

# Daniel Decurcio

Associate Professor of Endodontics

**Federal University of Goiás**

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## Work History

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- 2012-09 - Current**      **Associate Professor**  
*Federal University of Goiás, Goiânia, GO*
- 2006-01 - 2012-08**      **Clinical Supervisor Endodontic Unit**  
*Brazilian Dental Association, Goiânia, GO*
- 2002-04 - 2012-08**      **Private Clinical Practice**  
*Private Office, Goiânia, GO*

## Education

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- 2018-08 - 2019-02**      **Postdoctoral Fellowship: Endodontics**  
*University of Adelaide - Adelaide, Austrália*
- 2009-03 - 2011-02**      **Ph.D.: Health Sciences - Endodontics**  
*Federal University of Goiás - Goiânia - Brazil*
- 2005-03 - 2007-07**      **Master of Clinical Dentistry in Endodontics**  
*Federal University of Uberlândia - Uberlândia - Brazil*
- 2002-01 - 2003-12**      **Expert Degree in Endodontics**  
*Brazilian Dental Association - Goiânia, Brazil*
- 1997-03 - 2001-12**      **Dentistry Degree - DDS**  
*Federal University of Goiás - Goiânia, Brazil*

## Accomplishments

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- Supervised 6 Ph.D. thesis, 6 Master's thesis, 15 specializations in Endodontic's monographs, and 16 graduation's monographs.
- Gave more than 40 lectures in different countries, like Brazil, Germany, Australia, Argentina, México, Peru, and Bolívia.
- Participation in Examination Boards of 16 Ph.D. thesis, 38 Master's thesis, and 47 Endodontic specialization monographs.
- Responsible for funding a research project in the area of Digital Endodontics, from the National Council for Scientific and Technological Development (Brasília, BR) – Grant Number: CNPq\_f1b973e886

## Affiliations

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- Member of Brazilian Endodontic Society;
- Member of Brazilian Dental Association;
- Member of the Brazilian Research Society in Dentistry.

## Interests

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Educational outcomes

Endodontic and imaging research

Digital Endodontics

Endodontic diagnoses

Clinical research

Root canal disinfection

## Publications

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### ARTICLES IN SCIENTIFIC JOURNALS

1. Chaves GS; Capeletti LR; Miguel JG; Loureiro MAZ; Silva EJNL; **Decurcio DA**. A novel simplified workflow for guided endodontic surgery in mandibular molars with a thick buccal bone plate: a Case report. *Journal of Endodontics*, v. 48, p. 930-5, 2022.
2. Sousa VC; Alencar AHG; Bueno MR; **Decurcio DA**; Estrela CRA; Estrela C. Evaluation in the danger zone of mandibular molars after root canal preparation using a novel CBCT software. *Brazilian Oral Research*, v. 36, p. 1, 2022.
3. Oliveira HF; Silva Jr, IF; Teixeira, LCG; Camilo, NG; **Decurcio DA**; Guedes OA; Estrela CRA. Influence of different agitation techniques on bacterial reduction in curved root canals. *Australian Endodontic Journal*, v. in press, p. 1, 2022.

