res* 2011;E-pub: 3 Aug 2011 doi: 10.1111/j.1600-0501.2011.02250.x. [Abstract in PubMed](#)

- 332. Kuoppala R, Närpäkangas R, Raustia A. Outcome of implant-supported overdenture treatment - a survey of 58 patients. *Gerodontology* 2012;E-pub February 2012, doi:10.1111/j.1741-2358.2011.00524.x.
- 333. Kurita H, Sakai H, Uehara S, Kurashina K. Dental rehabilitation using an implant-carrying plate system in a severely resorbed edentulous maxilla: a case report. *Int J Oral Maxillofac Implants* 2008;23(1):117-20. [Abstract in PubMed](#)
- 334. Kwon HJ, Lee DW, Park KH, Kim CK, Moon IS. Influence of the tooth- and implant-side marginal bone level on the interproximal papilla dimension in a single implant with a microthread, conical seal, and platform-switched design. *J Periodontol* 2009;80(9):1541-7. [Abstract in PubMed](#)
- 335. Lambert FE, Weber HP, Susarla SM, Belser UC, Gallucci GO. Descriptive analysis of implant and prosthodontic survival rates with fixed implant-supported rehabilitations in the edentulous maxilla. *J Periodontol* 2009;80(8):1220-30. [Abstract in PubMed](#)
- 336. Lamolle SF, Monjo M, Rubert M, Haugen HJ, Lyngstadaas SP, Ellingsen JE. The effect of hydrofluoric acid treatment of titanium surface on nanostructural and chemical changes and the growth of MC3T3-E1 cells. *Biomaterials* 2009;30(5):736-42. [Abstract in PubMed](#)
- 337. Lang NP, Pun L, Lau KY, Li KY, Wong MC. A systematic review on survival and success rates of implants placed immediately into fresh extraction sockets after at least 1 year. *Clin Oral Implants Res* 2012;23 Suppl 5:39-66. [Abstract in PubMed](#)
- 338. Larsson C, Vult von Steyern P. Five-year follow-up of implant-supported Y-TZP and ZTA fixed dental prostheses. A randomized, prospective clinical trial comparing two different material systems. *Int J Prosthodontics* 2010;23(6):555-61.
- 339. Larsson C, Vult von Steyern P, Nilner K. A prospective study of implant-supported full-arch yttria-stabilized tetragonal zirconia polycrystal mandibular fixed dental prostheses: three-year results. *Int J Prosthodont* 2010;23(4):364-9. [Abstract in PubMed](#)
- 340. Larsson C, Vult von Steyern P, Sunzel B, Nilner K. All-ceramic two- to five-unit implant-supported reconstructions. A randomized, prospective clinical trial. *Swed Dent J* 2006;30(2):45-53. [Abstract in PubMed](#)
- 341. Laurell L, Lundgren D. Marginal bone level changes at dental implants after 5 years in function: a meta-analysis. *Clin Implant Dent Relat Res* 2011;13(1):19-28. ID No. 79211 [Abstract in PubMed](#)
- 342. Lavrentiadis G, Yousef H, Luke A, Flinton R. Changes in abutment screw dimensions after off-axis loading of implant-supported crowns: A pilot study. *Implant Dent* 2009;18(5):447-53.
- 343. Lee DJ, Harlow RE, Yuan JC, Sukotjo C, Knoernschild KL, Campbell SD. Three-year clinical outcomes of implant treatments provided at a predoctoral implant program. *Int J Prosthodont* 2011;24(1):71-6. [Abstract in PubMed](#)
- 344. Lee DW, Choi YS, Park KH, Kim CS, Moon IS. Effect of microthread on the maintenance of marginal bone level: a 3-year prospective study. *Clin Oral Implants Res* 2007;18(4):465-70. ID No. 78930 [Abstract in PubMed](#)
- 345. Lee DW, Huh JK, Park KH, Chai JK, Kim CK, Moon IS. Comparison of interproximal soft tissue height for single implants and contra-lateral natural teeth. *Clin Oral Implants Res* 2009;20(12):1320-25. [Abstract in PubMed](#)
- 346. Lee DW, Park KH, Moon IS. Dimension of interproximal soft tissue between adjacent implants in two distinctive implant systems. *J Periodontol* 2006;77(6):1080-4. [Abstract in PubMed](#)
- 347. Lemmerman KJ, Lemmerman NE. Osseointegrated dental implants in private practice: a long-term case series study. *J Periodontol* 2005;76(2):310-9. [Abstract in PubMed](#)
- 348. Lenssen O, Barbier L, De Clercq C. Immediate functional loading of provisional implants in the reconstructed atrophic maxilla: preliminary results of a prospective study after 6 months

- of loading with a provisional bridge. *Int J Oral Maxillofac Surg* 2011;40(9):907-15. [Abstract in PubMed](#)
349. Lajje A, Ozkan YK, Ozkan Y, Vanlioglu B. Stability and marginal bone loss with three types of early loaded implants during the first year after loading. *Int J Oral Maxillofac Implants* 2012;27(1):162-72. [Abstract in PubMed](#)
350. Limbert G, van Lierde C, Muraru OL, Walboomers XF, et al. Trabecular bone strains around a dental implant and associated micromotions--a micro-CT-based three-dimensional finite element study. *J Biomech* 2010;43(7):1251-61. [Abstract in PubMed](#)
351. Lops D, Chiapasco M, Rossi A, Bressan E, Romeo E. Incidence of inter-proximal papilla between a tooth and an adjacent immediate implant placed into a fresh extraction socket: 1-year prospective study. *Clin Oral Implants Res* 2008;19(11):1135-40. ID No. 79132 [Abstract in PubMed](#)
352. Lops D, Mosca D, Muller A, Rossi A, Rozza R, Romeo E. Management of peri-implant soft tissues between tooth and adjacent immediate implant placed into fresh extraction single socket: a one-year prospective study on two different types of implant-abutment connection design. *Minerva Stomatol* 2011;60(9):403-15. [Abstract in PubMed](#)
353. Löberg J, Mattisson I, Hansson S, Ahlberg E. Characterisation of titanium dental implants I: Critical assessment of surface roughness parameters. *The Open Biomaterials J* 2010;2:18-35.
354. Makkonen TA, Holmberg S, Niemi L, Olsson C, Tammisalo T, Peltola J. A 5-year prospective clinical study of Astra Tech dental implants supporting fixed bridges or overdentures in the edentulous mandible. *Clin Oral Implants Res* 1997;8(6):469-75. ID No. 75181 [Abstract in PubMed](#)
355. Martin R. Astra Tech OsseoSpeed™ 3.0S implant. *Inside Dentistry* 2010;6(4):2-4.
356. Masaki C, Schneider GB, Zaharias R, Seabold D, Stanford C. Effects of implant surface microtopography on osteoblast gene expression. *Clin Oral Implants Res* 2005;16(6):650-6. [Abstract in PubMed](#)
357. Masuda T, Salvi GE, Offenbacher S, Felton DA, Cooper LF. Cell and matrix reactions at titanium implants in surgically prepared rat tibiae. *Int J Oral Maxillofac Implants* 1997;12(4):472-85. [Abstract in PubMed](#)
358. Meirelles L, Currie F, Jacobsson M, Albrektsson T, Wennerberg A. The effect of chemical and nanotopographical modifications on the early stages of osseointegration. *Int J Oral Maxillofac Implants* 2008;23(4):641-7. [Abstract in PubMed](#)
359. Mendes R. Computer assisted implant planning - A case report involving severely atrophic edentulous maxillary regions. *Journal of Chinese Clinical Medicine* 2010;5(11):665-7.
360. Mendonca G, Mendonca DB, Aragao FJ, Cooper LF. Advancing dental implant surface technology - From micron- to nanotopography. *Biomaterials* 2008;29(28):3822-35. [Abstract in PubMed](#)
361. Meric G, Erkmen E, Kurt A, Eser A, Ozden AU. Biomechanical comparison of two different collar structured implants supporting 3-unit fixed partial denture: A 3-D FEM study. *Acta Odontol Scand* 2011. [Abstract in PubMed](#)
362. Meric G, Erkmen E, Kurt A, Eser A, Ozden AU. Biomechanical effects of two different collar implant structures on stress distribution under cantilever fixed partial dentures. *Acta Odontol Scand*, E-pub Mar 30, doi: 10.3109/00016357.2011.572287 2011. [Abstract in PubMed](#)
363. Mertens C, Steveling HG. Implant-supported fixed prostheses in the edentulous maxilla: 8-year prospective results. *Clin Oral Implants Res* 2010;22(5):464-72. ID No. 79493 [Abstract in PubMed](#)
364. Mertens C, Steveling HG. Early and immediate loading of titanium implants with fluoride-modified surfaces: results of 5-year prospective study. *Clin Oral Implants Res* 2011;22(12):1354-60. [Abstract in PubMed](#)

