

Keyword Index

- accuracy, Accuracy of the DTC torque control motor for nickel-titanium rotary instruments, 399
- acetaminophen, The efficacy of pain control following nonsurgical root canal treatment using ibuprofen or a combination of ibuprofen and acetaminophen in a randomized, double-blind, placebo-controlled study, 531
- Actinomyces israelii*, Antimicrobial activity of varying concentrations of sodium hypochlorite on the endodontic microorganisms *Actinomyces israelii*, *A. naeslundii*, *Candida albicans* and *Enterococcus faecalis*, 438
- Actinomyces naeslundii*, Antimicrobial activity of varying concentrations of sodium hypochlorite on the endodontic microorganisms *Actinomyces israelii*, *A. naeslundii*, *Candida albicans* and *Enterococcus faecalis*, 438
- activ point, *In vitro* antimicrobial effect of chlorhexidine-impregnated gutta percha points on *Enterococcus faecalis*, 105
- adenoid cystic carcinoma, Central adenoid cystic carcinoma of the mandible manifesting as an endodontic lesion, 711
- adhesive resin, Effect of nonvital bleaching with 10% carbamide peroxide on sealing ability of resin composite restorations, 52
- ageing, Reduction of connexin 43 expression in aged human dental pulp, 814
- AHPlus, Determination of pH and calcium ion release provided by pure and calcium hydroxide-containing AHPlus, 42
- 'all-in-one' adhesive system, Detection of acid diffusion through bovine dentine after adhesive application, 455
- amalgam, Marginal adaptation of mineral trioxide aggregate (MTA) compared with amalgam as a root-end filling material: a low-vacuum (LV) versus high-vacuum (HV) SEM study, 325
- anatomical variations, The radix entomolaris in mandibular first molars: an endodontic challenge, 789
- antibacterial, Effectiveness of electrochemically activated water as an irrigant in an infected tooth model, 624
- antimicrobial, Antimicrobial activity of varying concentrations of sodium hypochlorite on the endodontic microorganisms *Actinomyces israelii*, *A. naeslundii*, *Candida albicans* and *Enterococcus faecalis*, 438
- antimicrobial effect, *In vitro* antimicrobial effect of chlorhexidine-impregnated gutta percha points on *Enterococcus faecalis*, 105
- antimicrobial susceptibility, Antimicrobial susceptibility of *Enterococcus faecalis* isolated from canals of root filled teeth with periapical lesions, 756
- antioxidant, Effect of nonvital bleaching with 10% carbamide peroxide on sealing ability of resin composite restorations, 52
- apex locator, The accuracy of electronic working length determination, 125
- apex locators, Electronic apex locators, 425
- apexification, Endodontic treatment of dens invaginatus type III with three root canals and open apical foramen, 205
- apical cross-sections, Percentage of canals filled in apical cross sections – an *in vitro* study of seven obturation techniques, 392
- apical periodontitis, Periapical status and quality of root fillings and coronal restorations in an adult Spanish population, 525
- Prevalence of apical periodontitis and frequency of root-filled teeth in an adult Spanish population, 167
- apical periodontitis, Investigation of the effect of the coronal restoration quality on the composition of the root canal microflora in teeth with apical periodontitis by means of T-RFLP analysis, 819
- apical root resorption, Internal apical resorption and its correlation with the type of apical lesion, 730
- apical surgery, Comparison of long-term papilla healing following sulcular full thickness flap and papilla base flap in endodontic surgery, 687
- A comparative histological evaluation of the biocompatibility of materials used in apical surgery, 738
- apicectomy, The influence of root-end resection and root-end cavity preparation on microleakage of root filled teeth *in vitro*, 403
- apicoectomy, A standard for radiopacity of root-end (retrograde) filling materials is urgently needed, 260
- apicomarginal communication, Periosteal grafts as barriers in periradicular surgery: report of two cases, 632
- bacteria, Cultivable microbial flora associated with persistent periapical disease and coronal leakage after root canal treatment: a preliminary study, 542
- bacterial analysis, Investigation of the effect of the coronal restoration quality on the composition of the root canal microflora in teeth with apical periodontitis by means of T-RFLP analysis, 819
- bacterial resistance, Gram-positive rods prevailing in teeth with apical periodontitis undergoing root canal treatment, 579

- benign neoplasms, Periapical radiolucency mimicking an odontogenic cyst, 337
