

Literaturliste

Biomechanische Merkmale im Fokus

Manfred Kern

ZWL Zahntechnik Wirtschaft Labor 5/2016

[1] Fischer J: Für jede Indikation das richtige Material. Quintessenz ZT 2014; 40(11): 1430-1432

[2] Magne P, Belser UC: Adhäsiv befestigte Keramikrestaurationen. Quintessenz Verlag Berlin 2002; 23-52.

[3] Stokes AN, Hood JA: Impact fracture patterns of intact and restored human maxillary central incisors. Int J Prosthodont 1988; 1(2): 208-210

[4] Gordon J: Structures - Why things don't fall down. Strain energy and modern fracture mechanics. Da Capo Press, New York 1978; 70-109

[5] Arnetzl G: Neue Materialien, neue Perspektiven. Zahntech Mag 2015; 19(1): 18-25

[6] Koller M, Arnetzl GV, Holly L, Arnetzl G: Lava ultimate resin nano ceramic for CAD/CAM: customization case study. Int J Comp Dent 2012; 15: 159-164

[7] Kern M, Beuer F, Frankenberger R, Kohal RJ, Kunzelmann KH, Mehl A, Pos-piech P, Reiss B: Neue Werkstoffe und Verarbeitungssysteme – aus: Vollkeramik auf einen Blick, 6. Auflage 2015; ISBN 978-3-9817012-0-3: p 100-107

[8] Beier US, Kapferer I, Dumfahrt H: Clinical long-term evaluation and failure characteristics of 1,335 all-ceramic restorations. Int J Prosthodont 2012; 25: 70-78

[9] Magne P, Silva M, Oderich E, Boff LL, Enciso R: Damping behavior of implant-supported Restorations. Clin Oral Implants Res 2013; 24: 143-148

[10] Mörmann W: Ein neuer Keramik-Polymer-Hybridwerkstoff für CAD/CAM. Zahntech Mag 2013; 17: 130-131

[11] Menini M, Conserva E, Tealdo T, Bevilacqua M, Pera F, Signori A, Pera P: Shock absorption capacity of restorative materials for dental implant prostheses – an in vitro study. Int J Prosthodont 2013; 26: 549-556

[12] Ernst CP: Adhäsive Teilkronen im erosiv-parafunktional geschädigtem Gebiss. ZMK 2013; 29(1): 50-53

[13] Awada A, Nathanson D: Mechanical properties of resin-ceramic CAD/CAM restorative materials. J Prosthet Dent 2015; pii S0022-3919, Epub ahead of print

[14] Fasbinder DJ: Treatment concept with CAD/CAM-fabricated high-density polymer temporary restorations. J Esthet Restor Dent 2012; 24: 319-320

[15] Spitznagel FA, Horvath SD, Guess PC, Blatz MB: Resin bond to indirect compo-site and new ceramic-polymer materials: a review of the literature. J Esthet Restor Dent 2014; 26(6): 382-393

- [16] Mörmann WH, Stawarczyk B, Ender A, Sener B, Attin T, Mehl A: Wear characteristics of current aesthetic dental restoratives CAD/CAM Materials – two-body, gloss retention, roughness and martens hardness: J Behav Biomed Mater 2013; 20: 113-125
- [17] Awad D, Stawarczyk B, Liebermann A, Ilie N: Translucency of esthetic dental restorative CAD/CAM materials and composite resins with respect to thickness and surface roughness. J Prosthet Dent 2015; 113(6): 534-540
- [18] Frankenberger R, Hartmann VE, Krech M, Krämer N, Reich S, Braun A, Roggen-dorf M: Adhesive luting of new CAD/CAM materials. Int J Comp Dent 2015; 18(1): 9-20
- [19] Rusin RP, Rolf C, Boehmer RA, Christen WE, Russel VA, Normann CF: Schlagfestigkeit eines neuen Resin-Nanokeramik CAD/CAM-Materials. Dent Mater 2012; 28 Suppl 1
- [20] Bonfante EA, Suzuki M, Lorenzoni FC, Sena LA, Hirate R, Bonfante G, Coelho PG: Probability of survival of implant-supported metal ceramic and CAD/CAM resin nano-ceramic crowns. Dent Mater 2015; 31(8): 168-177
- [21] Fasbinder DJ, Neiva GF, Dennison JB, Heys D, Heys R: One year evaluation of CAD/CAM nano-ceramic and leucite-reinforced onlays. Referat IADR convention March 20, 2014
- [22] Lawson NC, Burgess JO: Gloss und stain resistance of ceramic-polymer CAD/CAM restoratives. J Esthet Restor Dent 2015; doi 10.11111, Epub ahead of print
- [23] Rinke S, Schäfer S, Schmidt AK: Einsatzmöglichkeiten zirkonoxidverstärkter Lithiumsilikat-Keramiken. Quintessenz Zahntech 2014; 40(5): 536-546
- [24] Rinke S, Schäfer S: Zirkonoxidverstärkte Silikatkeramik in der Anwendung. Digital Dentistry 2014; 2: 22-27
- [25] Zimmermann M: Perfektion im Umgang mit neuen Materialien. Referat auf dem Masterkurs der DGCZ am 18.06.2015 in München