365. Mertens C, Steveling HG, Seeberger R, Hoffmann J, Freier K. Reconstruction of severely atrophied alveolar ridges with calvarial onlay bone grafts and dental implants. *Clin Impl Dent Rel Res* 2011;E-pub Oct 20, 2011. doi: 10.1111/j.1708-8208.2011.00390.x. [Abstract in Pubmed](#)
366. Mertens C, Steveling HG, Stucke K, Pretzl B, Meyer-Baumer A. Fixed implant-retained rehabilitation of the edentulous maxilla: 11-year results of a prospective study. *Clin Implant Dent Relat Res* 2012;E-pub: Jan 17 2012. doi 10.1111/j.1708-8208.2011.00434.x. [Abstract in Pubmed](#)
367. Mesimaki K, Lindroos B, Tornwall J, Mauno J, et al. Novel maxillary reconstruction with ectopic bone formation by GMP adipose stem cells. *Int J Oral Maxillofac Surg* 2009;38(3):201-9. [Abstract in Pubmed](#)
368. Michelinakis G, Barclay CW, Smith PW. The influence of interimplant distance and attachment type on the retention characteristics of mandibular overdentures on 2 implants: initial retention values. *Int J Prosthodont* 2006;19(5):507-12. [Abstract in Pubmed](#)
369. Milleding P, Carlen A, Wennerberg A, Karlsson S. Protein characterisation of salivary and plasma biofilms formed in vitro on non-corroded and corroded dental ceramic materials. *Biomaterials* 2001;22(18):2545-55. [Abstract in Pubmed](#)
370. Misch CM. The use of recombinant human bone morphogenetic protein-2 for the repair of extraction socket defects: a technical modification and case series report. *Int J Oral Maxillofac Implants* 2010;25(6):1246-52. [Abstract in Pubmed](#)
371. Misch CM. Bone augmentation of the atrophic posterior mandible for dental implants using rhBMP-2 and titanium mesh: clinical technique and early results. *Int J Periodontics Restorative Dent* 2011;31(6):581-9. [Abstract in Pubmed](#)
372. Mischkowski RA, Zinser MJ, Neugebauer J, Kubler AC, Zoller JE. Comparison of static and dynamic computer-assisted guidance methods in implantology. *Int J Comput Dent* 2006;9(1):23-35. [Abstract in Pubmed](#)
373. Mitsias ME, Silva NR, Pines M, Stappert C, Thompson VP. Reliability and fatigue damage modes of zirconia and titanium abutments. *Int J Prosthodont* 2010;23(1):56-9. [Abstract in PubMed](#)
374. Miyamoto I, Tsuboi Y, Wada E, Suwa H, Iizuka T. Influence of cortical bone thickness and implant length on implant stability at the time of surgery--clinical, prospective, biomechanical, and imaging study. *Bone* 2005;37(6):776-80. [Abstract in PubMed](#)
375. Monjo M, Lamolle SF, Lyngstadaas SP, Ronold HJ, Ellingsen JE. In vivo expression of osteogenic markers and bone mineral density at the surface of fluoride-modified titanium implants. *Biomaterials* 2008;29(28):3771-80. [Abstract in PubMed](#)
376. Moon IS, Berglundh T, Abrahamsson I, Linder E, Lindhe J. The barrier between the keratinized mucosa and the dental implant. An experimental study in the dog. *J Clin Periodontol* 1999;26(10):658-63. ID No. 75158 [Abstract in Pubmed](#)
377. Moscovitch M. Molar restorations supported by 2 implants: an alternative to wide implants. *J Can Dent Assoc* 2001;67(9):535-9. [Abstract in Pubmed](#)
378. Mumcu E, Bilhan H, Cekici A. Marginal bone loss around implants supporting fixed restorations. *J Oral Implantol* 2010;E-pub Aug 16, 2010 doi: 10.1563/AAID-JOI-D-10-00018. [Abstract in Pubmed](#)
379. Mumcu E, Bilhan H, Geckili O. The effect of attachment type and implant number on satisfaction and quality of life of mandibular implant-retained overdenture wearers. *Gerodontology* 2011;E-pub: Jul 4 2011. doi: 10.1111/j.1741-2358.2011.00531.x. [Abstract in Pubmed](#)
380. Murphy WM, Absi EG, Gregory MC, Williams KR. A prospective 5-year study of two cast framework alloys for fixed implant-supported mandibular prostheses. *Int J Prosthodont* 2002;15(2):133-8. [Abstract in Pubmed](#)

- 381. Murphy WM, Barker GR, Gregory MC, Scott J. Experience with the Astra dental implant system. *Dent Update* 1992;19(4):143-6. [Abstract in Pubmed](#)
- 382. Mustafa K, Silva Lopez B, Hultenby K, Wennerberg A, Arvidson K. Attachment and proliferation of human oral fibroblasts to titanium surfaces blasted with TiO₂ particles. A scanning electron microscopic and histomorphometric analysis. *Clin Oral Implants Res* 1998;9(3):195-207. [Abstract in Pubmed](#)
- 383. Nazarian A. Easier implant restoration: CAD/CAM generated implant abutments. *Contemporary Esthetics* 2007;February:44-48.
- 384. Neldam S, Edwards C, Jones R. Switching patients with uncontrolled hypertension on amlodipine 10 mg to single-pill combinations of telmisartan and amlodipine: results of the TEAMSTA-10 study. *Curr Med Res Opin* 2011;27(11):2145-53. [Abstract in Pubmed](#)
- 385. Neldam S, Lang M, Jones R. Telmisartan and amlodipine single-pill combinations vs amlodipine monotherapy for superior blood pressure lowering and improved tolerability in patients with uncontrolled hypertension: results of the TEAMSTA-5 study. *J Clin Hypertens (Greenwich)* 2011;13(7):459-66. [Abstract in Pubmed](#)
- 386. Nikzad S, Azari A. A novel stereolithographic surgical guide template for planning treatment involving a mandibular dental implant. *J Oral Maxillofac Surg* 2008;66(7):1446-54. [Abstract in Pubmed](#)
- 387. Nikzad S, Azari A. Custom-made radiographic template, computed tomography, and computer-assisted flapless surgery for treatment planning in partial edentulous patients: a prospective 12-month study. *J Oral Maxillofac Surg* 2010;68(6):1353-9. [Abstract in Pubmed](#)
- 388. Nisapakultorn K, Suphanantachat S, Silkosessak O, Rattanamongkolgul S. Factors affecting soft tissue level around anterior maxillary single-tooth implants. *Clin Oral Implants Res* 2010;21(6):662-70. [Abstract in Pubmed](#)
- 389. Nkenke E, Stelzle F. Clinical outcomes of sinus floor augmentation for implant placement using autogenous bone or bone substitutes: a systematic review. *Clin Oral Implants Res* 2009;20 Suppl 4:124-33. [Abstract in Pubmed](#)
- 390. Nordin T, Graf J, Frykholm A, Hellden L. Early functional loading of sand-blasted and acid-etched (SLA) Straumann implants following immediate placement in maxillary extraction sockets. Clinical and radiographic result. *Clin Oral Implants Res* 2007;18(4):441-51. [Abstract in Pubmed](#)
- 391. Nordin T, Jonsson G, Nelvig P, Rasmusson L. The use of a conical fixture design for fixed partial prostheses. A preliminary report. *Clin Oral Implants Res* 1998;9(5):343-7. ID No. 75052 [Abstract in Pubmed](#)
- 392. Norton MR. An in vitro evaluation of the strength of an internal conical interface compared to a butt joint interface in implant design. *Clin Oral Implants Res* 1997;8(4):290-8. ID No. 75183 [Abstract in Pubmed](#)
- 393. Norton MR. The Astra Tech Single-Tooth Implant System: a report on 27 consecutively placed and restored implants. *Int J Periodontics Rest Dent* 1997;17(6):574-83. [Abstract in Pubmed](#)
- 394. Norton MR. Marginal bone levels at single tooth implants with a conical fixture design. The influence of surface macro- and microstructure. *Clin Oral Implants Res* 1998;9(2):91-9. [Abstract in Pubmed](#)
- 395. Norton MR. Assessment of cold welding properties of the internal conical interface of two commercially available implant systems. *J Prosthet Dent* 1999;81(2):159-66. [Abstract in Pubmed](#)
- 396. Norton MR. An in vitro evaluation of the strength of a 1-piece and 2-piece conical abutment joint in implant design. *Clin Oral Implants Res* 2000;11(5):458-64. ID No. 75156 [Abstract in Pubmed](#)