4. Alves DRS; **Decurcio DA**; Alencar AHG; Estrela CRA; Souza JB; Pinheiro ALB; Estrela C. Effect of low-power diode laser on infected root canals. *Brazilian Dental Journal*, v. 33, p. 8-17, 2022.
5. Cardoso PC; Chaves GS; **Decurcio DA**; Decurcio RA; Rossi-Fedele G; Magalhães APR. Late discolouration of root treated teeth and subsequent restorative retreatment: three case reports. *Australian Endodontic Journal*, v. 48, p. 169-76, 2022.
6. Dorileo MCGO; Guiraldo RD; Lopes MB; **Decurcio DA**; Guedes OA; Aranha AMF; Borges AH; Gonini-Jr A. Effect of 0.2% Chitosan Associated with Different Final Irrigant Protocols on the Fiber Post Bond Strength to Root Canal Dentin of Bovine Teeth: An In-vitro Study. *The Open Dentistry Journal*, v. 16, p. 1-8, 2022.
7. **Decurcio DA**; Bueno MR; Silva JA; Loureiro MAZ; Sousa-Neto MD; Estrela C. Digital Planning on Guided Endodontics Technology. *Brazilian Dental Journal*, v. 32, p. 23- 33, 2021.
8. Chen CJ; **Decurcio DA**; Rossi-Fedele G; Estrela C; Dogř. Accuracy of periapical and panoramic radiography for detection of root morphologies: a comparative study. *Brazilian Oral Research*, v. 35, p. e065, 2021.
9. Chaves GS; Estrela C; Silva FPY; Silva JA; Alencar AHG; **Decurcio DA**. Cone beam computed tomography application for determining the volume of dental tissue removed on endodontic access. *Iranian Endodontic Journal*, v. 16, p. 85-89, 2021.
10. Rodrigues MNM; Bruno KF; Alencar AHG; Silva JD; Siqueira PC; **Decurcio DA**; Estrela C. Comparative analysis of bond strength to root dentin and compression of bioceramic cements used in regenerative endodontic procedures. *Restorative Dentistry & Endodontics*, v. 46, p. e59, 2021.
11. **Decurcio DA**; Decurcio RA. Trinta anos de contribuição à Odontologia Brasileira. *Revista Odontológica do Brasil Central*, v. 30, p. 1-3, 2021.
12. Loureiro MAZ; Silva JA; Chaves GS; Capeletti LR; Estrela C; **Decurcio DA**. Guided endodontics: The impact of new technologies on complex case solution. *Australian Endodontic Journal*, v.47, p. 664-71, 2021.
13. Silva EJNL; Barbosa AFA; Attademo RS; Lima CO; **Decurcio DA**; Pereira LAP. Acessos endodônticos: o que todo endodontista deve saber. *Dental Press Endodontics*, v. 11, p. 16-28, 2021.
14. Guedes OA; Oliveira HF; Serpa GC; Amorim ACO; Gomes CC; Cruvinel DR; **Decurcio DA**. Análise clínica e epidemiológica de fraturas radiculares na denticção permanente em uma subpopulação brasileira. *Revista Odontológica do Brasil Central*, v. 30, p. 246-259, 2021.
15. Ha W; Chaves GS; **Decurcio DA**; Estrela C; Peters OA; Rossi-Fedele G. Remaining dentinal thickness after simulated post space preparation and the fit of prefabricated posts to root canal preparations shapes. *Journal Of The American Dental Association*, v. 152, p. 1020-32, 2021.
16. Caldas LF; Serpa GC; Estrela LRA; **Decurcio DA**; Oliveira HF; Estrela CRA; Guedes OA. Pulpal and periapical diseases experience in a central Brazilian population. *RSBO*, v. 18, p. 14-22, 2021.
17. Guedes OA; Oliveira HF; Santana MLL; Chaves GS; Capeletti LR; Estrela CRA; Estrela C; **Decurcio DA**. Effect of Endodontic Retreatment Protocols on Bond

