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## REFERÊNCIAS BIBLIOGRÁFICAS

- [1] McKerracher P.W. **Rational restoration of endodontically treated teeth. I. Principles, techniques, and materials.** Aust. Dent. J., vol. 26, n.4, p. 205-208, 1981.
- [2] Trope M.; Haltz D.O.; Trostad L. **Resistance to fracture of restored endodontically treated teeth.** Endod. Dent. Traumatol., vol. 1, p. 108-111, 1985.
- [3] Cailleateau J.G.; Rieger M.R.; Akin J.E. **A comparison of intracanal stresses in a post-restored tooth utilizing the finite element method.** J. Endodon., vol. 18, n.11, p. 540-544, 1992.
- [4] Mori M. **Estudo da distribuição das tensões internas, em um dente natural e em dente restaurado com coroa metalocerâmica e retentor intra-radicular fundido, sob carga axial – método do elemento finito.** Tese de Doutorado, Faculdade de Odontologia da Universidade de São Paulo, 1994.
- [5] Bocangel J.A.J.S. **Estudo das tensões geradas em dentes íntegros e com tratamento endodôntico, restaurados com retentores intraradiculares de diferentes materiais e coroa de porcelana.** Tese de Mestrado, São Paulo, Faculdade de Odontologia da Universidade de São Paulo, 1999.
- [6] Kantor M.E.; Pines M.A. **A comparative study of restorative techniques for pulpless teeth.** J. Prosthet. Dent., vol. 38, n.4, p. 405-412, 1977.
- [7] Guzy G.E.; Nicholls J.I. **In vitro comparison of intact endodontically treated teeth with and without endo- post reinforcement.** J. Prosthet. Dent., vol.42, n.1, p. 39-44, 1979.
- [8] Standlee J.P.; Caputo A.A. **Biomechanics.** CDA Journal, vol. 16, n.11, p. 49-58, 1988.
- [9] Hirschfeld Z.; Stern N. **Post and core – the biomechanical aspect.** Aust. Dent. J., vol 17, n.6, p. 467-468, 1972.
- [10] Thresher R.W.; Saito G.E. **The stress analysis of human teeth.** J. Biomech., vol. 6, n.5, p. 443-449, 1973.
- [11] Reinhardt R.A.; Krejci R.F.; Pão Y.C.; Stannard J.G. **Dentine stresses in post-reconstructed teeth with diminishing bone support.** J. Dent. Res., vol 62, n.9, p. 1002-1008, 1983.
- [12] De Sort D.K. **The prosthodontic use of endodontically treated teeth. Theory and biomechanics of post preparation.** J. Prosthet Dent, vol 49, p.203-206, 1983.

- [13] Pierrisnard L.; Augereau D.; Degrange M. **Comportement mécanique des structures dentaires et osseuses. I. Influence de la longueur, du diamètre et du profil du tenon radiculare, influence du support paradontal.** Cah. Proth., vol. 87, p.21-32, 1994.
- [14] Pierrisnard L.; Augereau D.; Degrange M.; Barquins M. **Comportement mécanique des structures dentaires et osseuses. II. Analyse de la répartition des contraintes em fonction du type de reconstituion corono-radriculaire.** Cah. Proth., vol. 88, p. 7-13, 1994.
- [15] Lucas L.V.M. de; Verri F.R.; Silva E.M.M. **Tratamento protético de dentes despulpados: preparos intra-radculares e opções de restaurações. Revisão bibliográfica.** Rev. Reg. Araçatuba A.P.C.D., vol. 22. n.2, p. 20-24, 2001.
- [16] Sorensen J.A. **Preservation of tooth structure.** J. Calif. Dent. Assoc., vol. 16, n.11, p. 15-22, 1988.
- [17] Asmussen E.; Peutzfeldt A.; Heitmann T. **Stiffness, elastic limit, and strength of newer types of endodontic posts.** J. Dentistry., vol. 27, n.4, p. 275-278, 1999.