- 397. Norton MR. In vitro evaluation of the strength of the conical implant-to-abutment joint in two commercially available implant systems. *J Prosthet Dent* 2000;83(5):567-71. ID No. 75350. [Abstract in Pubmed](#)
- 398. Norton MR. Biologic and mechanical stability of single-tooth implants: 4- to 7-year follow-up. *Clin Impl Dent Rel Res* 2001;3(4):214-20. [Abstract in Pubmed](#)
- 399. Norton MR. A short-term clinical evaluation of immediately restored maxillary TiOblast single-tooth implants. *Int J Oral Maxillofac Implants* 2004;19(2):274-81. ID No. 78173. [Abstract in Pubmed](#)
- 400. Norton MR. Multiple single-tooth implant restorations in the posterior jaws: maintenance of marginal bone levels with reference to the implant-abutment microgap. *Int J Oral Maxillofac Implants* 2006;21(5):777-84. ID No. 78773. [Abstract in Pubmed](#)
- 401. Norton MR. The influence of insertion torque on the survival of immediately placed and restored single-tooth implants. *Int J Oral Maxillofac Implants* 2011;26(6):1333-43. [Abstract in Pubmed](#)
- 402. Norton MR, Ferber C. The nonresilient hybrid removable prosthesis: treatment of choice for the atrophic maxilla. *Int J Periodontics Rest Dent* 1999;19(2):189-97. [Abstract in Pubmed](#)
- 403. Norton MR, Gamble C. Bone classification: an objective scale of bone density using the computerized tomography scan. *Clin Oral Implants Res* 2001;12(1):79-84. [Abstract in Pubmed](#)
- 404. Norton MR, Wilson J. Dental implants placed in extraction sites implanted with bioactive glass: human histology and clinical outcome. *Int J Oral Maxillofac Implants* 2002;17(2):249-57. ID No. 75419. [Abstract in Pubmed](#)
- 405. Nothdurft FP, Doppler KE, Erdelt KJ, Knauber AW, Pospiech PR. Influence of artificial aging on the load-bearing capability of straight or angulated zirconia abutments in implant/tooth-supported fixed partial dentures. *Int J Oral Maxillofac Implants* 2010;25(5):991-8. [Abstract in Pubmed](#)
- 406. Nothdurft FP, Doppler KE, Erdelt KJ, Knauber AW, Pospiech PR. Fracture behavior of straight or angulated zirconia implant abutments supporting anterior single crowns. *Clin Oral Investig* 2011;15(2):157-63. [Abstract in Pubmed](#)
- 407. Olefjord I, Hansson S. Surface analysis of four dental implant systems. *Int J Oral Maxillofac Implants* 1993;8(1):32-40. [Abstract in Pubmed](#)
- 408. Onur MA, Cehreli MC, Tas Z, Sahin S. Effects of machined/turned, TiO₂-blasted and sandblasted/acid-etched titanium oral implant surfaces on nerve conduction: a study on isolated rat sciatic nerves. *J Biomed Mater Res B Appl Biomater* 2003;67(2):772-8. [Abstract in Pubmed](#)
- 409. Ortegon SM, Thompson GA, Agar JR, Taylor TD, Perdikis D. Retention forces of spherical attachments as a function of implant and matrix angulation in mandibular overdentures: an in vitro study. *J Prosthet Dent* 2009;101(4):231-8. [Abstract in Pubmed](#)
- 410. Osorio J. Use of the Atlantis Abutment in restorative practice speeds time to function and aesthetics. [Interview]. *Dent Implantol Update* 2000;11(8):57-62. [Abstract in Pubmed](#)
- 411. O'Sullivan D, Sennerby L, Meredith N. Measurements comparing the initial stability of five designs of dental implants: a human cadaver study. *Clin Impl Dent Rel Res* 2000;2(2):85-92. [Abstract in Pubmed](#)
- 412. Oxby G, Bengtsson J, Busch S, Hedqvist L, Lindqvist J, Moberg P. An alternative method for the fabrication of customised abutments for single tooth replacements. A clinical follow-up after 18 months. *Swed Dent J* 2004;28(1):21-7. [Abstract in Pubmed](#)
- 413. Oxby G, Lindqvist J, Nilsson P. Early loading of Astra Tech OsseoSpeed implants placed in thin alveolar ridges and fresh extraction sockets. *Appl Osseointegration Res* 2006;5:68-72. ID No. 78735

414. Ozdemir E, Lin W-S, Erkut S. Management of interproximal soft tissue with a resin-bonded prosthesis after immediate implant placement: A clinical report. *J Prosthet Dent* 2012;107(1):7-10. [Abstract in Pubmed](#)
415. Packer M, Nikitin V, Coward T, Davis DM, Fiske J. The potential benefits of dental implants on the oral health quality of life of people with Parkinson's disease. *Gerodontology* 2009;26(1):11-8. [Abstract in Pubmed](#)
416. Palmer RM, Farkondeh N, Palmer PJ, Wilson RF. Astra Tech single-tooth implants: an audit of patient satisfaction and soft tissue form. *J Clin Periodontol* 2007;34(7):633-8. ID No. 78941 [Abstract in Pubmed](#)
417. Palmer RM, Howe LC, Palmer PJ. A prospective 3-year study of fixed bridges linking Astra Tech ST implants to natural teeth. *Clin Oral Implants Res* 2005;16(3):302-7. ID No. 78300 [Abstract in Pubmed](#)
418. Palmer RM, Howe LC, Palmer PJ, Wilson R. A prospective clinical trial of single Astra Tech 4.0 or 5.0 diameter implants used to support two-unit cantilever bridges: results after 3 years. *Clin Oral Implants Res* 2012;23(1):35-40. [Abstract in Pubmed](#)
419. Palmer RM, Palmer PJ, Smith BJ. A 5-year prospective study of Astra single tooth implants. *Clin Oral Implants Res* 2000;11(2):179-82. ID No. 75352 [Abstract in Pubmed](#)
420. Palmer RM, Smith BJ, Palmer PJ, Floyd PD. A prospective study of Astra single tooth implants. *Clin Oral Implants Res* 1997;8(3):173-9. ID No. 75182 [Abstract in Pubmed](#)
421. Pansick E, Attanasi R. Atlantis™ patient-specific abutments. *Inside Dentistry* 2010;6(6):1-3.
422. Paranque AR, Steve M, Vazquez L, Bolleyn A, Roze-Pellat MA, Dohan Ehrenfest D. Esthetic and functional reconstruction of the post-tumoral interrupted mandible with double-barrel fibular free flap graft: rationale for a prosthodontic approach. *J Oral Implantol* 2010;37(5):571-77. [Abstract in Pubmed](#)
423. Parel SM, Triplett RG. Interactive imaging for implant planning, placement, and prosthesis construction. *J Oral Maxillofac Surg* 2004;62(9 Suppl 2):41-7. [Abstract in Pubmed](#)
424. Park C, Raigrodski AJ, Rosen J, Spiekerman C, London RM. Accuracy of implant placement using precision surgical guides with varying occlusogingival heights: an in vitro study. *J Prosthet Dent* 2009;101(6):372-81. [Abstract in Pubmed](#)
425. Park J, Kim JC, Kim YT, Choi S, et al. Acquisition of human alveolar bone-derived stromal cells using minimally irrigated implant osteotomy: in vitro and in vivo evaluations. *Implant Dentistry* 2012;Accepted article, doi: 10.1111/j.1600-051X.2012.01865.x.
426. Patel RD, Kan JY, Jonsson LB, Rungcharassaeng K. The use of a dental surgical microscope to aid retrieval of a fractured implant abutment screw: a clinical report. *J Prosthodont* 2010;19(8):630-3. [Abstract in Pubmed](#)
427. Petersson IU, Loberg JE, Fredriksson AS, Ahlberg EK. Semi-conducting properties of titanium dioxide surfaces on titanium implants. *Biomaterials* 2009;30(27):4471-79. [Abstract in Pubmed](#)
428. Petruccaro P, Smilanich M, Jimenez E. Use of ceramic abutments in the esthetic zone to enhance implant esthetics. *Inside Dentistry* 2007;February:2-5.
429. Pieri F, Aldini NN, Fini M, Marchetti C, Corinaldesi G. Immediate fixed implant rehabilitation of the atrophic edentulous maxilla after bilateral sinus floor augmentation: a 12-month pilot study. *Clin Impl Dent Relat Res* 2011;E-pub: Jul 11 2011. doi: 10.1111/j.1708-8208.2011.00360.x. [Abstract in Pubmed](#)
430. Pieri F, Aldini NN, Fini M, Marchetti C, Corinaldesi G. Rehabilitation of the atrophic posterior maxilla using short implants or sinus augmentation with simultaneous standard-length implant placement: A 3-year randomized clinical trial. *Clin Implant Dent Relat Res* 2012;E-pub March 17 2012, doi:10.1111/j.1708-8208.2012.00451.x. [Abstract in Pubmed](#)