- Strength of Fiberglass Post to Root Canal Dentine: An In-vitro Study. *Journal Of Clinical And Diagnostic Research*, v. 15, p. 11-14, 2021.
18. Souza POC; Machado MC; Barbosa MG; Miguel JG; Sousa VC; **Decurcio DA**; Estrela C. Selamento de perfuração radicular associado a enxerto de tecido conjuntivo em área estética: relato de caso. *Dental Press Endodontics*, v. 11, p. 75-82, 2021.
  19. Vasconcelos CCS; Loureiro MAZ; Elias MRA; Botelho TL; Magalhães APR; **Decurcio DA**. Effect of different intraradicular posts in the dimensions of root canal computed tomography images. *Indian Journal of Dental Research*, v. 31, p. 475, 2020.
  20. Borges CC; Estrela C; **Decurcio DA**; Pécora JD; Sousa Neto MD; Rossi-Fedele G. Cone-beam and micro- computed tomography for the assessment of root canal morphology: a systematic review. *Brazilian Oral Research* , v. 34, p. e056, 2020.
  21. Silva JA; Alencar AHG; Sestari LE; Barbosa HA; Siqueira PC; **Decurcio DA**; Barletta FB; Estrela C. Interference of coronal enamel and dentin thickness and ambient light on pulse oximetry interpretation. *Brazilian Oral Research*, v. 34, p. e064, 2020.
  22. Loureiro MAZ; Elias MRA; Capeletti LR; Silva JA; Siqueira PC; Chaves GS; **Decurcio DA**. Guided Endodontics: Volume of Dental Tissue Removed by Guided Access Cavity Preparation-An Ex Vivo Study. *Journal of Endodontics*, v. 46, p. 1907-12, 2020.
  23. Loureiro MAZ; Rossi-Fedele G; Amezcua OG; Souza POC; Silva JA; Estrela C; **Decurcio DA**. Dynamic torque analysis of rotary and reciprocating instruments during root canal instrumentation in simulated canals by an endodontist or a general dentist. *Journal of Conservative Dentistry*, v. 23, p. 126-130, 2020.
  24. Souza GM; Loureiro MAZ; Chaves GS; **Decurcio DA**; Silva JA; Siqueira PC; Estrela C. Volume da câmara pulpar de molares superiores e incisivos inferiores em imagens de tomografia computadorizada de feixe cônico. *Revista Odontológica do Brasil Central*, v. 29, p. 1-5, 2020.
  25. Caviglia NA; Urzagaste OA; Siqueira PC; Decurcio RA; **Decurcio DA**. Determinação Da Umidade Relativa Do Campo Operatório Com Isolamento Absoluto, Modificado E Relativo - Estudo Piloto. *Revista Odontológica do Brasil Central*, v. 29, p. 10-14, 2020.
  26. Estrela C; Costa MVC; Bueno MR; Rabelo LEG; **Decurcio DA**; Silva JA; Estrela CRA. Potential of a New Cone-Beam CT Software for Blooming Artifact Reduction. *Brazilian Dental Journal*, v. 31, p. 582-586, 2020.
  27. Gomes CC; Serpa GC; Mundim-Picoli MBV; **Decurcio DA**; Bueno JM; Picoli FF. Contribuição da tomografia computadorizada de feixe cônico no diagnóstico de fratura radicular: relato de caso. *Scientific Investigation in Dentistry*, v. 24, p. 23-30, 2020.
  28. **Decurcio DA**; Rossi-Fedele G; Estrela C; Pulikkotil SJ; Nagendrababu V. Machine-assisted Agitation Reduces Postoperative Pain during Root Canal Treatment: A Systematic Review and Meta-analysis from Randomized Clinical Trials. *Journal of Endodontics*, v. 45, p. 387-393, 2019.
  29. **Decurcio DA**; Lim E; Chaves GS; Nagendrababu V; Estrela C; Rossi-Fedele G. Pre-clinical endodontic education outcomes between artificial versus