- [18] Cardoso R.J.A.; Gonçalves E.A.N. **Odontologia estética.** Editora Artes Médicas Ltda., São Paulo, p. 170-184, 2002.
- [19] Turner M.J.; Clough R.H.; Martin H.C.; Topp L.J. **Stiffness and deflection analysis of complex structures.** J. Aero. Sci., vol. 23, p. 805-823, 1956.
- [20] Farah J.W.; Craig R.G.; Sikarskie D.C. **Photoelastic and finite element stress analysis of a restored axisymmetric first molar.** J. Biomech, vol. 6, p. 511-520, 1973.
- [21] Vree J.H.P.; Peters M.C.R.B.; Plasschaert A.J.M. **A comparison of photoelastic and finite element analysis in restored tooth structures.** J. Oral Rehabil., vol. 10, n.6, p.505-517, 1983.
- [22] Vasconcellos A.B. **Estudo das tensões em prótese parcial fixa livre de metal e em metalocerâmica - método dos elementos finitos.** Tese de Doutorado, Faculdade de Odontologia da Universidade de São Paulo, 2001.
- [23] A.P.C.D.; Revista Regional de Araçatuba, vol.22, n.2, p. 20-24, 2001.
- [24] Siqueira J.F. **Tratamento das infecções endodônticas.** Editora Médica e Científica Ltda., Rio de Janeiro, p. 134-135, 1997
- [25] Lopes H.P.; Siqueira J.F. **Endodontia – Biologia e técnica.** Editora Médica e Científica Ltda., Rio de Janeiro, p. 425-457, 1999.
- [26] Paiva J.G.; Antoniazzi J.H. **Endodontia – base para a prática clínica.** Editora Artes Médicas, 2ª edição, São Paulo, p. 647-673, 1991.
- [27] Shillinburg H.T.; Hobo S.; Whitsett L.D. **Fundamentos de prótese fixa.:** Quintessence, Chicago, p. 78-79, 1987.

- [28] Deutsch A.; Musikant B.L.; Cohen B.I. **Rational predictable posthole preparation**. Compendium, vol. 18, n.6, p. 626-634, 1997.
- [29] Abdullah S.I.; Mohamed H.; Thayer K.E. **Restoration of endodontically treated teeth. A review**. J. Can. Dent. Assoc., vol. 40, n. 4, p. 300-303, 1974.
- [30] Morgano S.M. **Restoration of pulpless teeth: application of traditional principles in present and future contexts**. J. Prosthet. Dent., vol. 75, n.4, p. 375-380, 1996.
- [31] Morgano S.M.; Brackett S.E. **Foundation restoration in fixed prosthodontics: current knowledge and future needs**. J. Prosthet. Dent., vol. 82, n.6, p. 643-657, 1999.
- [32] Colman H.L. **Restoration of endodontically treated teeth**. Dent. Clin. North Am., vol. 23, n.4, p. 647-662, 1979.
- [33] Davy D.T.; Dilley G.L.; Krejci R.F. **Determinations of stress patterns in root incorporating various dowel designs**. J. Dent. Res., vol. 60, p. 1301-1310, 1981.
- [34] Ko C.-C.; Chu C.-S.; Chung K.-H.; Lee M.-C. **Effect of posts on dentin stress distribution in pulpless teeth**. J. Prosthet. Dent., vol. 68, n.3, p. 421-427, 1992.
- [35] Sorensen J.A.; Martinoff J.T. **Intracoronar reinforcement and coronal coverage: A study of endodontically treated teeth**. J. Prosthet. Dent., vol. 51, n.6, p. 780-784, 1984.
- [36] Assif D.; Bitenski A.; Pilo R.; Oren E. **Effect of post design on resistance to fracture of endodontically treated teeth with complete crowns**. J. Prosthet. Dent., vol. 69, n.1, p. 36-40, 1993.
- [37] Assif D.; Gorfil C. **Biomechanical considerations in restoring endodontically treated teeth**. J. Prosthet. Dent., vol. 71, p. 535-543, 1994.