431. Piermatti J, Yousef H, Luke A, Mahevich R, Weiner S. An in vitro analysis of implant screw torque loss with external hex and internal connection implant systems. *Implant Dent* 2006;15(4):427-35. [Abstract in Pubmed](#)
432. Piero B, Mario V, Niccolo N, Marco F. Implant placement in combination with sinus membrane elevation without biomaterials: A 1-year study on 15 patients. *Clin Impl Dent Relat Res* 2010;E-pub Dec 2010, DOI: 10.1111/j.1708-8208.2010.00318.x. [Abstract in Pubmed](#)
433. Pinholt EM. Surface engineered dental implant insertion in conjunction with bilateral inferior mandibular nerve transposition - a case report. *Appl Osseointegration Res* 2006;5:59-61. ID No. 78448-USX
434. Pjetursson BE, Bragger U, Lang NP, Zwahlen M. Comparison of survival and complication rates of tooth-supported fixed dental prostheses (FDPs) and implant-supported FDPs and single crowns (SCs). *Clin Oral Implants Res* 2007;18 Suppl 3:97-113. [Abstract in Pubmed](#)
435. Pjetursson BE, Tan K, Lang NP, Bragger U, Egger M, Zwahlen M. A systematic review of the survival and complication rates of fixed partial dentures (FPDs) after an observation period of at least 5 years. *Clin Oral Implants Res* 2004;15(6):667-76. [Abstract in Pubmed](#)
436. Ponsi J, Lahti S, Rissanen H, Oikarinen K. Change in subjective oral health after single dental implant treatment. *Int J Oral Maxillofac Implants* 2011;26(3):571-7. [Abstract in Pubmed](#)
437. Possamai V, Scott A, Neil W. Bone pate collection: a simple solution. *Clin Otolaryngol* 2008;33(2):199. [Abstract in Pubmed](#)
438. Priest G. Virtual-designed and computer-milled implant abutments. *J Oral Maxillofac Surg* 2005;63(9 Suppl 2):22-32. [Abstract in Pubmed](#)
439. Puchades-Roman L, Palmer RM, Palmer PJ, Howe LC, Ide M, Wilson RF. A clinical, radiographic, and microbiologic comparison of Astra Tech and Bränemark single tooth implants. *Clin Impl Dent Rel Res* 2000;2(2):78-84. ID No. 75354 [Abstract in Pubmed](#)
440. Quirynen M, Bollen CM, Willems G, van Steenberghe D. Comparison of surface characteristics of six commercially pure titanium abutments. *Int J Oral Maxillofac Implants* 1994;9(1):71-6. [Abstract in Pubmed](#)
441. Raes F, Cooper LF, Tarrida LG, Vandromme H, De Bruyn H. A case-control study assessing oral-health-related quality of life after immediately loaded single implants in healed alveolar ridges or extraction sockets. *Clin Oral Implants Res* 2011;E-pub April 19, 2011 doi: 10.1111/j.1600-0501.2011.02178.x. [Abstract in Pubmed](#)
442. Raes F, Cosyn J, Crommelinck E, Coessens P, De Bruyn H. Immediate and conventional single implant treatment in the anterior maxilla: 1-year results of a case series on hard and soft tissue response and aesthetics. *J Clin Periodontol* 2011;38(4):385-94. [Abstract in Pubmed](#)
443. Raes F, Cosyn J, De Bruyn H. Clinical, Aesthetic, and Patient-Related Outcome of Immediately Loaded Single Implants in the Anterior Maxilla: A Prospective Study in Extraction Sockets, Healed Ridges, and Grafted Sites. *Clin Implant Dent Relat Res* 2012. [Abstract in Pubmed](#)
444. Raes F, Renckens L, Aps J, Cosyn J, De Bruyn H. Reliability of Circumferential Bone Level Assessment around Single Implants in Healed Ridges and Extraction Sockets Using Cone Beam CT. *Clin Implant Dent Relat Res* 2011. [Abstract in Pubmed](#)
445. Rashedi B, Cooper L. Immediate loading of implants in edentulous mandible maintaining vertical dimension: A clinical report. *J Prosthet Dent* 2004;91(2):114-8. [Abstract in Pubmed](#)
446. Rasmusson L, Kahnberg KE, Tan A. Effects of implant design and surface on bone regeneration and implant stability: an experimental study in the dog mandible. *Clin Impl Dent Rel Res* 2001;3(1):2-8. ID No. 75411 [Abstract in Pubmed](#)
447. Rasmusson L, Roos J, Bystedt H. A 10-year follow-up study of titanium dioxide-blasted implants. *Clin Impl Dent Rel Res* 2005;7(1):36-42. ID No. 78272 [Abstract in Pubmed](#)

448. Rasmusson L, Thor A, Sennerby L. Stability evaluation of implants integrated in grafted and nongrafted maxillary bone: a clinical study from implant placement to abutment connection. *Clin Implant Dent Relat Res* 2012;14(1):61-6. [Abstract in Pubmed](#)
449. Razavi T, Palmer RM, Davies J, Wilson R, Palmer PJ. Accuracy of measuring the cortical bone thickness adjacent to dental implants using cone beam computed tomography. *Clin Oral Implants Res* 2010;21(7):718-25. [Abstract in Pubmed](#)
450. Renvert S, Lindahl C, Renvert H, Persson GR. Clinical and microbiological analysis of subjects treated with Bränemark or AstraTech implants: a 7-year follow-up study. *Clin Oral Implants Res* 2008;19(4):342-7. [Abstract in Pubmed](#)
451. Renvert S, Polyzois I, Claffey N. How do implant surface characteristics influence peri-implant disease? *J Clin Periodontol* 2011;38 Suppl 11:214-22. [Abstract in Pubmed](#)
452. Rismanchian M, Fazel A, Rakhshan V, Eblaghian G. One-year clinical and radiographic assessment of fluoride-enhanced implants on immediate non-functional loading in posterior maxilla and mandible: a pilot prospective clinical series study. *Clin Oral Implants Res* 2011;22(12):1440-5. [Abstract in Pubmed](#)
453. Rocci M, Rocci A, Martignoni M, Albrektsson T. A comparative study of TiOblast and OsseoSpeed implants retrieved from humans. *Appl Osseointegration Res* 2008;7:26-30. ID No. 79034-USX
454. Rodriguez A, Anastassov GE, Lee H, Buchbinder D, Wettan H. Maxillary sinus augmentation with deproteinized bovine bone and platelet rich plasma with simultaneous insertion of endosseous implants. *J Oral Maxillofac Surg* 2003;61(2):157-63. [Abstract in Pubmed](#)
455. Rodriguez-Argueta OF, Figueiredo R, Valmaseda-Castellon E, Gay-Escoda C. Postoperative Complications in Smoking Patients Treated With Implants: A Retrospective Study. *J Oral Maxillofac Surg* 2011;E-pub Jun 13, 2011. doi:10.1016/j.joms.2011.02.082. [Abstract in Pubmed](#)
456. Roe P, Kan JY, Rungcharassaeng K, Lozada JL. Immediate loading of unsplinted implants in the anterior mandible for overdentures: 3-year results. *Int J Oral Maxillofac Implants* 2011;26(6):1296-302. [Abstract in Pubmed](#)
457. Roe P, Kan JY, Rungcharassaeng K, Lozada JL, Kleinman AS, Goodacre CJ, Chen JW. Immediate loading of unsplinted implants in the anterior mandible for overdentures: a case series. *Int J Oral Maxillofac Implants* 2010;25(5):1028-35. [Abstract in Pubmed](#)
458. Rojas-Vizcaya F. Full zirconia fixed detachable implant-retained restorations manufactured from monolithic zirconia: clinical report after two years in service. *J Prosthodont* 2011;20(7):570-6. [Abstract in Pubmed](#)
459. Ronold HJ, Ellingsen JE. Effect of micro-roughness produced by TiO₂ blasting--tensile testing of bone attachment by using coin-shaped implants. *Biomaterials* 2002;23(21):4211-9. [Abstract in Pubmed](#)
460. Ronold HJ, Ellingsen JE. The use of a coin shaped implant for direct *in situ* measurement of attachment strength for osseointegrating biomaterial surfaces. *Biomaterials* 2002;23(10):2201-9. [Abstract in Pubmed](#)
461. Roos-Jansaker AM, Renvert H, Lindahl C, Renvert S. Surgical treatment of peri-implantitis using a bone substitute with or without a resorbable membrane: a prospective cohort study. *J Clin Periodontol* 2007;34(7):625-32. [Abstract in Pubmed](#)
462. Rosenfeld AL, Mandelaris GA, Tardieu PB. Prosthetically directed implant placement using computer software to ensure precise placement and predictable prosthetic outcomes. Part 3: stereolithographic drilling guides that do not require bone exposure and the immediate delivery of teeth. *Int J Periodontics Rest Dent* 2006;26(5):493-9. [Abstract in Pubmed](#)
463. Rosenfeld AL, Mandelaris GA, Tardieu PB. Prosthetically directed implant placement using computer software to ensure precise placement and predictable prosthetic outcomes. Part 2: rapid-prototype medical modeling and stereolithographic drilling guides requiring bone exposure. *Int J Periodontics Rest Dent* 2006;26(4):347-53. [Abstract in Pubmed](#)

