



Literature Overview

Valid from January 2024

Reviews and Consensus

2023

Chantler JG, Evans CD, Zitzmann NU, Derksen W.

Clinical performance of single implant prostheses restored using titanium base abutments: A systematic review and meta-analysis. *Clin Oral Impl Res* 2023;34:64-85

Reis INRD, Fukuoka GL, Nagay BE, Pannuti CM, Spin-Neto R, da Silva EVF.

Incidence of peri-implant disease associated with cement- and screw-retained implant-supported prostheses: A systematic review and meta-analysis. *J Prosthet Dent* 2023, ahead of print

2021

Schwarz F, Schär A, Nelson K, Fretwurst T, Flügge T, Ramanauskaite A, Trimpou G, Sailer I, Karasan D, Fehmer V, Guerra F, Messias A, Nicolau P, Chochlidakis K, Tsigarida A, Kernen F, Taylor T, Vazouras K, Herklotz I, Sader R.

Recommendations for implant-supported full-arch rehabilitations in edentulous patients: The Oral Reconstruction Foundation Consensus Report. *Int J Prosthodont.* 2021;Suppl;34:s8-s20

2019 – 2020

Messias A, Nicolau P, Guerra F.

Titanium dental implants with different collar design and surface modifications: A systematic review on survival rates and marginal bone levels. *Clin Oral Implants Res.* 2019;30(1):20-48

Schwarz F, Messias A, Sanz-Sánchez I, Carillo de Albornoz A, Nicolau P, Taylor T, Beuer F, Schär A, Sader R, Guerra F, Sanz M.

Influence of implant neck and abutment characteristics on peri-implant tissue health and stability. Oral Reconstruction Foundation Consensus Report *Clin Oral Implant Res* 2019;30(6):588-93

2017 – 2018

Sanz-Martín I, Sanz-Sánchez I, Carillo de Albornoz A, Figuero E, Sanz M.

Effects of modified abutment characteristics on peri-implant soft tissue health: A systematic review and meta-analysis. *Clin Oral Impl Res.* 2018;29(1):118-29

2015 – 2016

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A systematic review and meta-analysis of removable and fixed implant-supported prostheses in edentulous jaws: Post-loading implant loss. *Clin Oral Impl Res* 2016;27:174-95

Sanz-Sánchez I, Sanz-Martín I, Figuero E, Sanz M.

Clinical efficacy of immediate implant loading protocols compared to conventional loading depending on the type of the restoration: A systematic review. *Clin Oral Impl Res* 2015;26:964-82

Schwarz F, Sanz-Martín I, Kern JS, Taylor T, Schaer A, Wolfart S, Sanz M.

Loading protocols and implant supported restorations proposed for the rehabilitation of partially and fully edentulous jaws. Camlog Foundation Consensus Report. *Clin Oral Implants Res* 2016;27:988-92

Strietzel FP, Neumann K, Hertel M.

Impact of platform switching on marginal peri-implant bone-level changes. A systematic review and meta-analysis. *Clin Oral Impl Res* 2015;26:342-58

2014 – 2013

Schwarz F, Alcoforado G, Nelson K, Schär A, Taylor T, Beuer F, Strietzel FP.

Impact of implant-abutment connection, positioning of the machined collar/microgap, and platform switching on crestal bone level changes. Camlog Foundation Consensus Report. *Clin Oral Impl Res* 2014; 25:1301-3

Schwarz F, Hegewald A, Becker J.

Impact of implant-abutment connection and positioning of the machined collar/microgap on crestal bone level changes: a systematic review. *Clin Oral Impl Res* 2014;25:417-25

Prospective Clinical Trials

2023

Bruhneke M, Naumann M, Beuer F, Herklotz I, Böse MWH, Neumeyer S, Stein-Launsitz MV.

Implant or Tooth?-A Prospective Clinical study on oral health-related quality of life for patients with "unrestorable" teeth. *J Clin Med* 2022;11(24):7496

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Comparison of functional and esthetic outcomes in digital versus analog rehabilitation of one-piece screw-retained implant crowns placed at second stage surgery. *J Prosthodont* 2023;32(9):793-800

Gong Z, Lin Y, Di P.

Plaque accumulation on the fitting surface of full-arch implant-supported fixed prostheses with contact or noncontact pontics: A split mouth randomized controlled trial. *J Esthet Restor Dent.* 2023;35(7):1077-84

Hadzik J, Błaszczyszyn A, Gedrange T, Dominiak M.

Soft-tissue augmentation around dental implants with a connective tissue graft (CTG) and xenogeneic collagen matrix (CMX)-5-year follow-up. *J Clin Med* 2023;12(3):924

Herklotz I, Beuer F, Bruhneke M, Zoske J, Böse MWH.

Accuracy of fully guided dental implant placement: A prospective clinical in-vivo investigation using intraoral scan data. *Int J Comput Dent* 2023;26(2):137-48

Kernen F, Brändle D, Wagendorf O, Recca M, Mehrhof J, Vach K, Nahles S, Nelson K, Flügge T.

Enhancing intraoral scanner accuracy using scan aid for multiple implants in the edentulous arch: An in vivo study. *Clin Oral Impl Res* 2023;34(8):793-801

Krennmair G, Weinländer M, Forstner T, Krennmair S, Stimmelmayer M, Malek M.

