

Verwendung der Evidenz für die implantologische Entscheidungsfindung

Behandlungsauftrag: Implantologische Wiederherstellung der Kaufunktion rechts: Eine Fallpräsentation von Prof. Dr. Liviu Steier , Warwick Medical School, UK.

1 M. H. Walter, R. G. Luthardt,: Shortened dental arches: which teeth need replacement and how? ZM 95, 21: 48-52, 01.11.2005,

2 Käyser AF (1989). Shortened dental arch: a therapeutic concept in reduced dentitions and certain high-risk groups. Int J Periodontics Restorative Dent 9(6):426-49.

3 Leempoel PJ, Käyser AF, Van Rossum GM, De Haan AF (1995). The survival rate of bridges. A study of 1674 bridges in 40 Dutch general practices. J Oral Rehabil 22(5):327-30.

Kerschbaum T, Paszyna C, Klapp S, Meyer G (1991). Verweilzeit- und Risikofaktorenanalyse von festsitzendem Zahnersatz. Dtsch Zahnärztl Z 46(1):20-4.

Cheung GS, Dimmer A, Mellor R, Gale M (1990). A clinical evaluation of conventional bridgework. J Oral Rehabil 17(2):131-6.

4 Luthardt R, Spieckermann J, Böning K, Walter M (2000). Therapie der verkürzten Zahnreihe -Eine systematische Literaturübersicht-. Dtsch Zahnärztl Z 55(9):592-609.

5 Omar R, Wise: Mandibulare flexure associated with muscle force applied in the retruded axis position, J.Oral rehabilitation: 6:299-321, 1981

6 Gates GN, Nicholls JL.: evaluation of mandibular arch width; J. Prosthet. Dentistry. 46: 385-392, 1981

7 Hobkirk JA, Schwab J.: *Mandibular deformation in subjects with osseointegrated implants*, Int J Oral Maxillofac Implants 6: 319-328, 1991.

8 M. Karl, M. G. Wichmann, F. Graef, S. M. Heckmann; Brückenspannweite und Befestigungsart als Determinanten der Spannungsentwicklung implantatgetragener Brücken; Deutsche Zahnärztliche Zeitschrift 59 (2004)

9 Guichet DL, Yoshinobu D, Caputo AA; Effect of splinting and interproximal contact tightness on load transfer by implant restorations. J Prosthet Dent. 2002 May;87(5):528-35.

10 Zipprich, Holger; Weigl, Paul; Lange, Bodo; Lauer, Hans-Christoph: Micromovements at the Implant-Abutment Interface: Measurement, Causes, and Consequences; [Implantologie. \(Vol. 15,2007 Issue 1, p. 31-46\)](#)

11 Salinas TJ. Anti-rotational features for osseointegrated implants. Pract Proced Aesthet Dent 2001;13:352.

12 Schwedhelm ER, Lepe X, Aw TC.: A crown venting technique for the cementation of implant-supported crowns. J Prosthet Dent. 2003 Jan;89(1):89-90.

13 Patel D, Invest JC, Tredwin CJ, Setchell DJ, Moles DR.: An analysis of the effect of a vent hole on excess cement expressed at the crown-abutment margin for cement-retained implant crowns. J Prosthodont. 2009 Jan;18(1):54-9.

14 See Pauletto N, Lahiffe BJ, Walton JN. Complications associated with excess cement around crowns on osseointegrated implants: A clinical report. Int J Oral Maxillofac Implants 1999;14:865-868.

Gapski R, Neugeboren N, Pomeranz AZ, Reissner MW. Endosseous implant failure influenced by crown cementation: A clinical case report. Int J Oral Maxillofac Implants 2008;23:943-946

Thomas, GW: The Positive Relationship Between Excess Cement and Peri-Implant Disease: A Prospective Clinical Endoscopic Study; Journal of Periodontology 22 May 2009: 1388-1392.

Wilson PR: To vent or not to vent? Aust Prosthodont J. 1992;6:47-52.

Bruggers KJ, Bruggers H.: Internal venting of castings to improve marginal seal and retention of castings; J Prosthet Dent. 1987 Sep;58(3):270-3.

Dumbrigue HB , Abanomi AA, Cheng LL.: Techniques to minimize excess luting agent in cement-retained implant restorations. J Prosthet Den. 2002 Jan;87(1):112-4.

15 Pecora GE, Ceccarelli R, Bonelli M, Alexander H, Ricci JL: Clinical evaluation of laser microtexturing for soft tissue and bone attachment to dental implants. *Implant Dent.* 2009 Feb;18(1):57-66.

Weiner S, Simon J, Ehrenberg DS, Zweig B, Ricci JL.: The effects of laser microtextured collars upon crestal bone levels of dental implants.; *Implant Dent.* 2008 Jun;17(2):217-28.

Ricci JL, Grew JC, Alexander H.:Connective-tissue responses to defined biomaterial surfaces. I. Growth of rat fibroblast and bone marrow cell colonies on microgrooved substrates.; *J Biomed Mater Res A.* 2008 May;85(2):313-25.

Grew JC, Ricci JL, Alexander H. : Connective-tissue responses to defined biomaterial surfaces. II. Behavior of rat and mouse fibroblasts cultured on microgrooved substrates.; *J Biomed Mater Res A.* 2008 May;85(2):326-35.