- biocompatibility, A comparative histological evaluation of the biocompatibility of materials used in apical surgery, 738
Biocompatibility of two commercial forms of mineral trioxide aggregate, 699
- black-pigmented *Bacteroides*, Induction of vascular endothelial growth factor expression in human pulp fibroblasts stimulated with black-pigmented *Bacteroides*, 588
- bleaching, Effect of nonvital bleaching with 10% carbamide peroxide on sealing ability of resin composite restorations, 52
- blood flow, An evaluation of the use of tooth temperature to assess human pulp vitality, 374
- bonding, A one step procedure for luting glass fibre posts: an SEM evaluation, 679
- bovine dentine, Detection of acid diffusion through bovine dentine after adhesive application, 455
- calcitonin gene-related peptide, Role of substance P and calcitonin gene-related peptide in the regulation of interleukin-8 and monocyte chemotactic protein-1 expression in human dental pulp, 185
- calcium carbonate, FT-Raman spectroscopy of calcium hydroxide medicament in root canals, 489
- calcium hydroxide, An *in-vitro* investigation of the antibacterial effect of nisin in root canals and canal wall radicular dentine, 664
Determination of pH and calcium ion release provided by pure and calcium hydroxide-containing AHPlus, 42
Effects of calcium hydroxide on physical and sealing properties of canal sealers, 178
FT-Raman spectroscopy of calcium hydroxide medicament in root canals, 489
In vitro evaluation of the effectiveness of irrigants and intracanal medicaments on microorganisms within root canals, 311
Prognosis of large cyst-like periapical lesions following nonsurgical root canal treatment: a clinical review, 408
Survival of *Enterococcus faecalis* in infected dentinal tubules after root canal filling with different root canal sealers *in vitro*, 193
The effect of two different calcium hydroxide combinations on root dentine microhardness, 828
- canal curvature, Comparative investigation of two rotary nickel–titanium instruments: ProTaper versus RaCe. Part 2. Cleaning effectiveness and shaping ability in severely curved root canals of extracted teeth, 239
- canal shape, Shaping ability of ProTaper nickel–titanium files in simulated resin root canals, 613
- canal straightening, Comparative investigation of two rotary nickel–titanium instruments: ProTaper versus RaCe. Part 2. Cleaning effectiveness and shaping ability in severely curved root canals of extracted teeth, 239
- canal transportation, Comparative investigation of two rotary nickel–titanium instruments: ProTaper versus RaCe. Part 1. Shaping ability in simulated curved canals, 229
Shaping ability of ProFile and K3 rotary Ni-Ti instruments when used in a variable tip sequence in simulated curved root canals, 593
- Candida albicans*, Antimicrobial activity of varying concentrations of sodium hypochlorite on the endodontic microorganisms *Actinomyces israelii*, *A. naeslundii*, *Candida albicans* and *Enterococcus faecalis*, 438
In vitro evaluation of the effectiveness of irrigants and intracanal medicaments on microorganisms within root canals, 311
- carbamide peroxide, An *in vitro* comparison of the bleaching efficacy of 35% carbamide peroxide with established intracoronary bleaching agents, 483
Effect of nonvital bleaching with 10% carbamide peroxide on sealing ability of resin composite restorations, 52
Extraradicular diffusion of hydrogen peroxide and pH changes associated with intracoronary bleaching of discoloured teeth using different bleaching agents, 500
In vitro penetration of bleaching agents into the pulp chamber, 105
- case report, Endodontic treatment of dens invaginatus type III with three root canals and open apical foramen, 205
- cDNA, Cytomegalovirus infection in symptomatic periapical pathosis, 519
- cell culture, Biocompatibility of two commercial forms of mineral trioxide aggregate, 699
- centering ratio, A comparison of instrument-centering ability within the root canal for three contemporary instrumentation techniques, 265
- central giant cell lesion, Periapical radiolucency mimicking an odontogenic cyst, 337
- chlorhexidine, Dissolution of pulp tissue by aqueous solution of chlorhexidine digluconate and chlorhexidine digluconate gel, 38
In vitro evaluation of the effectiveness of irrigants and intracanal medicaments on microorganisms within root canals, 311
- cholesterol crystal, Prognosis of large cyst-like periapical lesions following nonsurgical root canal treatment: a clinical review, 408
- cleaning of NiTi instruments, Cleaning of rotary nickel–titanium endodontic instruments, 19
- cleaning, Cleaning of rotary nickel–titanium endodontic instruments, 19
