Research output
Listing of Research output

Bioactivity, cytocompatibility and thermal properties of experimental Bioglass-reinforced composites as potential root-canal filling materials
Research output: Contribution to journal › Article

Evaluation of dental adhesive systems incorporating an antibacterial monomer eugenyl methacrylate (EgMA) for endodontic restorations
Research output: Contribution to journal › Article

Assessment of residual coronal tooth structure post-endodontic cavity preparation using digital dental impressions and micro-computed tomography
Research output: Contribution to journal › Article

A prospective study assessing the effect of coronal tooth structure loss on the outcome of root canal retreatment
Research output: Contribution to journal › Article

Rapid Bacterial Detection during Endodontic Treatment
Research output: Contribution to journal › Article

Inferior alveolar nerve block for the treatment of teeth presenting with irreversible pulpitis: A systematic review of the literature and meta-analysis
Research output: Contribution to journal › Article

The Detection of Simulated Periapical Lesions in Human Dry Mandibles with Cone Beam Computed Tomography - A Dose Reduction Study
Research output: Contribution to journal › Article

The Assessment and Management of External Cervical Resorption with Periapical Radiographs and Cone-beam Computed Tomography: A Clinical Study
Research output: Contribution to journal › Article

Glove Contamination during Endodontic Treatment Is One of the Sources of Nosocomial Endodontic Propionibacterium acnes Infections
Research output: Contribution to journal › Article

Influence of a polymerizable eugenol derivative on the antibacterial activity and wettability of a resin composite for intracanal post cementation and core build-up restoration
Research output: Contribution to journal › Article

Comparison of centring ability and transportation between four nickel titanium instrumentation techniques by micro-computed tomography
Experimental polyethylene-hydroxyapatite carrier-based endodontic system: An in vitro study on dynamic thermomechanical properties, sealing ability, and measurements of micro-computed tomography voids

Diagnostic accuracy of periapical radiography and cone beam computed tomography in detecting apical periodontitis using histopathological findings as a reference standard

Multiple Apical Radiolucencies and External Cervical Resorption Associated with Varicella Zoster Virus: A Case Report

Isolation of Propionibacterium acnes among the microbiota of primary endodontic infections with and without intracoronal communication

A resin composite material containing an eugenol derivative for intracanal post cementation and core build-up restoration

Shaping ability of two nickel–titanium instruments activated by continuous rotation or adaptive motion: a micro-computed tomography study

What do dental students know about trauma?
Alzoubi, F., Mannocci, F., Newton, T., Manoharan, A. & Djemal, S. 10 Nov 2015 In : Dental Traumatology. 31, 6

New functional and aesthetic composite materials used as an alternative to traditional post materials for the restoration of endodontically treated teeth

The detection of periapical pathoses using digital periapical radiography and cone beam computed tomography in endodontically retreated teeth - part 2: a 1 year post-treatment follow-up

Efficacy of calcium silicate indirect pulp capping: a randomized controlled clinical trial

The detection of periapical pathoses in root filled teeth using single and parallax periapical radiographs versus cone beam computed tomography - a clinical study
Penetration depth of monomer systems into acrylic resin denture teeth used as pontics


Synergistic effect of 2% chlorhexidine combined with proteolytic enzymes on biofilm disruption and killing


Bonding ability of experimental resin-based materials containing (ion-releasing)-microfillers applied on water-wet or ethanol-wet root canal dentine


A comparison of cone beam computed tomography and periapical radiography for the detection of vertical root fractures in nonendodontically treated teeth


The effectiveness of enzymic irrigation in removing a nutrient-stressed endodontic multispecies biofilm


Fabrication and characterization of polymer composites for endodontic use


Restoration of endodontically treated teeth


Comparing the In Vivo Diagnostic Accuracy of Digital Periapical Radiography with Cone-beam Computed Tomography for the Detection of Vertical Root Fracture


Experimental etch-and-rinse adhesives doped with bioactive calcium silicate-based micro-fillers to generate therapeutic resin-dentin interfaces: a microtensile bond strength, scanning electron microscopy, and confocal microscopy study


Accuracy of CBCT for volumetric measurement of simulated periapical lesions


Research that matters: Restoration of endodontically treated teeth

An In Vitro Comparison of the Accuracy of Measurements Obtained from High- and Low-resolution Cone-beam Computed Tomography Scans
Research output: Contribution to journal › Article

A technique for placement of apical MTA plugs using modified Thermafil carriers for the filling of canals with wide apices
Research output: Contribution to journal › Article

The detection of vertical root fractures in root filled teeth with periapical radiographs and CBCT scans
Research output: Contribution to journal › Article

Bioactive effects of a calcium/sodium phosphosilicate on the resin-dentine interface: a microtensile bond strength, scanning electron microscopy, and confocal microscopy study
Research output: Contribution to journal › Article

The detection of periapical pathosis using digital periapical radiography and cone beam computed tomography - Part 2: a 1-year post-treatment follow-up
Research output: Contribution to journal › Article

The detection of periapical pathosis using periapical radiography and cone beam computed tomography - Part 1: pre-operative status
Research output: Contribution to journal › Article