- [38] Ho M.-H.; Lee S.-Y.; Chen H.-H.; Lee M.-C. **Three dimensional finite element analysis of the effects of posts on stress distribution in dentin**. J. Prosthet. Dent., vol. 72, p. 367-372, 1994.
- [39] Rosenberg P.A.; Antonoff S.J. **Gold posts – common problems in preparation and technique for fabrications**. N. Y. State J., vol. 37, n.10, p. 601-606, 1971.
- [40] Trabert K.C.; Caputo A.A.; Abou-Rass M. **Tooth fracture – a comparison of endodontic and restorative treatments**. J. Endod., vol.4, n.11, p. 341-345, 1978.
- [41] Trabert K.C.; Cooney J.P. **The endodontically treated tooth**. Dent. Clin. North Am., vol. 28, n.4, p. 923-951, 1984.

- [42] Hunter A.J.; Feiglin B.; Williams J.F. **Effects of post placement on endodontically treated teeth.** J. Prosthet. Dent., vol. 62, n.2, p. 166-172, 1989.
- [43] Lloyd P.; Palik J. **The philosophies of dowel diameter preparation: A literature review.** J. Prosthet. Dent., vol. 64, n.1, p. 32-40, 1993.
- [44] Millot P.; Stein R.S. **Root fracture in endodontically treated teeth related to post selection and crown design.** J. Prosthet. Dent., vol. 68, n.3, p. 428-434, 1992.
- [45] Johnson J.K.; Sakumura J.S. **Dowel form and tensile force.** J. Prosthet. Dent., vol. 40, n.6, p. 645-649, 1978.
- [46] Hunt P.; Gogarnoir D. **Evolution of post dimensions on stress distribution in dentin.** J. Prosthet. Dent., vol. 75, n.2, p.140-147, 1996.
- [47] Standlee J.P.; Caputo A.A.; Collard E.W.; Pollack M.H. **Analysis of stress distribution by endodontics posts.** Oral Surg. Oral Med. Oral Pathol., vol. 33, n.6, p. 952-960, 1972.
- [48] Henry P.J. **Photoelastic analysis of post core restorations.** Aust. Dent. J., vol. 22, n.3, p. 157-164, 1977.
- [49] Spangler C.C. **Post and cores: some new ideas.** Dent. Surv., vol. 56, n.6, p. 33-35, 1980.
- [50] Turner C.H. **Post-retained crown failure: a survey.** Dental Update, vol. 9, n.4, p. 221-234, 1982.
- [51] Newman M.P.; Yaman P.; Dennison J. **Fracture resistance of endodontically treated teeth restored with composite posts.** J. Prosthet. Dent., vol. 89, n.4, p. 360-367, 2003.
- [52] Akkayan B.; Gulmez T. **Resistance to fracture of endodontically treated teeth restored with different post systems.** J. Prosthet. Dent., vol. 87, n.4, p. 431-437, 2002.
- [53] Fischer H.; Rentsch W.; Marx R. **Elimination of low-quality ceramic posts by proof testing.** Dental Materials, vol. 18, n.8, p. 570-575, 2002.
- [54] Hatzikyriakos A.H.; Heisis G.I.; Tsingos N.A. **3-year postoperative clinical evaluation of posts and cores beneath existing crowns.** J. Prosthet. Dent., vol. 67, n.4, p. 454-458, 1992.
- [55] Pierrisnard L.; Augereau D.; Degrange M.; Barquins M. **Comportement mécanique des structures dentaires et osseuses. III. Influence du matériau constituant le tenon radiculaire.** Cah. Proth., vol. 89, p. 7-14, 1995.
- [56] Isidor F.; Odman P.; Brondum K. **Intermittent loading of teeth restored using prefabricated carbon fiber posts.** Int. Prosthodont, vol. 9, n.2, p. 131-136, 1996.

- [57] Veiga J.A.L. **Distribuição das tensões de von Mises em dente hígido e em dente restaurado com coroa metalo-cerâmica e retentor intraradicular fundido, sob carga axial e carga horizontal.** Tese de Doutorado, Faculdade de Odontologia da Universidade de São Paulo, 1996.
