

# Impact Factor Publications

## Scientific Reports

**Journal Impact Factor: 5.133**

1. Devaraj S, Jagannathan N, Neelakantan P. Antibiofilm efficacy of photoactivated curcumin, triple and double antibiotic paste, 2% chlorhexidine and calcium hydroxide against *Enterococcus fecalis* in vitro. *Sci Rep.* 2016 Apr 21;6:24797. doi: 10.1038/srep24797. PMID: 27097667; PMCID: PMC4838845.

## Journal of Endodontics

**Journal Impact Factor: 4.547**

1. Shankar P, Parameswaran A, Lakshminarayanan L. Apical third instrumentation of curved canals with K-type and canal master instruments. *J Endod.* 1993 May;19(5):224-7. doi: 10.1016/S0099-2399(06)81295-1. PMID: 8360597.
2. PradeepKumar AR, Shemesh H, Jothilatha S, Vijayabharathi R, Jayalakshmi S, Kishen A. Diagnosis of Vertical Root Fractures in Restored Endodontically Treated Teeth: A Time-dependent Retrospective Cohort Study. *J Endod.* 2016 Aug;42(8):1175-80. doi: 10.1016/j.joen.2016.04.012. Epub 2016 Jun 20. PMID: 27339633.
3. Vinothkumar TS, Kavitha S, Lakshminarayanan L, Gomathi NS, Kumar V. Influence of irrigating needle-tip designs in removing bacteria inoculated into instrumented root canals measured using single-tube luminometer. *J Endod.* 2007 Jun;33(6):746-8. doi: 10.1016/j.joen.2007.02.013. Epub 2007 Apr 24. PMID: 17509419.
4. Reddy YP, Karpagavinayagam K, Subbarao CV. Management of dens invaginatus diagnosed by spiral computed tomography: a case report. *J Endod.* 2008 Sep;34(9):1138-42. doi: 10.1016/j.joen.2008.06.001. PMID: 18718382.
5. Neelakantan P, Subbarao C, Subbarao CV, Ravindranath M. Root and canal morphology of mandibular second molars in an Indian population. *J Endod.* 2010 Aug;36(8):1319-22. doi: 10.1016/j.joen.2010.04.001. Epub 2010 May 23. PMID: 20647088.

6. Neelakantan P, Subbarao C, Ahuja R, Subbarao CV, Gutmann JL. Cone-beam computed tomography study of root and canal morphology of maxillary first and second molars in an Indian population. *J Endod.* 2010 Oct;36(10):1622-7. doi: 10.1016/j.joen.2010.07.006. Epub 2010 Aug 30. PMID: 20850665.
7. Neelakantan P, Subbarao C, Subbarao CV. Comparative evaluation of modified canal staining and clearing technique, cone-beam computed tomography, peripheral quantitative computed tomography, spiral computed tomography, and plain and contrast medium-enhanced digital radiography in studying root canal morphology. *J Endod.* 2010 Sep;36(9):1547-51. doi: 10.1016/j.joen.2010.05.008. Epub 2010 Jul 15. PMID: 20728725.
8. Neelakantan P, Grotra D, Sharma S. Retreatability of 2 mineral trioxide aggregate-based root canal sealers: a cone-beam computed tomography analysis. *J Endod.* 2013 Jul;39(7):893-6. doi: 10.1016/j.joen.2013.04.022. Epub 2013 May 14. PMID: 23791258.
9. Neelakantan P, Sharma S, Shemesh H, Wesselink PR. Influence of Irrigation Sequence on the Adhesion of Root Canal Sealers to Dentin: A Fourier Transform Infrared Spectroscopy and Push-out Bond Strength Analysis. *J Endod.* 2015 Jul;41(7):1108-11. doi: 10.1016/j.joen.2015.02.001. Epub 2015 May 23. PMID: 26008114.
10. Neelakantan P, Devaraj S, Jagannathan N. Histologic Assessment of Debridement of the Root Canal Isthmus of Mandibular Molars by Irrigant Activation Techniques Ex Vivo. *J Endod.* 2016 Aug;42(8):1268-72. doi: 10.1016/j.joen.2016.05.005. Epub 2016 Jun 20. PMID: 27339632.
11. PradeepKumar AR, Shemesh H, Nivedhitha MS, Hashir MMJ, Arockiam S, Uma Maheswari TN, Natanasabapathy V. Diagnosis of Vertical Root Fractures by Cone-beam Computed Tomography in Root-filled Teeth with Confirmation by Direct Visualization: A Systematic Review and Meta-Analysis. *J Endod.* 2021 Aug;47(8):1198-1214. doi: 10.1016/j.joen.2021.04.022. Epub 2021 May 11. PMID: 33984375.

