

DRDPDMAT - DRDP: Applied Clinical Dental Materials

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1.

Botelho MG. Inhibitory Effects on Selected Oral Bacteria of Antibacterial Agents Incorporated in a Glass Ionomer Cement. Caries Research. 2003;37(2):108-114. doi:10.1159/000069019

2.

Brännström M, Nyborg H. Points in the experiential study of pulpal response to restorative materials. Odontologisk tidskrift. 1969;77:421-426.

3.

Buonocore MG. A simple method of increasing the adhesion of acrylic filling materials to enamel surfaces. Journal of Dental Research. 1955;34(6):849-853.
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=36487705&site=ehost-live&scope=site>

4.

De Munck J, Van Landuyt K, Peumans M, et al. A Critical Review of the Durability of Adhesion to Tooth Tissue: Methods and Results. Journal of Dental Research. 2005;84(2):118-132. doi:10.1177/154405910508400204

5.

Kramer I, McLean J. Alterations in the staining reactions of dentine resulting from a constituent of a new self-polymerising resin. British Dental Journal . 1952;93:150-153.

6.

Matharu S, Spratt DA, Pratten J, et al. A new in vitro model for the study of microbial microleakage around dental restorations: a preliminary qualitative evaluation. *International Endodontic Journal*. 2001;34(7):547-553.
doi:10.1046/j.1365-2591.2001.00475.x

7.

Peumans M, et.al. Clinical effectiveness of contemporary adhesives: A systematic review of current clinical trials. *Dental Materials*. 2005;21(9):864-881.
doi:10.1016/j.dental.2005.02.003

8.

Splieth C, et.al. Anaerobic microflora under Class I and Class II composite and amalgam restorations. *Quintessence international*. 2003;34(7):497-503.
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=37298503&site=ehost-live&scope=site>

9.

Van Landuyt KL, et.al. Systematic review of the chemical composition of contemporary dental adhesives. *Biomaterials*. 2007;28(26):3757-3785.
doi:10.1016/j.biomaterials.2007.04.044

10.

Eick G, Gwinnett A, Pashley D, Robinson S. Current concepts on adhesion to dentin. *Critical reviews in oral biology and medicine*. 1997;8(3):306-335.
doi:10.1177/10454411970080030501

11.

Hannig M, Reinhardt K, Bott B. Self-etching primer vs phosphoric acid: an alternative concept for composite-to-enamel bonding. *Operative dentistry*. 1999;24(3):172-180.

12.

Hashimoto M, Ohno H, Kaga M, Endo K, Sano H, Oguchi H. In vivo Degradation of Resin-Dentin Bonds in Humans Over 1 to 3 Years. *Journal of Dental Research*. 2000;79(6):1385-1391. doi:10.1177/00220345000790060601

13.

Sano H, et.al. Nanoleakage: leakage within the hybrid layer. *Operative Dentistry*. 1995;20(1):18-25.

14.

BRAGA R, BALLESTER R, FERRACANE J. Factors involved in the development of polymerization shrinkage stress in resin-composites: A systematic review. *Dental Materials*. 2005;21(10):962-970. doi:10.1016/j.dental.2005.04.018

15.

Burke F, Palin W, James A, Mackenzie L, Sands P. The current status of materials for posterior composite restorations: the advent of low shrink. *Dental Update*. 2009;36(7):401-409.

16.

CHEN M, CHEN C, HSU S, SUN S, SU W. Low shrinkage light curable nanocomposite for dental restorative material. *Dental Materials*. 2006;22(2):138-145. doi:10.1016/j.dental.2005.02.012

17.

Combe E, Burke F. Contemporary Resin-based Composite Materials for Direct Placement Restorations: Packables, Flowables and Others. *Dental Update Leading Dental Journal for CPD*. 2000;27(7):326-336.

18.

Davidson CL, Feilzer AJ. Polymerization shrinkage and polymerization shrinkage stress in polymer-based restoratives. *Journal of Dentistry*. 1997;25(6):435-440. doi:10.1016/S0300-5712(96)00063-2

19.

Feilzer AJ, De Gee AJ, Davidson CL. Setting stress in composite resin in relation to configuration of the restoration. *Journal of Dental Research*. 1987;66(11):1636-1639. <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=36543133&site=ehost-live&scope=site>

20.