- extracted natural teeth: a systematic review. *International Endodontic Journal*, v. 52, p. 1153-1161, 2019.
30. Lima LF; Alencar AHG; **Decurcio DA**; Silva JA, Favarão IN; Loureiro MAZ; Barletta FB; Estrela C. Effect of dental bleaching on pulp oxygen saturation in maxillary central incisors - a randomized clinical trial. *Journal of Applied Oral Science*, v. 27, p. e20180442, 2019.
  31. **Decurcio DA**; Lim E; Nagendrababu V; Estrela C; Rossi-Fedele, G. Difficulty levels of extracted human teeth used for pre clinical training in endodontics in an Australian dental school. *Australian Endodontic Journal*, v. 46, p. 47-51, 2019.
  32. **Decurcio DA**. The importance of systematic reviews for clinical practice in Endodontics, *Dental Press Endodontics*, v. 9, p. 12-13, 2019.
  33. Sousa VC; Alencar AHG; Estrela CRA; Sousa Neto MD; **Decurcio DA**; Oliveira HF; Estrela C. Effectiveness of Self-Adjusting File, XP-endo Finisher and passive ultrasonic irrigation in bacterial control of root canals. *Dental Press Endodontics*, v. 8, p. 62-69, 2018.
  34. Oliveira HF; Alencar AHG; Estrela CRA; **Decurcio DA**; Silva JA; Sousa VC; Estrela C. Decontamination of infected root canals with reciprocating instruments, 2.5% sodium hypochlorite and apple cider vinegar. *Dental Press Endodontics*, v. 8, p. 70-77, 2018.
  35. Silva RNF; Vilela ACS; Ferreira AB; Silva BG; Vencio EF; **Decurcio DA**; Costa NL. Treatment of a large root cyst: a clinical case report. *ROBRAC (ONLINE) (GOIÂNIA)*, v. 27, p. 56, 2018.
  36. Loureiro MAZ; Barbosa MG; Chaves GS; Siqueira PC; **Decurcio DA**. Evaluation of the chemical composition and radiopacity of different calcium hydroxide pastes. *ROBRAC (ONLINE) (GOIÂNIA)*, v. 27, p. 19-23, 2018.
  37. Siqueira PC; **Decurcio DA**; Rossi-Fedele, G; Silva JA; Estrela C; Alencar AHG. Pulse oximetry in assessing pulp vitality: critical analysis. *ROBRAC (ONLINE) (GOIÂNIA)*, v. 27, p. 61-67, 2018.
  38. **Decurcio DA**; Silva JA; Barbosa MG; Chaves LS; Loureiro MAZ; Estrela C. Characterization of the nucleus, cutting edge and failure detection in NiTi instruments for endodontic retreatment. *Revista Odonto Ciência*, v. 32, p. 193-198, 2018.
  39. Estrela C; **Decurcio DA**; Rossi-Fedele G; Silva JA; Guedes OA; Borges AH. Root perforations: a review of diagnosis, prognosis and materials. *Brazilian Oral Research*, v. 32, p. 133-146, 2018.
  40. Souza POC; Oliveira CFP; Mamede Neto, I; Sulaimen AMM; Lima PLA; **Decurcio DA**. Apical Surgery: Therapeutic Option for Endodontic Failure. *Journal of Health Sciences*, v. 20, p.189, 2018.
  41. Solda C; Langaro MC; Machado AN , Vanni JR; **Decurcio DA**; Silva JA; Estrela C; Barletta FB. Presence of Metallic Microfragments on Dentinal Walls and Instrument Defects following Root Canal Preparation. *The Journal of Contemporary Dental Practice*, v. 18, p. 270-276, 2017.
  42. Sampaio FC; Brito APP; Veloso HH; Alencar AHG; **Decurcio DA**; Figueiredo JAP; Estrela C. Flute and Shank Dimensions of Reciprocating Instruments before and after Simulated Root Canal Shaping. *The Journal of Contemporary Dental Practice*, v. 18, p. 198-204, 2017.