- clearing technique, A comparison between clearing and radiographic techniques in the study of the root-canal anatomy of maxillary first and second molars, 291

- clinical, A clinical radiographic retrospective assessment of the success rate of single-visit root canal treatment, 70
- cohort study, An analysis of endodontic treatment with three nickel-titanium rotary root canal preparation techniques, 849
- composite resin, Cytotoxicity of composite resins polymerized with different curing methods, 151
- computerized, A standard for radiopacity of root-end (retrograde) filling materials is urgently needed, 260
- confocal laser scanning microscopy, A Confocal Laser Scanning Microscope investigation of different dental adhesives bonded to root canal dentine, 840
- connexin 43, Reduction of connexin 43 expression in aged human dental pulp, 814
- conservative endodontic treatment, Endodontic treatment of dens invaginatus type III with three root canals and open apical foramen, 205
- contamination, A scanning electron microscope study of plaque accumulation on silk and PVDF suture materials in oral mucosa, 776
- contrast medium, Assessment of a contrast medium as an adjunct to endodontic radiography, 806
- core-carrier obturation, Effect of root-end resection and root-end filling on apical leakage in the presence of core-carrier root canal obturation, 477
- coronal leakage, An *in vitro* comparison of adhesive systems to seal pulp chamber walls, 297
- coronal restoration, Periapical status and quality of root fillings and coronal restorations in an adult Spanish population, 525
- coronal sealing, An *in vitro* comparison of adhesive systems to seal pulp chamber walls, 297
- corrosion, Susceptibility to localized corrosion of stainless steel and NiTi endodontic instruments in irrigating solutions, 705
- critical-point drying, Biocompatibility of two commercial forms of mineral trioxide aggregate, 699
- cross-infection, Cleaning of rotary nickel-titanium endodontic instruments, 19
- cross-section, The influence of root-end resection and root-end cavity preparation on microleakage of root filled teeth *in vitro*, 403
- crowns, A clinical report of 85 fractured metallic post-retained crowns, 561
- C-shaped canal, C-shaped root canals of mandibular second molars in a Korean population: clinical observation and *in vitro* analysis, 139
- curved canal, A comparison of instrument-centering ability within the root canal for three contemporary instrumentation techniques, 265
- curved root canals, Comparative investigation of two rotary nickel-titanium instruments: ProTaper versus RaCe. Part 1. Shaping ability in simulated curved canals, 229
- cyst, Prognosis of large cyst-like periapical lesions following nonsurgical root canal treatment: a clinical review, 408
- cytotoxicity, Cytotoxicity of composite resins polymerized with different curing methods, 151
- debris, Comparative investigation of two rotary nickel-titanium instruments: ProTaper versus RaCe. Part 2. Cleaning effectiveness and shaping ability in severely curved root canals of extracted teeth, 239
- decalcifying agents, Decalcification of root canal dentine by citric acid, EDTA and sodium citrate, 365
- delayed restoration, Effect of nonvital bleaching with 10% carbamide peroxide on sealing ability of resin composite restorations, 52
- dens invaginatus, Endodontic treatment of dens invaginatus type III with three root canals and open apical foramen, 205
Endodontic treatment of an invaginated maxillary lateral incisor with a periradicular lesion and a healthy pulp, 717
Prevalence of dens invaginatus in Jordanian adults, 307
- dental bleaching, *In vitro* penetration of bleaching agents into the pulp chamber, 105
- dental files, Morphometric analysis of shank-to-flute ratio in rotary nickel-titanium files, 353
- dental pulp, Role of substance P and calcitonin gene-related peptide in the regulation of interleukin-8 and monocyte chemotactic protein-1 expression in human dental pulp, 185
- dental pulp fibroblasts, Proliferation of dental pulp fibroblasts in response to thrombin involves mitogen-activated protein kinase signalling, 145
- dental pulp stem cells, Proliferation of dental pulp fibroblasts in response to thrombin involves mitogen-activated protein kinase signalling, 145
- dental pulp test, An evaluation of the use of tooth temperature to assess human pulp vitality, 374
An evaluation of the use of tooth temperature to assess human pulp vitality, 374
In vitro immunoexpression of extracellular matrix proteins in dental pulpal and gingival human fibroblasts, 749
Pulpal necrosis with sickle cell anaemia, 602