Leinfelder K. New developments in resin restorative systems. *The Journal of the American Dental Association*. 1997;128(5):573-581. doi:10.14219/jada.archive.1997.0256

21.

Liebenberg WH. Assuring restorative integrity in extensive posterior resin composite restorations: Pushing the envelope . *Quintessence International*. 2000;31(3):153-164.

22.

Millar BJ, Abider F, Nicholson JW. In vitro caries inhibition by polyacid-modified composite resins ('compomers'). *Journal of Dentistry*. 1998;26(2):133-136. doi:10.1016/S0300-5712(96)00091-7

23.

Palin W, Fleming G. Low-shrink monomers for dental restorations. . *Dental Update*. 2003;30(3):118-122.

24.

Shaw AJ, Carrick T, McCabe JF. Fluoride release from glass-ionomer and compomer restorative materials: 6-month data. *Journal of Dentistry*. 1998;26(4):355-359. doi:10.1016/S0300-5712(97)00016-X

25.

Gladys S. Comparative physico-mechanical characterisation of new hybrid restorative

materials with contemporary glass-ionomer and resin composite restorative materials. Journal of Dental Research. 76(4):883-894.

26.

Versluis, A. Do Dental Composites Always Shrink Toward the Light? Journal of Dental Research. 77(6):1435-1445.

27.

ANUSAVICE, K. J. Strengthening of Feldspathic Porcelain by Ion Exchange and Tempering. Journal of Dental Research. 71(71):1134-1138.

28.

Burke F. Fracture resistance of teeth restored with dentin-bonded crowns: the effect of increased tooth preparation. Quintessence international. 1996;27(2):115-121.

29.

Burke F. Trends in Indirect Dentistry: 3. Luting Materials . Dental Update Leading Dental Journal for CPD. 2005;32(5):251-260.

30.

Burke F. Trends in indirect Dentistry: 4. Performance of Adhesive Restoratives. Dental Update Leading Dental Journal for CPD. 2005;32(6):312-325.

31.

Burke FJT, Qualtrough AJE. Follow-up Evaluation of a Series of Dentin-Bonded Ceramic Restorations. Journal of Esthetic and Restorative Dentistry. 2000;12(1):16-22.
doi:10.1111/j.1708-8240.2000.tb00194.x

32.

Chris, Ellakwa AE. DENTAL MATERIALS Fibre-reinforced Composites in Restorative

Dentistry . Dental Update Leading Dental Journal for CPD. 2003;30(6):300-306.

33.

CHO LR, YI YJ, HEO SJ. Effect of tooth brushing and thermal cycling on a surface change of ceromers finished with different methods. Journal of Oral Rehabilitation. 2002;29(9):816-822. doi:10.1046/j.1365-2842.2002.00877.x

34.

Cook WD, Johannson M. The influence of postcuring on the fracture properties of photo-cured dimethacrylate based dental composite resin. Journal of Biomedical Materials Research. 1987;21(8):979-989. doi:10.1002/jbm.820210804

35.

Etman MK, Woolford MJ. Three-year clinical evaluation of two ceramic crown systems: A preliminary study. The Journal of Prosthetic Dentistry. 2010;103(2):80-90. doi:10.1016/S0022-3913(10)60010-8

36.

Fissore B, Nicholls JI, Yuodelis RA. Load fatigue of teeth restored by a dentin bonding agent and a posterior composite resin. The Journal of Prosthetic Dentistry. 1991;65(1):80-85. doi:10.1016/0022-3913(91)90054-Z

37.

Giordano RA, Pelletier L, Campbell S, Pober R. Flexural strength of an infused ceramic, glass ceramic, and feldspathic porcelain. The Journal of Prosthetic Dentistry. 1995;73(5):411-418. doi:10.1016/S0022-3913(05)80067-8

38.

Krämer N, Frankenberger R, Pelka M, Petschelt A. IPS Empress inlays and onlays after four years — a clinical study. Journal of Dentistry. 1999;27(5):325-331. doi:10.1016/S0300-5712(98)00059-1

39.

Leinfelder K. New developments in resin restorative systems. New developments in resin restorative systems. 1997;128(5):573-581. doi:10.14219/jada.archive.1997.0256

40.