43. Oliveira HF; Mamede-Neto Y; Castro EF; Chaves GS; Guedes OA; Borges AH; **Decurcio DA**. Analysis of the accuracy of the Cone-Beam Computed Tomography exam in determining the working length during endodontic therapy. ROBRAC (ONLINE) (GOIÂNIA)
44. Siqueira PC; Borges KGT; Santos RG; Renovato SR; **Decurcio DA**. Antimicrobial and physicochemical properties of Portland cement associated with different concentrations of calcium oxide. ROBRAC (ONLINE) (GOIÂNIA), v. 26, p. 20-25, 2017.
45. Endo MM; Estrela CRA; Alencar AHG; Silva JA; **Decurcio DA**; Estrela C. Antibacterial action of red and green propolis extract in infected root canal. Revista Odonto Ciência, p. 99-103, 2017.
46. Estrela C; **Decurcio DA**; Silva JA; Batista AC; Lima NCS; Freitas-Silva BS; Souza JAC; Souza CA. Immune-Inflammatory Cell Profile and Receptor Activator of Nuclear Factor Kappa B Ligand/Osteoprotegerin Expression in Persistent Apical Periodontitis after Root Canal Retreatment Failure. Journal of Endodontics, v. 43, p. 439-446, 2016.
47. Morais ALG; Alencar AHG; Estrela CRA; **Decurcio DA**; Estrela C. Working Length Determination using Cone-Beam Computed Tomography, Periapical Radiography and Electronic Apex Locator in Teeth with Apical Periodontitis: A Clinical study. Iranian Endodontic Journal, v. 11, p. 164-168, 2016.
48. Silva FPY; Dias A; Coelho CA; Guerra ENS; Mascarenhas AE; **Decurcio DA**; Pobocik AM; Cury SEV; Silva BS. Expression of CD90 and P75NTR stem cell markers in ameloblastomas: a possible role in their biological behavior. Brazilian Oral Research, v. 30, p. 1-8, 2016.
49. Ferreira JM; Renovato SR; Santana FR; **Decurcio DA**; Soares CJ; Estrela C. Effect of internal bleaching agents on the bond strength of glass fiber posts to root dentine. Revista Odonto Ciência, v. 31, p. 120, 2016.
50. Estrela C; Porto OCL; Costa NL; Garrote MS; **Decurcio DA**; Bueno M; Freitas-Silva BS. Large Reactional Osteogenesis in Maxillary Sinus Associated with Secondary Root Canal Infection Detected Using Cone-beam Computed Tomography. Journal of Endodontics, v. 41, p. 2068-2078, 2015.
51. Estrela C; Guedes OA; Rabelo LEG; **Decurcio DA**; Alencar AHG; Estrela CRA; Figueiredo JAP. Detection of Apical Inflammatory Root Resorption Associated with Periapical Lesion Using Different Methods. Brazilian Dental Journal, v. 25, p. 404-408, 2014.
52. Estrela C; Silva JA; **Decurcio DA**; Alencar AHG; Estrela CRA; Faitaroni LA; Batista AC. Monitoring Nonsurgical and Surgical Root Canal Treatment of Teeth with Primary and Secondary Infections. Brazilian Dental Journal, v. 25, p. 494-501, 2014.
53. Guedes OA; Couto GS; Costa MVC; Oliveira HF; Silva JA; **Decurcio DA**; Borges AH. Analysis of the presence of heavy metals in Portland and MTA-based cements using X-ray dispersion spectroscopy. ROBRAC, v. 23, p. 176-180, 2014.
54. Sampaio FC; Alencar AHG; Chein RAP; **Decurcio DA**; Estrela C. Profile of scientific production in endodontics in high-impact journals.. Stomatos (ULBRA), v. 19, p. 10-19, 2013.