- [58] Sidoli G.E.; King P.A.; Setchell D.J. **An in vitro evaluation of a carbon fiber-based post and core system.** J. Prosthet. Dent., vol. 78, p. 5-9, 1997.
- [59] Yaman S.D.; Alaçam T.; Yaman Y. **Analysis of stress distribution in a maxillary central incisor subjected to various post and core applications.** J. Endod., vol. 24, n.2, pp. 107-111, 1998.
- [60] Lambjerg-Hansen H.; Asmussen E. **Mechanical properties of endodontic posts.** J. Oral Rehabil., vol. 24, n.12, p. 882-887, 1997.
- [62] Pegoretti A.; Fambri L.; Zappini G.; Bianchetti M. **Finite element analysis of a glass fibre reinforced composite endodontic post.** Biomaterials, vol. 23, p. 2667-2682, 2002.
- [63] Pest L.B.; Cavalli G.; Bertani P.; Gagliani M. **Adhesive post-endodontic restorations with fiber posts: push-out tests and SEM observations.** Dental Materials, vol. 18, n.8, p. 596-602, 2002.
- [64] Rocha I.J.P.B. **Estudo das tensões em dente restaurado com coroa metalocerâmica e dois formatos de retentores intra-radulares – método dos elementos finitos.** Tese de doutorado, Faculdade de Odontologia da Universidade de São Paulo, 2000.
- [65] Yang H-S.; Lang L.A.; Molina A.; Felton D.A. **The effect of dowel design and load direction on dowel-and-core restorations.** J. Prosthet. Dent., vol. 85, n.6, p. 558-567, 2001.
- [66] Sorensen J.A.; Engelman M.F. **Effect of post adaptation on fracture resistance of endodontically treated teeth.** J. Prosthet. Dent., vol. 64, n.4, p. 419-424, 1990.
- [67] Kahn F.H.; Rosenberg P.A.; Schulman A.; Pines M. **Comparison of fatigue for three prefabricated threaded post systems.** J. Prosthet. Dent., vol. 75, n.2, p. 148-153, 1996.
- [68] Cohen B.I.; Pagnillo M.K.; Condos S.; Deutsch A.S. **Four materials measured for fracture strength in combination with five designs of endodontic posts.** J. Prosthet. Dent., vol. 76, n.5, p. 487-495, 1996.
- [69] Martinez-Insua A.; Da Silva L.; Rilo B.; Santana U. **Comparison of the fracture resistences of pulpless teeth restored with a cast post and core or carbon-fiber with a composite core.** J. Prosthet. Dent., vol. 80, n.5, p. 527-532, 1998.
- [70] Butz F.; Lennon A.; Heydecke G.; Strub J.R. **Survival rate and fracture strength of endodontically treated maxillary incisors with moderate coronal defects restored with different post-and-core systems: an in vitro study.** J. Prosthodont., vol. 14, p. 58-64, 2001.

- [71] Heydecke G.; Butz F.; Hussein A.; Strub J.R. **Fracture strength after dynamic loading of endodontically treated teeth restored with different post-and-core systems.** J. Prosthet. Dent., vol.87, n.4, p. 438-445, 2002.
- [72] Segerlind L.J. **Applied finite elements analysis.** Editora John Wiley & Sons, Michigan, p. 1-9, 1976.
- [73] Simulação Computacional – Introdução à análise por elementos finitos, Internet, 2003.
- [74] Zienkiewicz O.C. **The Finite Element Method**, Vol. 1, Editora W.B. Saunders, 4ª edição, 1989.
- [75] Logan D. L. **A First Course in the Finite Element Method.** Editora PWS-Kent, 2ª edição, 1992.
- [76] Cook R.D; Malkus D.S.; Plesha M.E.; Witt R.J. **Concepts and applications of finite elements analysis.** Editora John Wiley & Sons, Inc., 4ª edição, 2002.
- [77] Anusavise K.J. **Materiais Dentários.** Editora Guanabara Koogan, 10ª edição, Rio de Janeiro, 1998.