Rosenstiel SF, Gupta PK, Van Der Sluys RA, Zimmerman MH. Strength of a dental glass-ceramic after surface coating. Dental Materials. 1993;9(4):274-279. doi:10.1016/0109-5641(93)90074-Z

41.

Magne P, Douglas WH. Porcelain veneers: dentin bonding optimization and biomimetic recovery of the crown. The International journal of prosthodontics. 1999;12(2):111-121.

42.

Zeng K, Oden A, Rowcliffe D. Evaluation of Mechanical Properties of Dental Ceramic Core Materials in Combination With Porcelains . The International journal of prosthodontics. 1998;11(2):183-189.

43.

Nakamura T, Ohyama T, Imanishi A, Nakamura T, Ishigaki S. Fracture resistance of pressable glass-ceramic fixed partial dentures. Journal of Oral Rehabilitation. 2002;29(10):951-955. doi:10.1046/j.1365-2842.2002.00929.x

44.

Stokes AN, Hood JAA. Impact fracture characteristics of intact and crowned human central incisors. Journal of Oral Rehabilitation. 1993;20(1):89-95. doi:10.1111/j.1365-2842.1993.tb01518.x

45.

Amalgam alternatives - micro-leakage evaluation of clinical procedures. Part I: direct composite/composite inlay/ceramic inlay. Journal of Oral Rehabilitation.

1998;25(6):443-447. doi:10.1046/j.1365-2842.1998.00257.x

46.

Valenti M, Valenti A. Retrospective survival analysis of 261 lithium disilicate crowns in a private general practice . Quintessence International. 2009;40(7):573-579.

47.

Denry, I. L. Effect of Ion Exchange on the Microstructure, Strength, and Thermal Expansion Behavior of a Leucite-reinforced Porcelain. Effect of Ion Exchange on the Microstructure, Strength, and Thermal Expansion Behavior of a Leucite-reinforced Porcelain. Journal of Dental Research. 77(4):583-588.

48.

Andersson M, Razzoog ME, Oden A, Hegenbarth EA, Lang BR. PROCERA: A new way to achieve an all-ceramic crown . Quintessence International. 1998;29(5):185-196.

49.

Bergman MA. The Clinical performance of ceramic inlays: A review. Australian Dental Journal. 1999;44(3):157-168. doi:10.1111/j.1834-7819.1999.tb00217.x

50.

Conrad HJ, Seong WJ, Pesun IJ. Current ceramic materials and systems with clinical recommendations: A systematic review. The Journal of Prosthetic Dentistry. 2007;98(5):389-404. doi:10.1016/S0022-3913(07)60124-3

51.

Donly KJ, Jensen ME, Triolo P, Chan D. A clinical comparison of resin composite inlay and onlay posterior restorations and cast-gold restorations at 7 year . Quintessence International. 1999;30(3):163-168.

52.

Giordano R. Materials for chairside CAD/CAM-produced restorations . Journal of the American Dental Association. 2006;137(9 Supp 1):S14-S21.
doi:10.14219/jada.archive.2006.0397

53.

Guazzato M, Albakry M, Ringer SP, Swain MV. Strength, fracture toughness and microstructure of a selection of all-ceramic materials. Part II. Zirconia-based dental ceramics. Dental Materials. 2004;20(5):449-456. doi:10.1016/j.dental.2003.05.002

54.

Lutz F, Göhring TN. Masters of Esthetic Dentistry. Journal of Esthetic and Restorative Dentistry. 2000;12(3):164-171. doi:10.1111/j.1708-8240.2000.tb00216.x

55.

Martin N, Jedynakiewicz NM. Clinical performance of CEREC ceramic inlays: a systematic review. Dental Materials. 1999;15(1):54-61. doi:10.1016/S0109-5641(99)00014-7

56.

Otto T, De Nisco S. Computer--aided direct ceramic restorations: A 10-year prospective clinical study of cerec CAD/CAM inlays and onlays. The International Journal of Prosthodontics . 2002;15(2):122-128.

57.

Palin W, Burke F. Article. Dental Update Leading Dental Journal for CPD. 2005;32(10):566-572.

58.

Sadowsky SJ. An overview of treatment considerations for esthetic restorations: A review of the literature. The Journal of Prosthetic Dentistry. 2006;96(6):433-442. doi:10.1016/j.prosdent.2006.09.018

59.