Reduction of connexin 43 expression in aged human dental pulp, 814
- dental school, Undergraduate teaching and clinical use of rotary nickel-titanium endodontic instruments: a survey of French dental schools, 320
- dental splint, Laser Doppler flow measurements of pulpal blood flow and severity of dental injury, 463
- dental trauma, Laser Doppler flow measurements of pulpal blood flow and severity of dental injury, 463
- dentine bonding agents/dental adhesives, A Confocal Laser Scanning Microscope investigation of different dental adhesives bonded to root canal dentine, 840
- dentine debris, The efficacy of ultrasonic irrigation to remove artificially placed dentine debris from different-sized simulated plastic root canals, 607

- The effectiveness of syringe irrigation and ultrasonics to remove debris from simulated irregularities within prepared root canal walls, 672
- dentine diffusion, Extraradicular diffusion of hydrogen peroxide and pH changes associated with intracoronary bleaching of discoloured teeth using different bleaching agents, 500
- dentine, The effect of two different calcium hydroxide combinations on root dentine microhardness, 828
- diagnosis, Internal apical resorption and its correlation with the type of apical lesion, 730
- digital imaging, Fraudulent management of digital endodontic images, 214
- drug effects, An *in vitro* comparison of the bleaching efficacy of 35% carbamide peroxide with established intracoronary bleaching agents, 483
- E. faecalis*, *In vitro* antimicrobial effect of chlorhexidine-impregnated gutta percha points on *Enterococcus faecalis*, 105
- Survival of *Enterococcus faecalis* in infected dentinal tubules after root canal filling with different root canal sealers *in vitro*, 193
- electrochemically activated water, Effectiveness of electrochemically activated water as an irrigant in an infected tooth model, 624
- electronic apex locator, Accuracy of the Justy II Apex locator in determining working length in simulated horizontal and vertical fractures, 174
- endodontic epidemiology, The annual frequency of root fillings, tooth extractions and pulp-related procedures in Danish adults during 1977–2003, 782
- endodontic failure, Antimicrobial susceptibility of *Enterococcus faecalis* isolated from canals of root filled teeth with periapical lesions, 756
- endodontic instruments, Cleaning of rotary nickel–titanium endodontic instruments, 19
- endodontic irrigants, Toxicity of concentrated sodium hypochlorite used as an endodontic irrigant, 272
- endodontic medicament, An *in-vitro* investigation of the antibacterial effect of nisin in root canals and canal wall radicular dentine, 664
- endodontic retreatment, Cultivable microbial flora associated with persistent periapical disease and coronal leakage after root canal treatment: a preliminary study, 542
- endodontic therapy, Gram-positive rods prevailing in teeth with apical periodontitis undergoing root canal treatment, 579
- Prognosis of large cyst-like periapical lesions following nonsurgical root canal treatment: a clinical review, 408
- endodontic treatment, Endodontic treatment of primary teeth using a combination of antibacterial drugs, 132
- The radix entomolaris in mandibular first molars: an endodontic challenge, 789
- endodontically treated teeth, A one step procedure for luting glass fibre posts: an SEM evaluation, 679
- endodontics, A clinical report of 85 fractured metallic post-retained crowns, 561
- Accuracy of the Justy II Apex locator in determining working length in simulated horizontal and vertical fractures, 174
- Antimicrobial activity of varying concentrations of sodium hypochlorite on the endodontic microorganisms *Actinomyces israelii*, *A. naeslundii*, *Candida albicans* and *Enterococcus faecalis*, 438
- Electronic apex locators, 425
- Fraudulent management of digital endodontic images, 214
- Investigation of the effect of the coronal restoration quality on the composition of the root canal microflora in teeth with apical periodontitis by means of T-RFLP analysis, 819
- Periapical status and quality of root fillings and coronal restorations in an adult Spanish population, 525
- Prevalence of apical periodontitis and frequency of root-filled teeth in an adult Spanish population, 167
- Resolution of persistent periapical infection by endodontic surgery, 61
- The accuracy of electronic working length determination, 125
- endurance limit, Torsional fatigue and endurance limit of a size 30 .06 ProFile rotary instrument, 370
- Enterococcus faecalis*, An *in-vitro* investigation of the antibacterial effect of nisin in root canals and canal wall radicular dentine, 664