464. Rosenfeld AL, Mandelaris GA, Tardieu PB. Prosthetically directed implant placement using computer software to ensure precise placement and predictable prosthetic outcomes. Part 1: diagnostics, imaging, and collaborative accountability. *Int J Periodontics Rest Dent* 2006;26(3):215-21. [Abstract in Pubmed](#)
465. Rotenberg SA, Tatakis DN. Recombinant human bone morphogenetic protein-2 for peri-implant bone regeneration. A case report. *J Periodontol* 2011. [Abstract in Pubmed](#)
466. Rupp F, Scheideler L, Eichler M, Geis-Gerstorfer J. Wetting behavior of dental implants. *Int J Oral Maxillofac Implants* 2011;26(6):1256-66. [Abstract in Pubmed](#)
467. Saab XE, Griggs JA, Powers JM, Engelmeier RL. Effect of abutment angulation on the strain on the bone around an implant in the anterior maxilla: a finite element study. *J Prosthet Dent* 2007;97(2):85-92. [Abstract in Pubmed](#)
468. Sakka S, Al-ani Z, Kasioumis T, Worthington H, Coulthard P. Inter-examiner and intra-examiner reliability of the measurement of marginal bone loss around oral implants. *Implant Dent* 2005;14(4):386-8. [Abstract in Pubmed](#)
469. Sani E, Veltri M, Cagidiaco MC, Balleri P, Ferrari M. Sinus membrane elevation in combination with placement of blasted implants: A 3-year case report of sinus augmentation without grafting material. *Int J Oral Maxillofac Surg* 2008;37(10):966-69. [Abstract in Pubmed](#)
470. Sanz M, Cecchinato D, Ferrus J, Pjetursson EB, Lang NP, Lindhe J. A prospective, randomized-controlled clinical trial to evaluate bone preservation using implants with different geometry placed into extraction sockets in the maxilla. *Clin Oral Implants Res* 2010;21(1):13-21. ID No. 79341 [Abstract in Pubmed](#)
471. Sarment DP, Sukovic P, Clinthorne N. Accuracy of implant placement with a stereolithographic surgical guide. *Int J Oral Maxillofac Implants* 2003;18(4):571-7. [Abstract in Pubmed](#)
472. Sawase T, Wennerberg A, Hallgren C, Albrektsson T, Baba K. Chemical and topographical surface analysis of five different implant abutments. *Clin Oral Implants Res* 2000;11(1):44-50. [Abstract in Pubmed](#)
473. Sawase T, Wennerberg A, Hallgren C, Miyamoto I, Albrektsson T. Atomic force microscopic study of commercially available implant abutments. *Clin Impl Dent Rel Res* 1999;1(2):92-7. [Abstract in Pubmed](#)
474. Schliephake H, Rodiger M, Phillips K, McGlumphy EA, Chacon GE, Larsen P. Early loading of surface modified implants in the posterior mandible - 5 year results of an open prospective non-controlled study. *J Clin Periodontol* 2012;39 (2):188-95. ID No. 79559 [Abstract in Pubmed](#)
475. Schmitt J, Holst S, Eitner S, Schlegel A, Wichmann M, Hamel J. Prosthetic screw detorque values in implants retained as cast bar superstructures or bars modified by the Cresco Ti Precision technique--a comparative in vivo study. *Int J Prosthodont* 2009;22(2):193-200. [Abstract in Pubmed](#)
476. Schneider A, Kurtzman GM. Computerized milled solid implant abutments utilized at second stage surgery. *Gen Dent* 2001;49(4):416-20. [Abstract in Pubmed](#)
477. Schneider D, Marquardt P, Zwahlen M, Jung RE. A systematic review on the accuracy and the clinical outcome of computer-guided template-based implant dentistry. *Clin Oral Implants Res* 2009;20 Suppl 4:73-86. [Abstract in Pubmed](#)
478. Schou S. Implant treatment in periodontitis-susceptible patients: a systematic review. *J Oral Rehabil* 2008;35 Suppl 1:9-22. [Abstract in Pubmed](#)
479. Schou S, Holmstrup P, Stoltze K, Hjorting-Hansen E, Fiehn NE, Skovgaard LT. Probing around implants and teeth with healthy or inflamed peri-implant mucosa/gingiva. A histologic comparison in cynomolgus monkeys (*Macaca fascicularis*). *Clin Oral Implants Res* 2002;13(2):113-26. [Abstract in Pubmed](#)

480. Schrottenboer J, Tsao YP, Kinariwala V, Wang HL. Effect of microthreads and platform switching on crestal bone stress levels: a finite element analysis. *J Periodontol* 2008;79(11):2166-72.
481. Schultze-Mosgau S, Keweloh M, Wiltfang J, Kessler P, Neukam FW. Histomorphometric and densitometric changes in bone volume and structure after avascular bone grafting in the extremely atrophic maxilla. *Br J Oral Maxillofac Surg* 2001;39(6):439-47. [Abstract in Pubmed](#)
482. Semper W, Heberer S, Mehrhof J, Schink T, Nelson K. Effects of repeated manual disassembly and reassembly on the positional stability of various implant-abutment complexes: an experimental study. *Int J Oral Maxillofac Implants* 2010;25(1):86-94. [Abstract in Pubmed](#)
483. Semper W, Kraft S, Kruger T, Nelson K. Theoretical optimum of implant positional index design. *J Dent Res* 2009;88(8):731-5. [Abstract in Pubmed](#)
484. Semper W, Kraft S, Kruger T, Nelson K. Theoretical considerations: implant positional index design. *J Dent Res* 2009;88(8):725-30. [Abstract in Pubmed](#)
485. Serino G, Turri A. Outcome of surgical treatment of peri-implantitis: results from a 2-year prospective clinical study in humans. *Clin Oral Implants Res* 2011;22(11):1214-20. [Abstract in Pubmed](#)
486. Sesemann MR. A visual essay. Maxillary arch reconstruction utilizing CAD/CAM Atlantis abutments. *Pract Proced Aesthet Dent* 2008;20(7):397-9. [Abstract in Pubmed](#)
487. Sewerin IP, Gotfredsen K, Stoltze K. Accuracy of radiographic diagnosis of peri-implant radiolucencies--an in vitro experiment. *Clin Oral Implants Res* 1997;8(4):299-304. [Abstract in Pubmed](#)
488. Simonpieri A, Choukroun J, Del Corso M, Sammartino G, Dohan Ehrenfest DM. Simultaneous sinus-lift and implantation using microthreaded implants and leukocyte- and platelet-rich fibrin as sole grafting material: a six-year experience. *Implant Dent* 2011;20(1):2-12. [Abstract in Pubmed](#)
489. Simonpieri A, Del Corso M, Sammartino G, Dohan Ehrenfest DM. The relevance of Choukroun's platelet-rich fibrin and metronidazole during complex maxillary rehabilitations using bone allograft. Part II: implant surgery, prosthodontics, and survival. *Implant Dent* 2009;18(3):220-9. [Abstract in Pubmed](#)
490. Sivolella S, Bressan E, Gnocco E, Berengo M, Favero GA. Maxillary sinus augmentation with bovine bone and simultaneous dental implant placement in conditions of severe alveolar atrophy: a retrospective analysis of a consecutively treated case series. *Quintessence Int* 2011;42(10):851-62. [Abstract in Pubmed](#)
491. Smolka W, Smolka K. Tertiary bone grafting using calvarial bone transplants in patients with cleft lip and alveolus. *Oral Surgery* 2011;E-pub: 2011, doi:10.1111/j.1752-248X.2011.01122.x.
492. Soncini M, Rodriguez y Baena R, Pietrabissa R, Quaglini V, Rizzo S, Zaffe D. Experimental procedure for the evaluation of the mechanical properties of the bone surrounding dental implants. *Biomaterials* 2002;23(1):9-17. [Abstract in Pubmed](#)
493. Spyrou P, Papaioannou S, Hampson G, Brady K, Palmer RM, McDonald F. Cytokine release by osteoblast-like cells cultured on implant discs of varying alloy compositions. *Clin Oral Implants Res* 2002;13(6):623-30. [Abstract in Pubmed](#)
494. Stanford C, Johnson G, Fakhry A, Aquilino S, Gratton D, Reinke M, Asmussen C. Three year post-loading outcomes with MicroThread OsseoSpeed dental implants placed in the posterior-maxilla. *Appl Osseointegration Res* 2008;7:49-57. ID No. 79173
495. Stanford C, Johnson G, Fakhry A, Gartton D, Mellonig J, Wagner W. Outcomes of a fluoride modified implant one year after loading in the posterior-maxilla when placed with the osteotome surgical technique. *Appl Osseointegration Res* 2006;5:50-55. ID No. 78448-USX