Touati, Bernard, Miara, Paul, Nathanson, Dan. Esthetic Dentistry and Ceramic Restorations. Martin Dunitz; 1999. doi:10.1201/9781003040002

60.

Ab-Ghani Z, Ngo H, McIntyre J. Effect of remineralization/demineralization cycles on mineral profiles of Fuji IX Fast in vitro using electron probe microanalysis. Australian Dental Journal. 2007;52(4):276-281. doi:10.1111/j.1834-7819.2007.tb00502.x

61.

Botelho MG. Inhibitory Effects on Selected Oral Bacteria of Antibacterial Agents Incorporated in a Glass Ionomer Cement. Caries Research. 2003;37(2):108-114. doi:10.1159/000069019

62.

Burke F, Fleming G, Owen F, Watson D. Materials for Restoration of Primary Teeth: 2. Glass Ionomer Derivatives and Compomers . Dental Update Leading Dental Journal for CPD. 2002;29(1):10-17.

63.

Culbertson BM. New polymeric materials for use in glass-ionomer cements. Journal of Dentistry. 2006;34(8):556-565. doi:10.1016/j.jdent.2005.08.008

64.

Exterkate RAM, Damen JJM, ten Cate JM. Effect of Fluoride-Releasing Filling Materials on Underlying Dentinal Lesions in vitro. Caries Research. 2005;39(6):509-513. doi:10.1159/000088188

65.

Frencken JE, Makoni F, Sithole WD. ART restorations and glass ionomer sealants in Zimbabwe: survival after 3 years. Community Dentistry and Oral Epidemiology. 1998;26(6):372-381. doi:10.1111/j.1600-0528.1998.tb01975.x

66.

Hu JY, Li YQ, Smales RJ, Yip KHK. Restoration of teeth with more-viscous glass ionomer cements following radiation-induced caries. *International Dental Journal*. 2002;52(6):445-448. doi:10.1111/j.1875-595X.2002.tb00640.x

67.

Kakaboura A, Eliades G, Palaghias G. An FTIR study on the setting mechanism of resin-modified glass ionomer restoratives. *Dental Materials*. 1996;12(3):173-178. doi:10.1016/S0109-5641(96)80017-0

68.

Kent BE, Lewis BG, Wilson AD. The properties of a glass ionomer cement. *British Dental Journal*. 1973;135(7):322-326.

69.

Krämer N, Frankenberger R. *Dental Materials: Clinical performance of a condensable metal-reinforced glass ionomer cement in primary molars*. *British Dental Journal*. 2001;190(6):317-321. doi:10.1038/sj.bdj.4800960

70.

Lee SY, Dong DR, Huang HM, Shih YH. Fluoride ion diffusion from a glass-ionomer cement. *Journal of Oral Rehabilitation*. 2000;27(7):576-586. doi:10.1046/j.1365-2842.2000.00554.x

71.

McCabe JF. Resin-modified glass-ionomers. *Biomaterials*. 1998;19(6):521-527. doi:10.1016/S0142-9612(98)00132-X

72.

Moshaverinia A, Ansari S, Movasaghi Z, Billington RW, Darr JA, Rehman IU. Modification of

conventional glass-ionomer cements with N-vinylpyrrolidone containing polyacids, nano-hydroxy and fluoroapatite to improve mechanical properties. *Dental Materials*. 2008;24(10):1381-1390. doi:10.1016/j.dental.2008.03.008

73.

Moshaverinia A, Ansari S, Moshaverinia M, Roohpour N, Darr JA, Rehman I. Effects of incorporation of hydroxyapatite and fluoroapatite nanobioceramics into conventional glass ionomer cements (GIC). *Acta Biomaterialia*. 2008;4(2):432-440. doi:10.1016/j.actbio.2007.07.011

74.

Moshaverinia A, Roohpour N, Ansari S, et al. Effects of N-vinylpyrrolidone (NVP) containing polyelectrolytes on surface properties of conventional glass-ionomer cements (GIC). *Dental Materials*. 2009;25(10):1240-1247. doi:10.1016/j.dental.2009.05.006

75.

MOSHAVERINIA A, ROOHPOUR N, REHMAN I. Synthesis and characterization of a novel fast-set proline-derivative-containing glass ionomer cement with enhanced mechanical properties. *Acta Biomaterialia*. 2009;5(1):498-507. doi:10.1016/j.actbio.2008.06.011

76.