- Antimicrobial activity of varying concentrations of sodium hypochlorite on the endodontic microorganisms *Actinomyces israelii*, *A. naeslundii*, *Candida albicans* and *Enterococcus faecalis*, 438
- Antimicrobial susceptibility of *Enterococcus faecalis* isolated from canals of root filled teeth with periapical lesions, 756
- In vitro* evaluation of the effectiveness of irrigants and intracanal medicaments on microorganisms within root canals, 311
- epidemiology, Prevalence of apical periodontitis and frequency of root-filled teeth in an adult Spanish population, 167
- Epstein–Barr virus, Cytomegalovirus infection in symptomatic periapical pathosis, 519
- ERK, Proliferation of dental pulp fibroblasts in response to thrombin involves mitogen-activated protein kinase signalling, 145
- eucalyptol, Efficacy, cleaning ability and safety of different rotary NiTi instruments in root canal retreatment, 468
- external resorption, Toxicity of concentrated sodium hypochlorite used as an endodontic irrigant, 272
- extracellular matrix proteins, *In vitro* immunoprecipitation of extracellular matrix proteins in dental pulpal and gingival human fibroblasts, 749
- extraradicular infection, Resolution of persistent periapical infection by endodontic surgery, 61

- failure, A clinical report of 85 fractured metallic post-retained crowns, 561
- failure, Survival of surgical endodontic treatment performed in a dental teaching hospital: a cohort study, 764
- fibre post, A one step procedure for luting glass fibre posts: an SEM evaluation, 679
- fibre posts, A Confocal Laser Scanning Microscope investigation of different dental adhesives bonded to root canal dentine, 840
- flap design, Comparison of long-term papilla healing following sulcular full thickness flap and papilla base flap in endodontic surgery, 687
- flexmaster, Efficacy, cleaning ability and safety of different rotary NiTi instruments in root canal retreatment, 468
- fluid filtration method, An *in vitro* comparison of adhesive systems to seal pulp chamber walls, 297
- follicular cysts, Expression of transforming growth factor-beta 1 (TGF-beta 1) in odontogenic cysts, 7
- fracture, Accuracy of the DTC torque control motor for nickel-titanium rotary instruments, 399
- Morphometric analysis of shank-to-flute ratio in rotary nickel-titanium files, 353
- frequency of root fillings, The annual frequency of root fillings, tooth extractions and pulp-related procedures in Danish adults during 1977–2003, 782
- ft-Raman spectroscopy, FT-Raman spectroscopy of calcium hydroxide medicament in root canals, 489
- gap junction, Reduction of connexin 43 expression in aged human dental pulp, 814
- gingival fibroblasts, *In vitro* immunoexpression of extracellular matrix proteins in dental pulpal and gingival human fibroblasts, 749
- glass ionomer cement, The use of glass ionomer cements in both conventional and surgical endodontics, 91
- glycerine, The effect of two different calcium hydroxide combinations on root dentine microhardness, 828
- GT rotary, Efficacy, cleaning ability and safety of different rotary NiTi instruments in root canal retreatment, 468
- guided bone regeneration, Periosteal grafts as barriers in periradicular surgery: report of two cases, 632
- gutta-percha removal, Efficacy, cleaning ability and safety of different rotary NiTi instruments in root canal retreatment, 468
- healing, An analysis of endodontic treatment with three nickel-titanium rotary root canal preparation techniques, 849
- Hedström files, Efficacy, cleaning ability and safety of different rotary NiTi instruments in root canal retreatment, 468
- horizontal root fractures, Accuracy of the Justy II Apex locator in determining working length in simulated horizontal and vertical fractures, 174
- human cytomegalovirus, Cytomegalovirus infection in symptomatic periapical pathosis, 519
- human dental pulp fibroblast, *In vitro* immunoexpression of extracellular matrix proteins in dental pulpal and gingival human fibroblasts, 749
- human, Reduction of connexin 43 expression in aged human dental pulp, 814
- hybrid layer, A Confocal Laser Scanning Microscope investigation of different dental adhesives bonded to root canal dentine, 840
- hydrogen peroxide, An *in vitro* comparison of the bleaching efficacy of 35% carbamide peroxide with established intracoronary bleaching agents, 483
- Extraradicular diffusion of hydrogen peroxide and pH changes associated with intracoronary bleaching of discoloured teeth using different bleaching agents, 500