Transsinusoidal lateral nasal floor augmentation for implant placement in the atrophic premaxilla: A within-patient, 5-year, prospective comparative study. *Clin Oral Impl Res* 2023;34(8):822-38

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Naumann M, Scholz P, Krois J, Schwendicke F, Sterzenbach G, Happe A.

Monolithic hybrid abutment crowns (screw-retained) versus monolithic hybrid abutments with adhesively cemented monolithic crowns. *Clin Oral Impl Res* 2023 Mar;34(3):209-20

Poli PP, Manfredini M, Maiorana C, Salina FE, Beretta M.

Correlation between accuracy in computer-guided implantology and peri-implant tissue stability: A prospective clinical and radiological pilot study. *J Clin Med* 2023;12(15):5098

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Clinical evaluation and patient related outcomes of one- and two-piece zirconia implants at five years of loading: A case series study. *J Esthet Restor Dent* 2023;35(4):577-85

Zhang Y, Wei D, Tian J, Zhao Y, Lin Y, Di P.

Clinical evaluation and quantitative occlusal change analysis of posterior implant-supported all-ceramic crowns: A 3-year randomized controlled clinical trial. *Clin Oral Impl Res* 2023;34(11):1188-97

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Afrashtehfar KI, Weber A, Abou-Ayash S.

Titanium-base abutments may have similar long-term peri-implant effects as non-bonded one-piece abutments. *Evid Based Dent* 2022;23(4):134-5

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Sinus floor elevation via an osteotome technique without biomaterials. *Int J Environ Res Public Health*. 2021;18(3):1103

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Immediate implant placement in conjunction with acellular dermal matrix or connective tissue graft: A randomized controlled clinical volumetric study. *Int J Periodontics Restorative Dent* 2022;42(3):381-90

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Peri-implant soft-tissue esthetic outcome after immediate implant placement in conjunction with xenogeneic acellular dermal matrix or connective tissue graft: A randomized controlled clinical study. *J Esthet Restor Dent* 2022;34(1):215-25

Krennmair S, Malek M, Forstner T, Krennmair G, Stimmelmayer M, Hunger S

Immediately loaded implants simultaneously placed in fresh extraction and healed sites supporting four-implant-supported fixed mandibular prostheses using the all-on-4 concept: A 5-year prospective study. *Clin Oral Implants Res*. 2022;33(2):158-71

Moergel M, Rocha S, Messias A, Nicolau P, Guerra F, Wagner W.

Clinical and radiographic performance of self-locking conical connection implants in the posterior mandible: Five-year results of a two-center prospective study. *Clin Oral Implants Res*. 2021;32(8):998-1007

Neckel N, Wagendorf P, Sachse C, Stromberger C, Vach K, Heiland M, Nahles S.

Influence of implant-specific radiation doses on peri-implant hard and soft tissue: An observational pilot study. *Clin Oral Implants Res*. 2021;32(2):249-61

Poli PP, Muktadar AK, Ávila Souza F, Maiorana C, Beretta M.

Computer-guided implant placement associated with computer-aided bone regeneration in the treatment of atrophied partially edentulous alveolar ridges: A proof-of-concept study. *J Dent Sci*. 2021;16(1):333-41

Rathe F, Junker R, Heumann C, Blumenröhr J, Ausschil T, Arweiler N, Schlee M.

Long-term effects of titanium-base abutments on peri-implant health: A 5-year randomised controlled trial. *Int J Oral Implantol (Berl)* 2022;15(2):167-79

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Does the macro design of an implant affect the accuracy of template-guided implantation? A prospective clinical study. *Int J Implant Dent*. 2021 26;7(1):42

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Factors influencing the accuracy of freehand implant placement: A prospective clinical study. *Dent J* 2021;9(5):54

Tabassum A, Kazmi F, Wismeijer D, Siddiqui IA, Tahmaseb A.

A prospective randomized clinical trial on radiographic crestal bone loss around dental implants placed using two different drilling protocols: 12-month follow-up. *Int J Oral Maxillofac Implants* 2021;36(6):e175-e182

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Clinical performance of immediately placed and restored progressive-type implants in the esthetic zone: A prospective observational study. *Int J Implant Dent* 2022;8(1):57

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2019 – 2020

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Al-Sawaf O, Tuna T, Rittich A, Kern T, Wolfart S Randomized clinical trial evaluating the effect of splinting crowns on short implants in the mandible 3 years after loading. *Clin Oral Implants Res.* 2020;31(11):1061-71

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Kahramanoglu E, Aslan YU, Özkan Y, Özkan Y. Clinical and radiographic evaluation of early loaded maxillary anterior implants: Three-year follow-up. *Int J Periodontics Restorative Dent* 2019;39(1):123-9

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Meriç P, Buduneli N, Kanmaz B, Gürlek Ö, Çömlekoğlu E, Calvert G, Lappin DF, Nile C. Cholinergic signaling mechanisms and early implant healing phases in healthy versus generalized aggressive periodontitis patients: A prospective, case-control study. *J Clin Periodontol.* 2019;46(11):1155-63

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2008 – 2007**Karabuda C, Yaltirik M, Bayraktar M.**

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Retrospective Data

2024 - 2023

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Headquarters

CAMLOG Biotechnologies GmbH | Margarethenstr. 38 | 4053 Basel | Switzerland
Phone +41 61 565 41 00 | Fax +41 61 565 41 01 | info@camlog.com | www.camlog.com

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