Nakajo K, Imazato S, Takahashi Y, Kiba W, Ebisu S, Takahashi N. Fluoride released from glass-ionomer cement is responsible to inhibit the acid production of caries-related oral streptococci. *Dental Materials*. 2009;25(6):703-708. doi:10.1016/j.dental.2008.10.014

77.

Rothwell M, Anstice HM, Pearson GJ. The uptake and release of fluoride by ion-leaching cements after exposure to toothpaste. *Journal of Dentistry*. 1998;26(7):591-597. doi:10.1016/S0300-5712(97)00035-3

78.

Sidhu SK, Watson TF. Resin-modified glass ionomer materials. A status report for the American Journal of Dentistry. *American journal of dentistry*. 1995;8(1):59-67.

79.

Small ICB, Watson TF, Chadwick AV, Sidhu SK. Water sorption in resin-modified glass-ionomer cements: An in vitro comparison with other materials. *Biomaterials*. 1998;19(6):545-550. doi:10.1016/S0142-9612(97)00135-X

80.

Smith DC. Development of glass-ionomer cement systems. *Biomaterials*. 1998;19(6):467-478. doi:10.1016/S0142-9612(97)00126-9

81.

TAKAHASHI Y, IMAZATO S, KANESHIRO A, EBISU S, FRENCKEN J, TAY F. Antibacterial effects and physical properties of glass-ionomer cements containing chlorhexidine for the ART approach. *Dental Materials*. 2006;22(7):647-652. doi:10.1016/j.dental.2005.08.003

82.

Tay WM, Braden M. Fluoride ion diffusion from polyalkenoate (glass-ionomer) cements. *Biomaterials*. 1988;9(5):454-456. doi:10.1016/0142-9612(88)90012-9

83.

TÜRKÜN LS, TÜRKÜN M, ERTUG˘RUL F, ATES, M, BRUGGER S. Long-Term Antibacterial Effects and Physical Properties of a Chlorhexidine-Containing Glass Ionomer Cement. *Journal of Esthetic and Restorative Dentistry*. 2008;20(1):29-44. doi:10.1111/j.1708-8240.2008.00146.x

84.

Tyas MJ. Clinical studies related to glass ionomers. *Operative dentistry*. 1992;(Supp 5):191-198.

85.

Wiegand A, Buchalla W, Attin T. Review on fluoride-releasing restorative

materials—Fluoride release and uptake characteristics, antibacterial activity and influence on caries formation. *Dental Materials*. 2007;23(3):343-362.
doi:10.1016/j.dental.2006.01.022

86.

Xie D, Brantley WA, Culbertson BM, Wang G. Mechanical properties and microstructures of glass-ionomer cements. *Dental Materials*. 2000;16(2):129-138.
doi:10.1016/S0109-5641(99)00093-7

87.

Xu X, Burgess JO. Compressive strength, fluoride release and recharge of fluoride-releasing materials. *Biomaterials*. 2003;24(14):2451-2461. doi:10.1016/S0142-9612(02)00638-5

88.

Yap AUJ, Pek YS, Cheang P. Physico-mechanical properties of a fast-set highly viscous GIC restorative. *Journal of Oral Rehabilitation*. 2003;30(1):1-8.
doi:10.1046/j.1365-2842.2003.01006.x

89.

Young A. FTIR investigation of monomer polymerisation and polyacid neutralisation kinetics and mechanisms in various aesthetic dental restorative materials. *Biomaterials*. 2004;25(5):823-833. doi:10.1016/S0142-9612(03)00599-4

90.

Akerboom HBM, Advokaat JGA, Amerongen WE, Borgmeijer PJ. Long-term evaluation and reresoration of amalgam restorations. *Community Dentistry and Oral Epidemiology*. 1993;21(1):45-48. doi:10.1111/j.1600-0528.1993.tb00718.x

91.

Collins CJ, Bryant RW. Finishing of amalgam restorations: a three-year clinical study. *Journal of Dentistry*. 1992;20(4):202-206. doi:10.1016/0300-5712(92)90074-M

92.

Schmalz G. Use of cell cultures for toxicity testing of dental materials—advantages and limitations. *Journal of Dentistry*. 1994;22:S6-S11. doi:10.1016/0300-5712(94)90032-9

93.