- ibuprofen, The efficacy of pain control following nonsurgical root canal treatment using ibuprofen or a combination of ibuprofen and acetaminophen in a randomized, double-blind, placebo-controlled study, 531
- image processing, Fraudulent management of digital endodontic images, 214
- inflammation, Transforming Growth Factor-beta 1 (TGF-beta 1) expression in normal healthy pulps and in those with irreversible pulpitis, 114
- instrumentation, Morphometric analysis of shank-to-flute ratio in rotary nickel-titanium files, 353
- interleukin-8, role of substance p and calcitonin gene-related peptide in the regulation of interleukin-8 and monocyte chemotactic protein-1 expression in human dental pulp, 185
- intracanal medicament, *In vitro* antimicrobial effect of chlorhexidine-impregnated gutta percha points on *Enterococcus faecalis*, 105
- intracanal medication, FT-Raman spectroscopy of calcium hydroxide medicament in root canals, 489
- investigative techniques, An evaluation of the use of tooth temperature to assess human pulp vitality, 374
- irreversible pulpitis, Transforming Growth Factor-beta 1 (TGF-beta 1) expression in normal healthy pulps and in those with irreversible pulpitis, 114
- irrigants, Dissolution of pulp tissue by aqueous solution of chlorhexidine digluconate and chlorhexidine digluconate gel, 38
- irrigation, Comparative investigation of two rotary nickel-titanium instruments: ProTaper versus RaCe. Part 2. Cleaning effectiveness and shaping ability in severely curved root canals of extracted teeth, 239
- The effectiveness of syringe irrigation and ultrasonics to remove debris from simulated irregularities within prepared root canal walls, 672

- jordan, Prevalence of dens invaginatus in Jordanian adults, 307
- knoop, The effect of two different calcium hydroxide combinations on root dentine microhardness, 828
- laser Doppler flowmetry, Laser Doppler flow measurements of pulpal blood flow and severity of dental injury, 463
- leakage, The influence of root-end resection and root-end cavity preparation on microleakage of root filled teeth *in vitro*, 403
- light curing, Cytotoxicity of composite resins polymerized with different curing methods, 151
- LSTR therapy, Endodontic treatment of primary teeth using a combination of antibacterial drugs, 132
- luxation injuries, Laser Doppler flow measurements of pulpal blood flow and severity of dental injury, 463
- LV SEM, Marginal adaptation of mineral trioxide aggregate (MTA) compared with amalgam as a root-end filling material: a low-vacuum (LV) versus high-vacuum (HV) SEM study, 325
- mandible, Central adenoid cystic carcinoma of the mandible manifesting as an endodontic lesion, 711
- Pulpal necrosis with sickle cell anaemia, 602
- mandibular first molar, The radix entomolaris in mandibular first molars: an endodontic challenge, 789
- mandibular molar, C-shaped root canals of mandibular second molars in a Korean population: clinical observation and *in vitro* analysis, 139
- mandibular teeth, Investigation of the root canal configurations of mandibular permanent teeth in the Turkish population, 494
- maxillary first premolar, Three-dimensional observation of pulp cavities in the maxillary first premolar tooth using micro-CT, 46
- maxillary incisors, Laser Doppler flow measurements of pulpal blood flow and severity of dental injury, 463
- maxillary lateral incisor, Endodontic treatment of an invaginated maxillary lateral incisor with a periradicular lesion and a healthy pulp, 717
- membranes, Periosteal grafts as barriers in periradicular surgery: report of two cases, 632
- microbiology, Cultivable microbial flora associated with persistent periapical disease and coronal leakage after root canal treatment: a preliminary study, 542
- Gram-positive rods prevailing in teeth with apical periodontitis undergoing root canal treatment, 579
- micro-CT, Three-dimensional observation of pulp cavities in the maxillary first premolar tooth using micro-CT, 46
- microhardness, The effect of two different calcium hydroxide combinations on root dentine microhardness, 828
- microleakage, Effect of root-end resection and root-end filling on apical leakage in the presence of core-carrier root canal obturation, 477
- microorganisms, Resolution of persistent periapical infection by endodontic surgery, 61
- mineral trioxide aggregate, Biocompatibility of two commercial forms of mineral trioxide aggregate, 699
- 3Mix-MP, Endodontic treatment of primary teeth using a combination of antibacterial drugs, 132
- molar clamp, Use of a molar clamp to isolate two adjacent single-rooted teeth: a clinical aid, 507