## International Endodontic Journal

**Journal Impact Factor: 3.801**

1. Neelakantan P, Subbarao C, Subbarao CV, De-Deus G, Zehnder M. The impact of root dentine conditioning on sealing ability and push-out bond strength of an epoxy resin root canal sealer. *Int Endod J.* 2011 Jun;44(6):491-8. doi: 10.1111/j.1365-2591.2010.01848.x. Epub 2011 Jan 24. PMID: 21255047.
2. Prasanna N, Subbarao CV, Gutmann JL. The efficacy of pre-operative oral medication of lornoxicam and diclofenac potassium on the success of inferior alveolar nerve block in patients with irreversible pulpitis: a double-blind, randomised controlled clinical trial. *Int Endod J.* 2011 Apr;44(4):330-6. doi: 10.1111/j.1365-2591.2010.01833.x. PMID: 21692235.
3. Neelakantan P, Varughese AA, Sharma S, Subbarao CV, Zehnder M, De-Deus G. Continuous chelation irrigation improves the adhesion of epoxy resin-based root canal sealer to root dentine. *Int Endod J.* 2012 Dec;45(12):1097-102. doi: 10.1111/j.1365-2591.2012.02073.x. Epub 2012 May 21. PMID: 22612994.
4. Neelakantan P, Cheng CQ, Mohanraj R, Sriraman P, Subbarao C, Sharma S. Antibiofilm activity of three irrigation protocols activated by ultrasonic, diode laser or Er:YAG laser in vitro. *Int Endod J.* 2015 Jun;48(6):602-10. doi: 10.1111/iej.12354. Epub 2014 Sep 11. PMID: 25080240.

## International Journal of Environmental Research and Public Health

**Journal Impact Factor: 3.789**

1. Chakraborty T, Jamal RF, Battineni G, Teja KV, Marto CM, Spagnuolo G. A Review of Prolonged Post-COVID-19 Symptoms and Their Implications on Dental Management. *Int J Environ Res Public Health.* 2021 May 12;18(10):5131. doi: 10.3390/ijerph18105131. PMID: 34066174; PMCID: PMC8151698.

## Clinical Oral Investigations

**Journal Impact Factor: 3.623**

1. Govindaraju L, Neelakantan P, Gutmann JL. Effect of root canal irrigating solutions on the compressive strength of tricalcium silicate cements. *Clin Oral Investig*. 2017 Mar;21(2):567-571. doi: 10.1007/s00784-016-1922-0. Epub 2016 Jul 28. PMID: 27469101.

## Photodiagnosis and Photodynamic Therapy

**Journal Impact Factor: 3.603**

1. Neelakantan P, Cheng CQ, Ravichandran V, Mao T, Sriraman P, Sridharan S, Subbarao C, Sharma S, Kishen A. Photoactivation of curcumin and sodium hypochlorite to enhance antibiofilm efficacy in root canal dentin. *Photodiagnosis Photodyn Ther*. 2015 Mar;12(1):108-14. doi: 10.1016/j.pdpdt.2014.10.011. Epub 2014 Nov 20. PMID: 25462576.

## Operative Dentistry

**Journal Impact Factor: 2.973**

1. Neelakantan P, John S, Anand S, Sureshbabu N, Subbarao C. Fluoride release from a new glass-ionomer cement. *Oper Dent*. 2011 Jan-Feb;36(1):80-5. doi: 10.2341/10-219-LR. Epub 2011 Feb 21. PMID: 21488733.
2. Chacko Y, Lakshminarayanan L. pH stabilizing properties of a posterior light cured resin composite: an in vivo study. *Oper Dent*. 2001 May-Jun;26(3):219-22. PMID: 11357562.

## British Dental Journal

**Journal Impact Factor: 1.992**

1. Siddique R, Nivedhitha MS, Ranjan M, Jacob B, Solete P. Comparison of antibacterial effectiveness of three rotary file systems with different geometry in infected root canals before and after instrumentation-a double-blinded randomized controlled clinical trial. *BDJ Open*. 2020 Jun 8;6:8. doi: 10.1038/s41405-020-0035-7. PMID: 32550007; PMCID: PMC7280230.

## Quintessence International

**Journal Impact Factor: 1.992**

1. Mohan B, Kandaswamy D. A confocal microscopic evaluation of resin-dentin interface using adhesive systems with three different solvents bonded to dry and moist dentin in vitro study. *Quintessence Int*. 2005 Jul-Aug;36(7-8):511-21. PMID: 15997932.

## Brazilian Oral Research

**Journal Impact Factor: 1.529**

1. Uma Maheswari TN, Nivedhitha MS, Ramani P. Expression profile of salivary microRNA-21 and 31 in oral potentially malignant disorders. *Braz Oral Res*. 2020 Feb 10;34:e002. doi: 10.1590/1807-3107bor-2020.vol34.0002. PMID: 32049107.