Sune Larsson K. Screening tests for systemic effects of dental materials. *Journal of Dentistry*. 1994;22:S12-S15. doi:10.1016/0300-5712(94)90033-7

94.

Warfvinge G. Screening tests for sensitization potential of dental materials. *Journal of Dentistry*. 1994;22:S16-S20. doi:10.1016/0300-5712(94)90034-5

95.

Browne RM. Animal tests for biocompatibility of dental materials—relevance, advantages and limitations. *Journal of Dentistry*. 1994;22:S21-S24. doi:10.1016/0300-5712(94)90035-3

96.

Goldberg M, Lasfargues JJ, Legrand JM. Clinical testing of dental materials— histological considerations. *Journal of Dentistry*. 1994;22:S25-S28. doi:10.1016/0300-5712(94)90036-1

97.

Hørsted-Bindslev P. Clinical testing of dental materials— general clinical aspects. *Journal of Dentistry*. 1994;22:S29-S32. doi:10.1016/0300-5712(94)90037-X

98.

Eley BM. The future of dental amalgam: a review of the literature. Part 1: Dental amalgam structure and corrosion. *British Dental Journal*. 1997;182(7):247-249.
<https://contentstore.cla.co.uk/secure/link?id=6bde52ce-e26f-e811-80cd-005056af4099>

99.

Eley BM. The future of dental amalgam: a review of the literature. Part 2: Mercury exposure in dental practice. British Dental Journal. 1997;182(8):293-297.
<https://contentstore.cla.co.uk/secure/link?id=0b90535a-e06f-e811-80cd-005056af4099>

100.

Eley BM. The future of dental amalgam: a review of the literature. Part 3: Mercury exposure from amalgam restorations in dental patients. British Dental Journal. 1997;182(9):333-338.
<https://contentstore.cla.co.uk/secure/link?id=bc870e94-b470-e811-80cd-005056af4099>

101.

Eley BM. The future of dental amalgam: a review of the literature. Part 4: Mercury exposure hazards and risk assessment. British Dental Journal. 1997;182(10):373-381.
doi:10.1038/sj.bdj.4809393

102.

Eley BM. The future of dental amalgam: a review of the literature. Part 5: Mercury in the urine, blood and body organs from amalgam fillings. British Dental Journal. 1997;182(11):413-417.

103.

Eley BM. The future of dental amalgam: a review of the literature. Part 6: Possible harmful effects of mercury from dental amalgam. British Dental Journal. 1997;182(12):455-459.
<https://contentstore.cla.co.uk/secure/link?id=5bcaeea4-b370-e811-80cd-005056af4099>

104.

Eley BM. The future of dental amalgam: a review of the literature. Part 7: Possible alternative materials to amalgam for the restoration of posterior teeth. British Dental Journal. 1997;183(1):11-14.
<https://contentstore.cla.co.uk/secure/link?id=36aac76f-b370-e811-80cd-005056af4099>

105.

Ritchie KA, Burke FJT, Gilmour WH, et al. Mercury vapour levels in dental practices and body mercury levels of dentists and controls. *British Dental Journal*. 2004;197(10):625-632. doi:10.1038/sj.bdj.4811831

106.

Gruythuysen RJM, Kreulen CM, Tobi H, Amerongen E, Akerboom HBM. 15-year evaluation of Class II amalgam restorations. *Community Dentistry and Oral Epidemiology*. 1996;24(3):207-210. doi:10.1111/j.1600-0528.1996.tb00843.x

107.

Jones DW. The enigma of amalgam in dentistry. *Journal of the Canadian Dental Association*. 1993;59(2):155-166.

108.

Jones DW. Has Dental Amalgam Been Torpedoed and Sunk? *Journal of Dental Research*. 2008;87(2):101-102. doi:10.1177/154405910808700203

109.

Osborne J. Amalgam: dead or alive? *Dental Update Leading Dental Journal for CPD*. 2008;33(2):94-98.

110.

Wahl M. Dental materials: A Resin Alternative for Posterior Teeth: Questions and Answers on Dental Amalgam. *Dental Update Leading Dental Journal for CPD*. 2003;30(5):256-262.

111.