55. Oliveira HF; Alencar AHG; Figueiredo JAP; Guedes OA; **Decurcio DA**; Estrela C. Marginal adaptation evaluation of root-end filling materials using scanning electron microscopy. *Iranian Endodontic Journal*, v. 8, p. 182-186, 2013.
56. Castro LO; Brito APP; Endo MM; Souza JB; **Decurcio DA**. Treatment of gingival melanin pigmentation using the epithelial abrasion technique. *ROBRAC*, v. 21, p. 143-146, 2013.
57. Silva JA; Caetano CHMS; Alencar AHG; Estrela CRA; Borges, A. H.; **Decurcio DA**. A critical review of the sanificaton strategies on root canal cleaning. *Stomatos*, v. 19, p. 48-59, 2013.
58. Cardinal HH; Borges AH; Guedes OA; Bandeca MC; **Decurcio DA**; Estrela CRA. Endodontic infection as a risk factor for coronary heart disease. *ROBRAC*, v. 21, p. 02-07, 2013.
59. **Decurcio DA**; Bueno MR; Alencar AHG; Porto OCL; Azevedo BC; Estrela C. Effect of root canal filling materials on dimensions of cone-beam computed tomography images. *Journal of Applied Oral Science*, v. 20, p. 260-267, 2012.
60. Estrela C; Alencar AHG; **Decurcio DA**; Borges AH; Guedes OA; Estrela CRA. Influence of sanitation strategies on successful treatment of apical periodontitis. *ROBRAC*, v. 21, p. 367-375, 2012.
61. Scartezini GR; Oliveira GC; Guedes OA; **Decurcio DA**; Carvalhosa AA; Estrela C. Diagnostic and treatment features of keratocystic odontogenic tumors. *Stomatos (ULBRA)*, v. 18, p. 9-15, 2012.
62. Estrela C; **Decurcio DA**; Bernabé PFE; Silva JA; Estrela CRA; Figueiredo JAP. Microbial leakage of MTA, Portland cement, Sealapex and zinc oxide-eugenol as root-end filling materials.. *Medicina Oral, Patología Oral y Cirugía Bucal*, v. 16, p. e-418-e-424, 2011.
63. Rezende GPS; **Decurcio DA**; Estrela C; Costa LRRS. Antimicrobial action of intracanal medications on infected dentin of primary and permanent teeth. *Dental Press Endodontics*, v. 1, p. 34-39, 2011.
64. **Decurcio DA**; Silva JA; Decurcio RA; Silva RG; Pécora JD. influence of cone beam computed tomography on dens invaginatus treatment planning. *Dental Press Endodontics*, v. 1, p. 87-93, 2011.
65. Estrela C; **Decurcio DA**; Silva JA; Porto OCL; Alencar AHG; Estrela CRA. Image characterization of the root canal filled with calcium hydroxide in cone beam computed tomography. *ROBRAC* , v. 20, p. 92-96, 2011.
66. **Decurcio DA**; Crosara MB; Silva JA; Amorim LFG; Estrela CRA. Antimicrobial Evaluation of Gutta-Percha Cones Associated with Calcium Hydroxide or Chlorhexidine. *ROBRAC*, v. 18, p. 30-33, 2010.
67. Lopes-Filho LG; **Decurcio DA**; Silva JA; Lopes LG; Estrela C. Sealing Capacity of Root Canal Filling Remnant Against Microbial Indicators. *ROBRAC*, v. 18, p. 80-86, 2010.
68. Carvalho LM; Silva JA; **Decurcio DA**; Crosara MB; Alencar AHG. Qualitative assessment of root canal preparation performed In vitro with nickel - titanium RaCe and K3 rotary instruments. *ROBRAC*, v. 19, p. 132-137, 2010.
69. Peres AVS; **Decurcio DA**; Silva JA; Morais ALG; Alencar AHG. Discrepancy between conventional dentistry method with standard reference. *ROBRAC*, v. 19, p. 168-171, 2010.