Synthesis and Preliminary Evaluation of a Polyolefin-based Core for Carrier-based Root Canal Obturation
Research output: Contribution to journal › Article

Changes in centring and shaping ability using three nickel–titanium instrumentation techniques analysed by micro-computed tomography (μCT)
Research output: Contribution to journal › Article

Contemporary dental practice in the UK in 2008: aspects of direct restorations, endodontics and bleaching
Research output: Contribution to journal › Article

Diagnostic accuracy of limited-volume cone-beam computed tomography in the detection of periapical bone loss: 360° scans versus 180° scans
Research output: Contribution to journal › Article
The effectiveness of passive ultrasonic irrigation on intraradicular Enterococcus faecalis biofilms in extracted single-rooted human teeth
Research output: Contribution to journal › Article

Cone beam computed tomography (CBCT) in endodontics
Research output: Contribution to journal › Article

Micro-computed tomography of tooth tissue volume changes following endodontic procedures and post space preparation
Research output: Contribution to journal › Article

Influence of the hydrostatic pulpal pressure on droplets formation in current etch-and-rinse and self-etch adhesives: A video rate/TSM microscopy and fluid filtration study
Research output: Contribution to journal › Article

The detection and management of root resorption lesions using intraoral radiography and cone beam computed tomography - an in vivo investigation
Research output: Contribution to journal › Article

Prevention of Water Contamination of Ethanol-saturated Dentin and Hydrophobic Hybrid Layers
Research output: Contribution to journal › Article

Two-Photon Laser Confocal Microscopy of Micropermeability of Resin-Dentin Bonds Made With Water or Ethanol Wet Bonding
Research output: Contribution to journal › Article

Detection of periapical bone defects in human jaws using cone beam computed tomography and intraoral radiography
Research output: Contribution to journal › Article

Three-year clinical comparison of survival of endodontically treated teeth restored with either full cast coverage or with direct composite restoration
Research output: Contribution to journal › Article

EDTA or H3PO4/NaOCl dentine treatments may increase hybrid layers’ resistance to degradation: A microtensile bond strength and confocal-micropermeability study
Research output: Contribution to journal › Article
Deproteinization Effects of NaOCl on Acid-etched Dentin in Clinically-relevant vs Prolonged Periods of Application. A Confocal and Environmental Scanning Electron Microscopy Study
Research output: Contribution to journal › Article

Survey on the teaching and use of mineral trioxide aggregate in UK dental schools
Research output: Contribution to journal › Article

New tetrasilicate cements as retrograde filling material: An in vitro study on fluid penetration
Research output: Contribution to journal › Article

The penetration of RealSeal primer and Tubliseal into root canal dentinal tubules: a confocal microscopic study
Research output: Contribution to journal › Article

Cyclic loading of endodontically treated teeth restored with glass fibre and titanium alloy posts: fracture resistance and failure modes.
Research output: Contribution to journal › Article

A study of periapical lesions correlating the presence of a radiopaque lamina with histological findings
Research output: Contribution to journal › Article

Hand and nickel-titanium root canal instrumentation performed by dental students: a micro-computer tomographic study.
Research output: Contribution to journal › Article

Adhesive Restorationof Endodontically treated teeth - current research
Research output: Contribution to journal › Article

The isthmuses of the mesial root of mandibular molars: a micro-computed tomographic study
Research output: Contribution to journal › Article

Penetration of bonding resins into fibre-reinforced composite posts: a confocal microscopic study
Research output: Contribution to journal › Article

Randomized clinical comparison of endodontically treated teeth restored with amalgam or with fiber posts and resin composite: Five-year results
Research output: Contribution to journal › Article
Density of dentinal tubules affects the tensile strength of root dentin
Research output: Contribution to journal › Article

Resin-dentin interfaces of endodontically-treated restored teeth
Research output: Contribution to journal › Article

Tooth-colored post systems: a review
Research output: Contribution to journal › Article

Three-year clinical comparison of survival of endodontically treated teeth restored with either full cast coverage or with direct composite restoration
Research output: Contribution to journal › Article

Microtensile bond strength and confocal microscopy of dental adhesives bonded to root canal dentin
Research output: Contribution to journal › Article

The structure of dentine in the apical region of human teeth.
Research output: Contribution to journal › Article

Bonding of all-porcelain crowns: structural characteristics of the substrate
Research output: Contribution to journal › Article

Microleakage of endodontically treated teeth restored with fiber posts and composite cores after cyclic loading: A confocal microscopic study
Research output: Contribution to journal › Article

Three-point bending test of fiber posts
Research output: Contribution to journal › Article

Bonding to root canal: structural characteristics of the substrate
Research output: Contribution to journal › Article

A 'one-bottle' adhesive system for bonding a fibre post into a root canal: an SEM evaluation of the post-resin interface
Research output: Contribution to journal › Article

Bond strengths of a porcelain material to different abutment substrates
Research output: Contribution to journal › Article
Retrospective study of the clinical performance of fiber posts
Research output: Contribution to journal › Article

The above report is produced using the following setup
Ordered by: null