496. Stanford C, Schneider GB, Masaki C, Zaharias R, Seabold D, Eckdahl J, Di Paola G. Effects of fluoride-modified titanium dioxide grit blasted implant surfaces on platelet activation and osteoblast differentiation. *Appl Osseointegration Res* 2006;5:24-30. ID No. 78448-USX
497. Stanford CM, Wagner W, Rodriguez YBR, Norton M, McGlumphy E, Schmidt J. Evaluation of the effectiveness of dental implant therapy in a practice-based network (FOCUS). *Int J Oral Maxillofac Implants* 2010;25(2):367-73. [Abstract in Pubmed](#)
498. Steveling H, Roos J, Rasmusson L. Maxillary implants loaded at 3 months after insertion: results with Astra Tech implants after up to 5 years. *Clin Impl Dent Rel Res* 2001;3(3):120-4. ID No. 75414 [Abstract in Pubmed](#)
499. Stoppie N, Pattijn V, Van Cleynenbreugel T, Wevers M, Vander Sloten J, Ignace N. Structural and radiological parameters for the characterization of jawbone. *Clin Oral Implants Res* 2006;17(2):124-33. [Abstract in Pubmed](#)
500. Störe G, Heyden A, Walaas L. Osseointegration surgery and implant stability in irradiated mandibles. *Oral Surgery* 2011;4:65-72.
501. Sul YT, Jonsson J, Yoon GS, Johansson C. Resonance frequency measurements in vivo and related surface properties of magnesium-incorporated, micropatterned and magnesium-incorporated TiUnite, Osseotite, SLA and TiOblast implants. *Clin Oral Implants Res* 2009;20(10):1146-55. [Abstract in Pubmed](#)
502. Sumi T, Braian M, Shimada N, Shibata N, et al. Characteristics of implant-CAD/CAM abutment connections of two different internal connection systems. *Journal of Oral Rehabilitation* 2011;E-pub: 19 dec 2011. DOI: 10.1111/j.1365-2842.2011.02273.x. [Abstract in Pubmed](#)
503. Svanborg LM, Andersson M, Wennerberg A. Surface characterization of commercial oral implants on the nanometer level. *J Biomed Mater Res B Appl Biomater* 2010;92(2):462-9. [Abstract in Pubmed](#)
504. Takahashi T, Fukuda M, Aiba T, Funaki K, Ohnuki T, Kondoh T. Distraction osteogenesis for reconstruction after mandibular segmental resection. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2002;93(1):21-6. [Abstract in Pubmed](#)
505. Takahashi T, Funaki K, Shintani H, Haruoka T. Use of horizontal alveolar distraction osteogenesis for implant placement in a narrow alveolar ridge: a case report. *Int J Oral Maxillofac Implants* 2004;19(2):291-4. [Abstract in Pubmed](#)
506. Tanimura R. Widened implant indications. *EDI Journal* 2010;1:90-2.
507. Tardieu PB, Vrielinck L, Escolano E, Henne M, Tardieu AL. Computer-assisted implant placement: scan template, simplant, surgiguide, and SAFE system. *Int J Periodontics Rest Dent* 2007;27(2):141-9. ID No. 79033
508. Tarica DY, Alvarado VM, Truong ST. Survey of United States dental schools on cementation protocols for implant crown restorations. *J Prosthet Dent* 2010;103(2):68-79. [Abstract in Pubmed](#)
509. Tarnow DP, Emtiaz S, Classi A. Immediate loading of threaded implants at stage 1 surgery in edentulous arches: ten consecutive case reports with 1- to 5-year data. *Int J Oral Maxillofac Implants* 1997;12(3):319-24. [Abstract in Pubmed](#)
510. Teigen K, Jokstad A. Dental implant suprastructures using cobalt-chromium alloy compared with gold alloy framework veneered with ceramic or acrylic resin: a retrospective cohort study up to 18 years. *Clin Oral Implants Res* 2011;E-pub Jun 21 2011. doi: 10.1111/j.1600-0501.2011.02211.x. [Abstract in Pubmed](#)
511. Testori T, Del Fabbro M, Capelli M, Zuffetti F, Francetti L, Weinstein RL. Immediate occlusal loading and tilted implants for the rehabilitation of the atrophic edentulous maxilla: 1-year interim results of a multicenter prospective study. *Clin Oral Implants Res* 2008;19(3):227-32. [Abstract in Pubmed](#)

- 512. Teughels W, Merheb J, Quirynen M. Critical horizontal dimensions of interproximal and buccal bone around implants for optimal aesthetic outcomes: a systematic review. *Clin Oral Implants Res* 2009;20 Suppl 4:134-45. [Abstract in Pubmed](#)
- 513. Tezulas E, Dilek OC, Topcuoglu N, Kulekci G. Decontamination of autogenous bone grafts collected during dental implant site preparation: a pilot study. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2009;107(5):656-60. [Abstract in Pubmed](#)
- 514. Theoharidou A, Petridis HP, Tzannas K, Garefis P. Abutment screw loosening in single-implant restorations: a systematic review. *Int J Oral Maxillofac Implants* 2008;23(4):681-90. [Abstract in Pubmed](#)
- 515. Thor A. Reconstruction of the anterior maxilla with platelet gel, autogenous bone, and titanium mesh: a case report. *Clin Impl Dent Rel Res* 2002;4(3):150-5. [Abstract in Pubmed](#)
- 516. Thor A. TiOblast and OsseoSpeed implant in sinus lift surgery. *Appl Osseointegration Res* 2008;7:17-25. ID No. 79034-USX
- 517. Thor A, Franke-Stenport V, Johansson CB, Rasmusson L. Early bone formation in human bone grafts treated with platelet-rich plasma: preliminary histomorphometric results. *Int J Oral Maxillofac Surg* 2007;36(12):1164-71. [Abstract in Pubmed](#)
- 518. Thor A, Rasmusson L, Wennerberg A, Thomsen P, Hirsch JM, Nilsson B, Hong J. The role of whole blood in thrombin generation in contact with various titanium surfaces. *Biomaterials* 2007;28(6):966-74. ID No. 78908
- 519. Thor A, Sennerby L, Hirsch JM, Rasmusson L. Bone formation at the maxillary sinus floor following simultaneous elevation of the mucosal lining and implant installation without graft material: an evaluation of 20 patients treated with 44 Astra Tech implants. *J Oral Maxillofac Surg* 2007;65(7 Suppl 1):64-72. ID No. 78929 [Abstract in Pubmed](#)
- 520. Thor A, Wannfors K, Sennerby L, Rasmusson L. Reconstruction of the severely resorbed maxilla with autogenous bone, platelet-rich plasma, and implants: 1-year results of a controlled prospective 5-year study. *Clin Impl Dent Rel Res* 2005;7(4):209-20. ID No. 79032 [Abstract in Pubmed](#)
- 521. Thor A, Warfvinge G, Fernandes R. The course of a long-standing glandular odontogenic cyst: marginal resection and reconstruction with particulated bone graft, platelet-rich plasma, and additional vertical alveolar distraction. *J Oral Maxillofac Surg* 2006;64(7):1121-8. [Abstract in Pubmed](#)
- 522. Thor AL, Hong J, Kjeller G, Sennerby L, Rasmusson L. Correlation of platelet growth factor release in jawbone defect repair - a study in the dog mandible. *Clin Implant Dent Relat Res* 2012;E-pub Jan 13. doi 10.1111/j.1708-8208.2011.00405.x. [Abstract in Pubmed](#)
- 523. Toffler M, Toscano N, Holtzclaw D. Osteotome-mediated sinus floor elevation using only platelet-rich fibrin: an early report on 110 patients. *Implant Dent* 2010;19(5):447-56. [Abstract in Pubmed](#)
- 524. Toljanic JA, Baer RA, Ekstrand K, Thor A. Implant rehabilitation of the atrophic edentulous maxilla including immediate fixed provisional restoration without the use of bone grafting: a review of 1-year outcome data from a long-term prospective clinical trial. *Int J Oral Maxillofac Implants* 2009;24(3):518-26. [Abstract in Pubmed](#)
- 525. Toljanic JA, Thor A, Baer R, Ekstrand K. Immediate fixed restoration of implants in the atrophic edentulous maxilla. *Dent Today* 2008;27(6):56, 58, 60 passim; quiz 63. [Abstract in Pubmed](#)
- 526. Tomasi C, Sanz M, Cecchinato D, Pjetursson B, Ferrus J, Lang NP, Lindhe J. Bone dimensional variations at implants placed in fresh extraction sockets: a multilevel multivariate analysis. *Clin Oral Implants Res* 2010;21(1):30-6. [Abstract in Pubmed](#)
- 527. Tomasi C, Wennstrom JL, Berglundh T. Longevity of teeth and implants - a systematic review. *J Oral Rehabil* 2008;35 Suppl 1:23-32. [Abstract in Pubmed](#)