Sfikas P. Can a dentist ethically remove serviceable amalgam restorations? *Journal of the American Dental Association*. 1996;127(5):685-687. doi:10.14219/jada.archive.1996.0282

112.

Wataha JC. Principles of biocompatibility for dental practitioners. The Journal of Prosthetic Dentistry. 2001;86(2):203-209. doi:10.1067/mpr.2001.117056

113.

Adabo GL, Zanarotti E, Fonseca RG, Cruz CA dos S. Effect of disinfectant agents on dimensional stability of elastomeric impression materials. The Journal of Prosthetic Dentistry. 1999;81(5):621-624. doi:10.1016/S0022-3913(99)70219-2

114.

Beier US, Grunert I, Kulmer S, Dumfahrt H. Quality of impressions using hydrophilic polyvinyl siloxane in a clinical study of 249 patients. The International Journal of Prosthodontics . 2007;20(3):270-274.

115.

Brown D. Materials for impressions. Dental Update Leading Dental Journal for CPD. 2004;31(1):40-45.

116.

Ceyhan JA, Johnson GH, Lepe X. The effect of tray selection, viscosity of impression material, and sequence of pour on the accuracy of dies made from dual-arch impressions. The Journal of Prosthetic Dentistry. 2003;90(2):143-149. doi:10.1016/S0022-3913(03)00276-2

117.

Hondrum SO. Changes in properties of nonaqueous elastomeric impression materials after storage of components. The Journal of Prosthetic Dentistry. 2001;85(1):73-81. doi:10.1067/mpr.2001.112407

118.

Johnson GH, Lepe X, Aw TC. The effect of surface moisture on detail reproduction of elastomeric impressions. The Journal of Prosthetic Dentistry. 2003;90(4):354-364.

doi:10.1016/S0022-3913(03)00429-3

119.

Millar BJ, Dunne SM, Robinson PB. The effect of a surface wetting agent on void formation in impressions. *The Journal of Prosthetic Dentistry*. 1997;77(1):54-56.
doi:10.1016/S0022-3913(97)70207-5

120.

Nissan J, Laufer BZ, Brosh T, Assif D. Accuracy of three polyvinyl siloxane putty-wash impression techniques. *The Journal of Prosthetic Dentistry*. 2000;83(2):161-165.
doi:10.1016/S0022-3913(00)80007-4

121.

Wadhwani CPK, Johnson GH, Lepe X, Raigrodski AJ. Accuracy of newly formulated fast-setting elastomeric impression materials. *The Journal of Prosthetic Dentistry*. 2005;93(6):530-539. doi:10.1016/j.prosdent.2005.03.007

122.

Chai J, Takahashi Y, Lautenschlager EP. Clinically relevant mechanical properties of elastomeric impression materials. *The International Journal of Prosthodontics* . 1998;11(3):219-223.

123.

Federick D, Caputo A. Comparing the accuracy of reversible hydrocolloid and elastomeric impression materials. *Journal of the American Dental Association*. 1997;128(2):183-188.
doi:10.14219/jada.archive.1997.0162

124.

Christensen G. Laboratories want better impressions. *Journal of the American Dental Association*. 2007;138(4):527-529. doi:10.14219/jada.archive.2007.0207

125.

McCullagh A, Sweet C, Ashley M. Making a Good Impression (A 'How to' Paper on Dental Alginate) . Dental Update Leading Dental Journal for CPD. 2005;32(3):169-175.

126.

Stewardson DA. Trends in Indirect Dentistry: 5. Impression Materials and Techniques. Dental Update Leading Dental Journal for CPD. 2005;32(7):374-393.

127.

Donovan TE, Chee WW. A review of contemporary impression materials and techniques. The dental clinics of North America. 2004;48(2):445-470.

128.

Martinez JE, Combe EC, Pesun IJ. Rheological properties of vinyl polysiloxane impression pastes. Dental Materials. 2001;17(6):471-476. doi:10.1016/S0109-5641(00)00100-7

129.

Taylor RL, Wright PS, Maryan C. Disinfection procedures: their effect on the dimensional accuracy and surface quality of irreversible hydrocolloid impression materials and gypsum casts. Dental Materials. 2002;18(2):103-110. doi:10.1016/S0109-5641(01)00027-6

130.