- [78] Meyers M.A.; Chawla K.K. **Princípios de metalurgia mecânica.** Editora Edgard Blucher Ltda, São Paulo, 1982.
- [79] Holmes D.; Diaz-Arnold A.M.; Leary J.M. **Influence of post dimensions on stress distribution in dentin.** J. Prosthet. Dent., vol.75, n.2, p. 140-147, 1996.
- [80] Vasconcellos A.B. **Estudo das tensões em prótese parcial fixa, com dois sistemas de retenção corono-radicular: pinos pré-fabricados e retentores intra-radulares fundidos – método dos elementos fundidos.** Tese de Mestrado, Faculdade de Odontologia da Universidade de São Paulo, 1998.
- [81] Yang H-S.; Lang L. A.; Guckes A. D.; Felton D. A. **The effect of thermal change on various dowel-and-core restorative materials.** J. Prosthet Dent., vol.86, n.1, p. 74-80, 2001.
- [82] Pierrisnard L.; Bohin F.; Renault P.; Barquins M. **Corono-radicular reconstruction of pulpless teeth: A mechanical study using finite elements analysis.** J. Prosthet Dent., vol.88, n.4, p. 442-448, 2002.
- [83] Torparli M.; Sasaki S. **Finite element analysis of the temperature and thermal stress in a postrestored tooth.** J Oral Rehabilitation, vol.30, p.921-926, 2003.
- [84] Albuquerque R.C.; Polleto L.T.A.; Fontana R.H.B.T.S.; Cimini Jr. C.A. **Stress analysis of a upper central incisor restored with different posts.** J. Oral Rehabilitation, vol.30, p.936-943, 2003.
- [85] Wheeler R.C. **An Atlas of tooth form.** Editora WB Saunders, Philadelphia, 1984.

- [86] Cantisano W.; Palhares W.R.; Santos H.J. **Anatomia dental e escultura**. Editora Guanabara Koogan, 1987.
- [87] Autodesk, Inc.-USA, 2000.
- [88] Grant D.; Stern B.; Everett F. **Orban's periodontics: a concept-theory and practice**. Editora CV Mosby, 4ª edição, St. Louis, 1972.
- [89] Goldberg A.J.; Burstone C.J. **The use of continuous fiber reinforcement in dentistry**. Dent Materials, vol.8, p. 197-202, 1992.
- [90] Salinas C.A.S.; Garcia F.J.R. **Alternativas estéticas de postes endodónticos em dentes anteriores**. Revista ADM, vol 58, n.3, p. 108-113, 2001.
- [91] Swanson Analysis Systems Inc., Houston, Penn.
- [92] Ivoclar Vivadent Ltda. - Brasil
- [93] Wilcos do Brasil Indústria e Comércio Ltda.
- [94] Angelus Soluções Odontológicas Ltda.
- [95] Cohen B.I.; Pagnillo M.K.; Newman I.; Musikant B.L.; Deutsch A.S. **Cyclic fatigue testing of five endodontic post designs supported by four core materials**. J. Prosthet Dent, vol 78, p. 458-464, 1997.
- [96] Sorensen J.A.; Martinoff J.T. **Clinically significant factors in dowel design**. J. Prosthet Dent, vol. 52, p. 28-35, 1984.
- [97] Lewis R.; Smith B.G.N. **A clinical survey of failed post retained crows**. British Dental Journal, vol. 165, p. 95-97, 1988.
- [98] Hatzikyriakos A.H.; Reisis G.I.; Tsingos N. **A 3-years postoperative clinical evaluation of posts and cores beneath existing crowns**. J. Prosthet Dent, vol.67, p. 454-458, 1992.
- [99] Torbjorner A.; Karlsson S.; Odman P.A. **Survival rate and failure characteristics for two post designs**. J. Prosthet Dent, vol.73, p. 439-444, 1995.
- [100] Cardoso R.J.A.; Gonçalves E.A.N. **Odontologia estética – arte, ciência e técnica**. Editora artes Médica Ltda., São Paulo, 2002.