528. Tomson PL, Butterworth CJ, Walmsley AD. Management of peri-implant bone loss using guided bone regeneration: a clinical report. *J Prosthet Dent* 2004;92(1):12-6. [Abstract in Pubmed](#)
529. Torsello F, di Torresanto VM, Ercoli C, Cordaro L. Evaluation of the marginal precision of one-piece complete arch titanium frameworks fabricated using five different methods for implant-supported restorations. *Clin Oral Implants Res* 2008;19(8):772-9. [Abstract in Pubmed](#)
530. Trombelli L, Minenna P, Franceschetti G, Minenna L, Farina R. Transcrestal sinus floor elevation with a minimally invasive technique. *J Periodontol* 2010;81(1):158-66. [Abstract in Pubmed](#)
531. Tsuda H, Rungcharassaeng K, Kan JY, Roe P, Lozada JL, Zimmerman G. Peri-implant Tissue Response Following Connective Tissue and Bone Grafting in Conjunction with Immediate Single-Tooth Replacement in the Esthetic Zone: A Case Series. *Int J Oral Maxillofac Implants* 2011;26(2):427-36. [Abstract in Pubmed](#)
532. Turkyilmaz I. One-year clinical outcome of dental implants placed in patients with type 2 diabetes mellitus: a case series. *Implant Dent* 2010;19(4):323-9. [Abstract in Pubmed](#)
533. Turkyilmaz I, Patel NS, McGlumphy EA. Oral rehabilitation of a severely resorbed edentulous maxilla with screwed-retained hybrid denture using Cresco system: a case report. *Eur J Dent* 2008;2(3):220-3. [Abstract in Pubmed](#)
534. Turkyilmaz I, Suarez JC. An alternative method for flapless implant placement and an immediate provisional crown: a case report. *J Contemp Dent Pract* 2009;10(3):89-95. [Abstract in Pubmed](#)
535. Turunen T, Peltola J, Makkonen T, Helenius H, Yli-Urpo A. Bioactive glass granules and polytetrafluoroethylene membrane in the repair of bone defects adjacent to titanium and bioactive glass implants. *J Mater Sci Mater Med* 1998;9(7):403-7. [Abstract in Pubmed](#)
536. Ueda M, Yamada Y, Ozawa R, Okazaki Y. Clinical case reports of injectable tissue-engineered bone for alveolar augmentation with simultaneous implant placement. *Int J Periodontics Rest Dent* 2005;25(2):129-37. [Abstract in Pubmed](#)
537. Urban T, Wenzel A. Discomfort experienced after immediate implant placement associated with three different regenerative techniques. *Clin Oral Implants Res* 2010;21(11):1271-7. [Abstract in Pubmed](#)
538. Uysal H, Kurtoglu C, Gurbuz R, Tutuncu N. Structure and mechanical properties of Cresco-Ti laser-welded joints and stress analyses using finite element models of fixed distal extension and fixed partial prosthetic designs. *J Prosthet Dent* 2005;93(3):235-44. [Abstract in Pubmed](#)
539. Wahlstrom M, Sagulin GB, Jansson LE. Clinical follow-up of unilateral, fixed dental prosthesis on maxillary implants. *Clin Oral Implants Res* 2010;21(11):1294-300. [Abstract in Pubmed](#)
540. Valencia S, Gretzer C, Cooper LF. Surface nanofeature effects on titanium-adherent human mesenchymal stem cells. *Int J Oral Maxillofac Implants* 2009;24(1):38-46. [Abstract in Pubmed](#)
541. Valente F, Schiroli G, Sbrenna A. Accuracy of computer-aided oral implant surgery: a clinical and radiographic study. *Int J Oral Maxillofac Implants* 2009;24(2):234-42. [Abstract in Pubmed](#)
542. Valentini P, Abensur D, Albertini JF, Rocchesani M. Immediate provisionalization of single extraction-site implants in the esthetic zone: a clinical evaluation. *Int J Periodontics Rest Dent* 2010;30(1):41-51. [Abstract in Pubmed](#)
543. Vallee MC, Conrad HJ, Basu S, Seong WJ. Accuracy of friction-style and spring-style mechanical torque limiting devices for dental implants. *J Prosthet Dent* 2008;100(2):86-92. [Abstract in Pubmed](#)
544. Walmsley AD, Brady CL, Smith PL, Frame JW. Magnet retained overdentures using the Astra dental implant system. *Br Dent J* 1993;174(11):399-404. [Abstract in Pubmed](#)
545. Walmsley AD, Frame JW. Implant supported overdentures - the Birmingham experience. *J Dent* 1997;25 Suppl 1:43-7. [Abstract in Pubmed](#)

546. Van Assche N, Collaert B, Coucke W, Quirynen M. Correlation between early perforation of cover screws and marginal bone loss: a retrospective study. *J Clin Periodontol* 2008;35(1):76-9. [Abstract in Pubmed](#)
547. Van Assche N, Pittayapat P, Jacobs R, Pauwels M, Teughels W, Quirynen M. Microbiological outcome of two screw-shaped titanium implant systems placed following a split-mouth randomised protocol, at the 12th year of follow-up after loading. *Eur J Oral Implantol* 2011;4(2):103-16. [Abstract in Pubmed](#)
548. Van Assche N, Quirynen M. Tolerance within a surgical guide. *Clin Oral Implants Res* 2010;21(4):455-58. [Abstract in Pubmed](#)
549. van Brakel R, Cune MS, Van Winkelhoff AJ, De Putter C, Verhoeven JW, Van Der Reijden W. Early bacterial colonization and soft tissue health around zirconia and titanium abutments: an in vivo study in man. *Clin Oral Implants Res* 2011;22(6):571-7. [Abstract in Pubmed](#)
550. van Brakel R, Noordmans HJ, Frenken J, de Roode R, de Wit GC, Cune MS. The effect of zirconia and titanium implant abutments on light reflection of the supporting soft tissues. *Clin Oral Implants Res* 2011;E-pub Jan 20, 2011 doi: 10.1111/j.1600-0501.2010.02082.x. [Abstract in Pubmed](#)
551. Van de Velde T, Collaert B, Senneryby L, De Bruyn H. Effect of implant design on preservation of marginal bone in the mandible. *Clin Impl Dent Rel Res* 2009;12(2):134-41. [Abstract in Pubmed](#)
552. Van de Velde T, Glor F, De Bruyn H. A model study on flapless implant placement by clinicians with a different experience level in implant surgery. *Clin Oral Implants Res* 2008;19(1):66-72. [Abstract in Pubmed](#)
553. van der Mark EL, Bierenbroodspot F, Baas EM, de Lange J. Reconstruction of an atrophic maxilla: comparison of two methods. *Br J Oral Maxillofac Surg* 2011;49(3):198-202. [Abstract in Pubmed](#)
554. Van Lierde K, Browaeys H, Corthals P, Mussche P, Van Kerckhoven E, De Bruyn H. Comparison of speech intelligibility, articulation and oromyofunctional behaviour in subjects with single-tooth implants, fixed implant prosthetics or conventional removable prostheses. *Journal of Oral Rehabilitation* 2012;39(4):285-93. [Abstract in Pubmed](#)
555. Van Lierde KM, Corthals P, Browaeys H, Mussche P, Van Kerckhove E, De Bruyn H. Impact of anterior single-tooth implants on quality of life, articulation and oromyofunctional behaviour: a pilot study. *J Oral Rehabil* 2011;38(3):170-5. [Abstract in Pubmed](#)
556. van Steenberghe D, De Mars G, Quirynen M, Jacobs R, Naert I. A prospective split-mouth comparative study of two screw-shaped self-tapping pure titanium implant systems. *Clin Oral Implants Res* 2000;11(3):202-9. [Abstract in Pubmed](#)
557. Wannfors K, Johansson C, Donath K. Augmentation of the mandible via a "tent-pole" procedure and implant treatment in a patient with type III osteogenesis imperfecta: clinical and histologic considerations. *Int J Oral Maxillofac Implants* 2009;24(6):1144-8. [Abstract in Pubmed](#)
558. Warren P, Chaffee N, Felton DA, Cooper LF. A retrospective radiographic analysis of bone loss following placement of TiO₂ grit-blasted implants in the posterior maxilla and mandible. *Int J Oral Maxillofac Implants* 2002;17(3):399-404. [Abstract in Pubmed](#)
559. Warrer L, Gotfredsen K, Hjorting-Hansen E, Karring T. Guided tissue regeneration ensures osseointegration of dental implants placed into extraction sockets. An experimental study in monkeys. *Clin Oral Implants Res* 1991;2(4):166-71. [Abstract in Pubmed](#)
560. Watkin A, Kerstein RB. Improving darkened anterior peri-implant tissue color with zirconia custom implant abutments. *Compend Contin Educ Dent* 2008;29(4):238-40, 42. [Abstract in Pubmed](#)

