Research outputs
Listing of Research outputs

**Pooled analysis of 1-year recall data from three root canal treatment outcome studies undertaken using cone beam computed tomography**
Research output: Contribution to journal › Article

**Dental practice in the UK in 2015/2016 - Part 2: Aspects of direct restorations, bleaching, endodontics and paediatric dentistry**
Research output: Contribution to journal › Article

**Self-Limiting versus Conventional Caries Removal: A Randomized Clinical Trial**
Research output: Contribution to journal › Article

**Assessment of residual coronal tooth structure postendodontic 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

**Bacterial Contamination of Endodontic Materials before and after Clinical Storage**
Saeed, M., Koller, G., Niazi, S., Patel, S., Mannocci, F., Bruce, K. & Foschi, F. 23 Sep 2017 In : JOURNAL OF ENDODONTICS. epub, epub  
Research output: Contribution to journal › Article

**External cervical resorption: A three-dimensional classification**
Research output: Contribution to journal › Article

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

**Comparison of centring ability and transportation between four nickel titanium instrumentation techniques by micro-computed tomography**
Research output: Contribution to journal › Article

**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
Method for detecting the presence of the viable cells in an endodontic sample
Research output: Patent

The comparative effectiveness and safety of three activated irrigation techniques in the isthmus area using a transparent tooth model
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 acne 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

Experimental polyethylene-hydroxyapatite carrier-based endodontic system: An in vitro study on dynamic thermomechanical properties, sealing ability, and measurements of micro-computed tomography voids
Research output: Contribution to journal › Article

Multiple Apical Radiolucencies and External Cervical Resorption Associated with Varicella Zoster Virus: A Case Report
Research output: Contribution to journal › Article

Diagnostic accuracy of periapical radiography and cone beam computed tomography in detecting apical periodontitis using histopathological findings as a reference standard
Research output: Contribution to journal › Article

The use of intentional replantation to repair an external cervical resorptive lesion not amenable to conventional surgical repair
Research output: Contribution to journal › Article
Isolation of Propionibacterium acnes among the microbiota of primary endodontic infections with and without intraoral communication
Research output: Contribution to journal › Article

A resin composite material containing an eugenol derivative for intracanal post cementation and core build-up restoration
Research output: Contribution to journal › Article

Shaping ability of two nickel–titanium instruments activated by continuous rotation or adaptive motion: a micro-computed tomography study
Research output: Contribution to journal › Article

Effect of adhesive materials on shear bond strength of a mineralised trioxide aggregate
Research output: Contribution to journal › Article

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
Research output: Contribution to journal › Article

New functional and aesthetic composite materials used as an alternative to traditional post materials for the restoration of endodontically treated teeth
Research output: Contribution to journal › Article

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
Research output: Contribution to journal › Article

Efficacy of calcium silicate indirect pulp capping: a randomized controlled clinical trial
Research output: Contribution to journal › Article

The detection of periapical pathoses in root filled teeth using single and parallax periapical radiographs versus cone beam computed tomography - a clinical study
Research output: Contribution to journal › Article

Penetration depth of monomer systems into acrylic resin denture teeth used as pontics
Research output: Contribution to journal › Article

Synergistic effect of 2% chlorhexidine combined with proteolytic enzymes on biofilm disruption and killing
Research output: Contribution to journal › Article
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

A technique for placement of apical MTA plugs using modified Thermafil carriers for the filling of canals with wide apices
Comparison between water and ethanol wet bonding of resin composite to root canal dentin
Research output: Contribution to journal › Article

Diagnostic accuracy of small volume cone beam computed tomography and intraoral periapical radiography for the detection of simulated external inflammatory root resorption
Research output: Contribution to journal › Article

Porosity, Micro-Hardness and Morphology of White and Gray Portland Cements In Relation to Their Potential in the Development of New Dental Filling Materials
Research output: Contribution to journal › Article

Why do general dental practitioners refer to a specific specialist endodontist in practice?
Research output: Contribution to journal › Article

Propionibacterium acnes and Staphylococcus epidermidis Isolated from Refractory Endodontic Lesions Are Opportunistic Pathogens
Research output: Contribution to journal › Article

An in vitro evaluation of microtensile bond strengths of two adhesive bonding agents to residual dentine after caries removal using three excavation techniques
Research output: Contribution to journal › Article

Flexural strength of glass fibre-reinforced posts bonded to dual-cure composite resin cements
Research output: Contribution to journal › Article

Resin-dentin bonds to EDTA-treated vs. acid-etched dentin using ethanol wet-bonding
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

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