Pamenius M, Ohlson NG. Influence of dimensional stability of impression materials on the probability of acceptance of a prosthetic restoration. Biomaterials. 1995;16(15):1193-1197. doi:10.1016/0142-9612(95)93586-3

131.

Walker MP, Rondeau M, Petrie C, Tasca A, Williams K. Surface Quality and Long-term Dimensional Stability of Current Elastomeric Impression Materials after Disinfection. Journal of Prosthodontics. 2007;16(5):343-351. doi:10.1111/j.1532-849X.2007.00206.x

132.

Giordano R. Impression materials: basic properties. General dentistry. 2000;48(5):510-516.
<https://contentstore.cla.co.uk/secure/link?id=fdd2082b-0773-e811-80cd-005056af4099>

133.

Kanehira M, Finger W, Komatsu Masashi . Surface detail reproduction with new elastomeric dental impression materials . Quintessence International . 2007;38(6):479-488.

134.

Jagger DC, et.al. The effect of a range of disinfectants on the dimensional accuracy and stability of some impression materials. Journal of prosthodontics and restorative dentistry. 2007;15(1):23-28.

135.

Chee W, Jivraj S. Impression techniques for implant dentistry. British Dental Journal. 2006;201(7):429-432. doi:10.1038/sj.bdj.4814118

136.

Wassell RW, Barker D, Walls AWG. Crowns and other extra-coronal restorations: Impression materials and technique. British Dental Journal. 2002;192(12):679-690. doi:10.1038/sj.bdj.4801456

137.

Brown D. Article. Dental Update Leading Dental Journal for CPD. 2005;32(10):583-586.

138.

Carrotte P. Endodontics: Part 7 Preparing the root canal. British Dental Journal. 2004;197(10):603-613. doi:10.1038/sj.bdj.4811823

139.

Noble J, Ahing SI, Karaiskos NE, Wiltshire WA. Nickel allergy and orthodontics, a review and report of two cases. *BDJ*. 2008;204(6):297-300. doi:10.1038/bdj.2008.198

140.

Scott A, Egner W, Gawkrödger DJ, et al. The national survey of adverse reactions to dental materials in the UK: a preliminary study by the UK Adverse Reactions Reporting Project. *British Dental Journal*. 2004;196(8):471-477. doi:10.1038/sj.bdj.4811176

141.

Wassell RW, Walls AWG, Steele JG. Crowns and extra-coronal restorations: Materials selection. *British Dental Journal*. 2002;192(4):199-211. doi:10.1038/sj.bdj.4801334

142.

Walls AWG, Nohl FSA, Wassell RW. Crowns and other extra-coronal restorations: Resin-bonded metal restorations. *British Dental Journal*. 2002;193(3):135-142. doi:10.1038/sj.bdj.4801506

143.

Schäfer E, Lau R. Comparison of cutting efficiency and instrumentation of curved canals with nickel-titanium and stainless-steel instruments. *Journal of Endodontics*. 1999;25(6):427-430. doi:10.1016/S0099-2399(99)80272-6

144.

Thompson SA. An overview of nickel-titanium alloys used in dentistry. *International Endodontic Journal*. 2000;33(4):297-310. doi:10.1046/j.1365-2591.2000.00339.x

145.

Wiltshire W, Ferreira M, Ligthelm A. Article. *Quintessence International*. 1996;27(8):513-520.
[http://www.quintpub.com/journals/qi/abstract.php?iss2_id=474&article_id=5776&article=2&title=Allergies to dental materials](http://www.quintpub.com/journals/qi/abstract.php?iss2_id=474&article_id=5776&article=2&title=Allergies%20to%20dental%20materials)

146.

Wataha JC, Hanks CT. Biological effects of palladium and risk of using palladium in dental casting alloys. *Journal of Oral Rehabilitation*. 1996;23(5):309-320. doi:10.1111/j.1365-2842.1996.tb00858.x

147.

McCabe JF, Walls A. *Applied Dental Materials*. 9th ed. John Wiley & Sons; 2008. <https://www.123library.org/ebook/id/3663>

148.

Branemark PI, Breine U, Adell R, Hansson O, Lindstrom J, Ahlsson A. Intra-Osseous Anchorage of Dental Prostheses:I. Experimental Studies, *Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery*, Informa Healthcare. *Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery*. 1969;3(2):81-100. doi:9036699