- 561. Weibrich G, Buch RS, Wegener J, Wagner W. Five-year prospective follow-up report of the Astra Tech standard dental implant in clinical treatment. *Int J Oral Maxillofac Implants* 2001;16(4):557-62. [Abstract in Pubmed](#)
- 562. Welander M, Abrahamsson I, Berglundh T. The mucosal barrier at implant abutments of different materials. *Clin Oral Implants Res* 2008;19(7):635-41. [Abstract in Pubmed](#)
- 563. Welander M, Abrahamsson I, Berglundh T. Placement of two-part implants in sites with different buccal and lingual bone heights. *J Periodontol* 2009;80(2):324-9. [Abstract in Pubmed](#)
- 564. Welander M, Abrahamsson I, Berglundh T. Subcrestal placement of two-part implants. *Clin Oral Implants Res* 2009;20(3):226-31. [Abstract in Pubmed](#)
- 565. Veltri M, Ferrari M, Balleri P. One-year outcome of narrow diameter blasted implants for rehabilitation of maxillas with knife-edge resorption. *Clin Oral Implants Res* 2008;19(10):1069-73. ID No. 79131 [Abstract in Pubmed](#)
- 566. Veltri M, Ferrari M, Balleri P. Stability values of titanium dioxide-blasted dental implants in edentulous maxillas: a 3-year pilot study. *J Oral Rehabil* 2010;37(1):63-8. [Abstract in Pubmed](#)
- 567. Wennerberg A, Albrektsson T. On implant surfaces: a review of current knowledge and opinions. *Int J Oral Maxillofac Implants* 2010;25(1):63-74. [Abstract in Pubmed](#)
- 568. Wennerberg A, Albrektsson T. Current challenges in successful rehabilitation with oral implants. *J Oral Rehabil* 2011;38(4):286-94. [Abstract in Pubmed](#)
- 569. Wennström J, Zurdo J, Karlsson S, Ekestubbe A, Gröndahl K, Lindhe J. Bone level change at implant-supported fixed partial dentures with and without cantilever extension after 5 years in function. *J Clin Periodontol* 2004;31(12):1077-83. ID No. 78276 [Abstract in Pubmed](#)
- 570. Wennström JL, Ekestubbe A, Gröndahl K, Karlsson S, Lindhe J. Oral rehabilitation with implant-supported fixed partial dentures in periodontitis-susceptible subjects. A 5-year prospective study. *J Clin Periodontol* 2004;31(9):713-24. ID No. 78275 [Abstract in Pubmed](#)
- 571. Wennström JL, Ekestubbe A, Gröndahl K, Karlsson S, Lindhe J. Implant-supported single-tooth restorations: a 5-year prospective study. *J Clin Periodontol* 2005;32(6):567-74. ID No. 78476 [Abstract in Pubmed](#)
- 572. Vercaigne S, Wolke JG, Naert I, Jansen JA. A histological evaluation of TiO₂-gritblasted and Ca-P magnetron sputter coated implants placed into the trabecular bone of the goat: Part 2. *Clin Oral Implants Res* 2000;11(4):314-24.
- 573. Vercaigne S, Wolke JG, Naert I, Jansen JA. A mechanical evaluation of TiO₂-gritblasted and Ca-P magnetron sputter coated implants placed into the trabecular bone of the goat: Part 1. *Clin Oral Implants Res* 2000;11(4):305-13. [Abstract in Pubmed](#)
- 574. Vervaeke S, Collaert B, Vandeweghe S, Cosyn J, Deschepper E, De Bruyn H. The effect of smoking on survival and bone loss of implants with a fluoride-modified surface: a 2-year retrospective analysis of 1106 implants placed in daily practice. *Clin Oral Implants Res* 2011;E-pub May 5. doi: 10.1111/j.1600-0501.2011.02201.x. . [Abstract in Pubmed](#)
- 575. Whitesides L. Evaluation of the Atlantis abutment in implant restoration. *Inside Dentistry* 2006;September:98-99.
- 576. Whitesides LM. Solution for the challenging implant. *Dent Today* 2008;27(2):146, 48. [Abstract in Pubmed](#)
- 577. Widmann G, Bale RJ. Accuracy in computer-aided implant surgery--a review. *Int J Oral Maxillofac Implants* 2006;21(2):305-13. [Abstract in Pubmed](#)
- 578. Widmark G, Ivanoff CJ. Augmentation of exposed implant threads with autogenous bone chips: prospective clinical study. *Clin Impl Dent Rel Res* 2000;2(4):178-83. [Abstract in Pubmed](#)

579. Vignoletti F, Discepoli N, Muller A, de Sanctis M, Munoz F, Sanz M. Bone modelling at fresh extraction sockets: immediate implant placement versus spontaneous healing. An experimental study in the beagle dog. *J Clin Periodontol* 2012;39(1):91-7. [Abstract in Pubmed](#)
580. Vilhjalmsson VH, Klock KS, Storksen K, Bardsen A. Aesthetics of implant-supported single anterior maxillary crowns evaluated by objective indices and participants' perceptions. *Clin Oral Implants Res* 2011;22(12):1399-403. [Abstract in Pubmed](#)
581. von Wowern N, Gotfredsen K. Implant-supported overdentures, a prevention of bone loss in edentulous mandibles? A 5-year follow-up study. *Clin Oral Implants Res* 2001;12(1):19-25. ID No. 75358 [Abstract in Pubmed](#)
582. Worsaae N, Jensen BN, Holm B, Holsko J. Treatment of severe hypodontia-oligodontia--an interdisciplinary concept. *Int J Oral Maxillofac Surg* 2007;36(6):473-80. [Abstract in Pubmed](#)
583. Vrielinck L, Politis C, Schepers S, Pauwels M, Naert I. Image-based planning and clinical validation of zygoma and pterygoid implant placement in patients with severe bone atrophy using customized drill guides. Preliminary results from a prospective clinical follow-up study. *Int J Oral Maxillofac Surg* 2003;32(1):7-14. [Abstract in Pubmed](#)
584. Vroom MG, Sipos P, de Lange GL, Grundemann LJ, Timmerman MF, Loos BG, van der Velden U. Effect of surface topography of screw-shaped titanium implants in humans on clinical and radiographic parameters: a 12-year prospective study. *Clin Oral Implants Res* 2009;20(11):1231-39. [Abstract in Pubmed](#)
585. Yalcin S, Aktas I, Emes Y, Kaya G, Aybar B, Atalay B. A technique for atraumatic extraction of teeth before immediate implant placement using implant drills. *Implant Dent* 2009;18(6):464-72. [Abstract in Pubmed](#)
586. Yamada Y, Nakamura S, Ueda M, Ito K. Osteotome technique with injectable tissue-engineered bone and simultaneous implant placement by cell therapy. *Clin Oral Implants Res* 2011;E-pub: Dec 12. doi: 10.1111/j.1600-0501.2011.02353.x. [Abstract in Pubmed](#)
587. Yamano S, Nissenbaum M, Dodson TB, Gallucci GO, Sukotjo C. Multidisciplinary treatment for a young patient with severe maxillofacial trauma from a snowmobile accident: a case report. *J Oral Implantol* 2010;36(2):141-4. [Abstract in Pubmed](#)
588. Yamauchi K, Takahashi T, Funaki K, Miyamoto I, Yamashita Y. Implant placement for periosteal expansion osteogenesis using beta-tricalcium phosphate block: an experimental study in dogs. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2009;108(6):861-6. [Abstract in Pubmed](#)
589. Yamauchi K, Takahashi T, Nogami S, Kataoka Y, Miyamoto I, Funaki K. Horizontal alveolar distraction osteogenesis for dental implant: long-term results. *Clin Oral Implants Res* 2012. [Abstract in Pubmed](#)
590. Yi SW, Ericsson I, Kim CK, Carlsson GE, Nilner K. Implant-supported fixed prostheses for the rehabilitation of periodontally compromised dentitions: a 3-year prospective clinical study. *Clin Impl Dent Rel Res* 2001;3(3):125-34. ID No. 75415 [Abstract in Pubmed](#)
591. Yilmaz B, McGlumphy E, Purcell B. An alternative direct technique for the fabrication of an implant-supported, screw-retained fixed interim restoration. *J Prosthet Dent* 2012;107(2):137-9. [Abstract in Pubmed](#)
592. Yilmaz B, McGlumphy E, Turkyilmaz I. A technique to modify the length of an implant healing abutment. *J Oral Implantol* 2009;35(4):201-3. [Abstract in Pubmed](#)
593. Yilmaz B, Seidt JD, McGlumphy EA, Clelland NA. Comparison of strains for splinted and nonsplinted screw-retained prostheses on short implants. *Int J Oral Maxillofac Implants* 2011;26(6):1176-82.
594. Yusuf H, Ratra N. Observations on 25 patients treated with ball-retained overdentures using the Astra Tech implant system. *Eur J Prosth Rest Dent* 1996;4(4):181-3. [Abstract in Pubmed](#)

595. Zaffe D, Rodriguez Y, Baena R, Rizzo S, et al. Behavior of the bone-titanium interface after push-in testing: a morphological study. *J Biomed Mater Res A* 2003;64(2):365-71. [Abstract in Pubmed](#)
596. Zipprich H, Weigl P, Lauer H-C, Lange B. Micro-movements at the implant-abutment interface: measurements, causes and consequences. *Implantologie* 2007;15:31-45. [Abstract in Pubmed](#) ID No. 79041
597. Zurdo J, Romao C, Wennstrom JL. Survival and complication rates of implant-supported fixed partial dentures with cantilevers: a systematic review. *Clin Oral Implants Res* 2009;20 Suppl 4:59-66. [Abstract in Pubmed](#)
598. Åstrand P. Current Implant Systems. *The Journal of the S.D.A.* 1993;85(11-12):651-63.
599. Åstrand P, Engquist B, Dahlgren S, Engquist E, Feldmann H, Grondahl K. Astra Tech and Brånenmark System implants: a prospective 5-year comparative study. Results after one year. *Clin Impl Dent Rel Res* 1999;1(1):17-26. [Abstract in Pubmed](#)
600. Åstrand P, Engquist B, Dahlgren S, Grondahl K, Engquist E, Feldmann H. Astra Tech and Brånenmark System implants: a 5-year prospective study of marginal bone reactions. *Clin Oral Implants Res* 2004;15(4):413-20. [Abstract in Pubmed](#)
601. Örtorp A. Three tumor patients with total maxillectomy rehabilitated with implant-supported frameworks and maxillary obturators: a follow-up report. *Clin Impl Dent Rel Res* 2009;12(4):315-23. [Abstract in Pubmed](#)
602. Özkurt Z, Duygu G, Canpolat C, Kazazoglu E. Reconstruction of edentulous maxillary and mandibular arches with implant-supported fixed restorations using a digital treatment planning technique: a clinical report. *J Oral Implantol* 2008;34(3):161-8. [Abstract in Pubmed](#)