70. Hollanda ACB; Estrela CRA; **Decurcio DA**; Silva JA; Estrela C. Sealing ability of three commercial resin-based endodontic sealers. *General Dentistry*, v. 57, p. 368-373, 2009.
71. Estrela C; **Decurcio DA**; Silva JA; Mendonça EF; Estrela CRA. Persistent apical periodontitis associated with a calcifying odontogenic cyst. *International Endodontic Journal*, v. 42, p. 539-545, 2009.
72. Estrela CRA; Avila GEG; **Decurcio DA**; Silva JA; Estrela C. Efficacy of chlorhexidine in endodontic infections - Systematic Review. *Revista Brasileira de Odontologia*, v. 66, p. 133-141, 2009.
73. Estrela C; **Decurcio DA**; Silva JA; Mendonça EF; Estrela CRA. Periapical calcifying odontogenic cyst. *International Endodontic Journal*, v. 42, p. 546-548, 2009.
74. Estrela C; Silva JA; Alencar AHG; Leles CR; **Decurcio DA**. Response to letter to the editor: efficacy of sodium hypochlorite and chlorhexidine against *Enterococcus faecalis*. *Journal of Applied Oral Science*, v. 17, p. p11, 2009.
75. Veloso HH; Estrela CRA; **Decurcio DA**; Alves D; Estrela C. Microbial microleakage in temporary restorative materials after post space preparation. *Revista Odonto Ciência*, v. 23, p. 187-191, 2008.
76. Estrela C; **Decurcio DA**; Alencar AHG; Sydney GB; Silva JA. Efficacy of calcium hydroxide dressing in endodontic infection treatment: a systematic review. *Revista Odonto Ciência*, v. 23, p. 82-86, 2008.
77. Paes FR; Estrela CRA; **Decurcio DA**; Silva JA; Estrela C. Microbial infiltration in root canal filling remnants plus a temporary sealer. *Dental Science*, v. 2, p. 117-124, 2008.
78. Estrela C; Silva JA; Alencar AHG; Leles CR; **Decurcio DA**. Efficacy of sodium hypochlorite and chlorhexidine against *Enterococcus faecalis*: a systematic review. *Journal of Applied Oral Science*, v. 16, p. 364-368, 2008.
79. Estrela C; Estrela CRA; **Decurcio DA**; Hollanda ACB; Silva JA. Antimicrobial efficacy of ozonated water, gaseous ozone, sodium hypochlorite and chlorhexidine in infected human root canals. *International Endodontic Journal*, v. 40, n. 2, p. 93, 2007.
80. Estrela C; Morais ALG; Alencar AHG; Guedes OA; **Decurcio DA**. Influência do Cimento Obturador no Sucesso Endodôntico. *ROBRAC*, v. 16, p. 28-36, 2007.
81. Amorim LFG; Toledo OA; Estrela CRA; **Decurcio DA**; Estrela C. Antimicrobial analysis of different root canal filling pastes used in pediatric dentistry by two experimental methods. *Brazilian Dental Journal*, v. 17, n. 4, p. 317-322, 2006.
82. Estrela C; Estrela CRA; Hollanda ACB; **Decurcio DA**; Pécora JD. Influence of iodoform on antimicrobial potential of calcium hydroxide. *Journal of Applied Oral Science*, v. 14, n. 1, p. 33-37, 2006.
83. Estrela C; Estrela CRA; **Decurcio DA**; Silva JA; Bammann LL. Antimicrobial potential of ozone in an ultrasonic cleaning system against *Staphylococcus aureus*. *Brazilian Dental Journal*, v. 17, n. 2, p. 134-138, 2006.
84. Estrela C; Hollanda ACB; **Decurcio DA**; Guedes OA; Pécora JD. Esp Substance: Analysis of Tissue Dissolution and Surface Tension - Part 1. *ROBRAC*, v. 14, n. 38, p. 11-18, 2005.

## BOOK CHAPTER PUBLISHED

1. **Decurcio DA**; Loureiro MAZ; Silva JA. Tecnologias contemporâneas - Endodontia Guiada. In: Sousa-Neto MD; Duarte MAH; Gavini G; Baratto-Filho F; Estrela C. (Org.). Endodontia - Fundamentos Científicos para a Prática Clínica. 1ed. São Paulo: Editora Manole, 2022, v. 1, p. 567-580.
2. **Decurcio DA**; Silva JA; Amorim LFG. Importância do Primeiro Atendimento, Exame Clínico e Diagnóstico. In: Lilian de Fátima Guedes de Amorim. (Org.). Traumatismo em Dentes Decíduos e Permanentes: Ciência na Prática Clínica. 1ed. São Paulo: Santos Publicações Ltda, 2021, p. 31-42.
3. Silva JA; Guedes OA; Amorim LFG; **Decurcio DA**. Luxações em Dentes Permanentes. In: Lilian de Fátima Guedes de Amorim. (Org.). Traumatismo em Dentes Decíduos e Permanentes: Ciência na Prática Clínica. 1ed. São Paulo: Santos Publicações Ltda, 2021, p. 186-207.
4. Alencar AHG; **Decurcio DA**; Silva JA. Avulsão em Dentes Permanentes. In: Lilian de Fátima Guedes de Amorim. (Org.). Traumatismo em Dentes Decíduos e Permanentes: Ciência na Prática Clínica. 1ed. São Paulo: Santos Publicações Ltda, 2021, p. 222-232.
5. **Decurcio DA**; Silva JA; Guedes OA; Amorim LFG. Fraturas coronárias em dentes permanentes. In: Lilian de Fátima Guedes de Amorim. (Org.). Traumatismo em Dentes Decíduos e Permanentes: Ciência na Prática Clínica. 1ed. São Paulo: Santos Publicações Ltda, 2021, p. 81-98.
6. **Decurcio DA**; Silva JA; Guedes OA. Fratura coronoradicular em dentes permanentes. In: Lilian de Fátima Guedes de Amorim. (Org.). Traumatismo em Dentes Decíduos e Permanentes: Ciência na Prática Clínica. 1ed. São Paulo: Santos Publicações Ltda, 2021, p. 109-122.
7. Alencar AHG; Estrela C; **Decurcio DA**. Contemporary classroom. In: Carlos Estrela. (Org.). Scientific Methodology: Science, Teaching and Research. 3 ed. Porto Alegre: Artes Médicas, 2018, v. 1, p. 53-78.
8. Estrela C; Pécora JD; **Decurcio DA**; Toledo AM. Internal anatomy and coronal preparation. In: Carlos Estrela. (Org.). Endodontic Science. 02 ed. São Paulo: Artes Médicas Ltda, 2009, v. 01, 531-569.
9. Estrela C; Pécora JD; Hollanda ACB; **Decurcio DA**. Anatomía Interna y Preparación Coronária. In: Carlos Estrela. (Org.). Ciencia Endodóntica. 1 ed. São Paulo: Artes Médicas Latino América, 2005, v. 1, p. 315-362.
10. Estrela C; Pécora JD; Hollanda ACB; **Decurcio DA**. Anatomia Interna e Preparo Coronário. In: Carlos Estrela. (Org.). Ciência Endodôntica. São

## Awards

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2020 - Honorable Mention - Journal of Endodontics Awards, article: Machine-assisted Agitation Reduces Postoperative Pain during Root Canal Treatment: A Systematic Review and Meta-analysis from Randomized Clinical Trials.

2019 - Honored Professor Class 80, Graduation Committee Federal University of Goiás.

2017 - Honored Professor Class 78, Graduation Committee Federal University of

Goiás.

2015 - CONSUNI Recognition Certificate, Federal University of Goiás.

2014 - Professor class name Class 75, Graduation Committee Federal University of Goiás.

2013 - Paraninfo Class 74, Graduation Committee Federal University of Goiás.

2012 - Scientific Merit Dr. Jesus Djalma Pécora, Brazilian Dental Association - Goiás Section.

2011 - Merit Profa. dr. Lili Luschke Bammann, Brazilian Dentistry Association - Goiás section.

2010 - Honorable Mention of the 23th Dental Congress of Bauru, University of São Paulo.

2009 - Honored Professor Year 2009, Graduation Committee Federal University of Goiás.

2008 - Merit Ibsen Wetzel Stephan, Dental Teaching and Research Center of Brazil.

2007 - Honorable Mention - 1st place Scientific Poster, Academic Dentistry Center "Horace Wells".

2007 - Honorable Mention - 3rd place Scientific Poster, Academic Dentistry Center "Horace Wells".

2005 - Honorable Mention - 1st place in posters, Horace Wells Dental Academic Center.

2005 - Honorable Mention - 1st place in the Graduate Scientific Forum, Dental Academic Center "Horace Wells".

2002 - Merit Prof Dr Hildeberto Francisco Pesce, Brazilian Dental Association - Goiás Section.

2001 Honorable Mention - 1st place in Demonstration Tables, Horace Wells Academic Dentistry Center.

2001 Honorable Mention Prof Sérgio Loyola, ABO-regional Morrinhos.