- monocyte chemotactic protein-1, role of substance p and calcitonin gene-related peptide in the regulation of interleukin-8 and monocyte chemotactic protein-1 expression in human dental pulp, 185
- morphology, C-shaped root canals of mandibular second molars in a Korean population: clinical observation and *in vitro* analysis, 139
- Investigation of the root canal configurations of mandibular permanent teeth in the Turkish population, 494
- morpho-metrical changes with age, Three-dimensional observation of pulp cavities in the maxillary first premolar tooth using micro-CT, 46
- MTA, Marginal adaptation of mineral trioxide aggregate (MTA) compared with amalgam as a root-end filling material: a low-vacuum (LV) versus high-vacuum (HV) SEM study, 325
- necrosis, Gingival necrosis following the use of a paraformaldehyde-containing paste: a case report, 157
- Investigation of the effect of the coronal restoration quality on the composition of the root canal microflora in teeth with apical periodontitis by means of T-RFLP analysis, 819
- nickel-titanium, Accuracy of the DTC torque control motor for nickel-titanium rotary instruments, 399
- An analysis of endodontic treatment with three nickel-titanium rotary root canal preparation techniques, 849
- Cleaning of rotary nickel-titanium endodontic instruments, 19
- Comparative investigation of two rotary nickel-titanium instruments: ProTaper versus RaCe. Part 1. Shaping ability in simulated curved canals, 229
- Shaping ability of ProTaper nickel-titanium files in simulated resin root canals, 613
- Shaping ability of ProFile and K3 rotary Ni-Ti instruments when used in a variable tip sequence in simulated curved root canals, 593
- Torsional fatigue and endurance limit of a size 30 .06 ProFile rotary instrument, 370
- Undergraduate teaching and clinical use of rotary nickel-titanium endodontic instruments: a survey of French dental schools, 320

- NIET, Endodontic treatment of primary teeth using a combination of antibacterial drugs, 132
- nisin, An *in-vitro* investigation of the antibacterial effect of nisin in root canals and canal wall radicular dentine, 664
- NiTi files, Susceptibility to localized corrosion of stainless steel and NiTi endodontic instruments in irrigating solutions, 705
- NiTi instruments, Efficacy, cleaning ability and safety of different rotary NiTi instruments in root canal retreatment, 468
- NiTi rotary instrumentation, Comparison of apical transportation between ProFile™ and ProTaper™ NiTi rotary instruments, 359
- NiTi rotary instruments, SEM evaluation of canal wall dentine following use of Mtwo and ProTaper NiTi rotary instruments, 832
- nonsurgical root canal treatment, The efficacy of pain control following nonsurgical root canal treatment using ibuprofen or a combination of ibuprofen and acetaminophen in a randomized, double-blind, placebo-controlled study, 531
- non-surgical root canal treatment, A clinical radiographic retrospective assessment of the success rate of single-visit root canal treatment, 70
- obturation techniques, Percentage of canals filled in apical cross sections – an *in vitro* study of seven obturation techniques, 392
- obturation, A comparative histological evaluation of the biocompatibility of materials used in apical surgery, 738
- Effect of obturation technique on sealer cement thickness and dentinal tubule penetration, 653
- Root canal obturation by ultrasonic condensation of gutta-percha. Part II: an *in vitro* investigation of the quality of obturation, 694
- Ultrasonic condensation of gutta-percha: the effect of power setting and activation time on temperature rise at the root surface – an *in vitro* study, 447
- odontogenic cysts, Expression of transforming growth factor-beta 1 (TGF-beta 1) in odontogenic cysts, 7
- odontogenic keratocysts, Expression of transforming growth factor-beta 1 (TGF-beta 1) in odontogenic cysts, 7
- oral radiology, Increased width of the apical periodontal membrane space in endodontically treated teeth may represent favourable healing, 552
- p38 MAPK, Proliferation of dental pulp fibroblasts in response to thrombin involves mitogen-activated protein kinase signalling, 145
- pain, Prevalence of and factors affecting postpreparation pain in patients undergoing two-visit root canal treatment, 29
- pain, Prevalence of and factors affecting post-obturation pain in patients undergoing root canal treatment, 381
- papilla base incision, Comparison of long-term papilla healing following sulcular full thickness flap and papilla base flap in endodontic surgery, 687
- papilla healing, Comparison of long-term papilla healing following sulcular full thickness flap and papilla base flap in endodontic surgery, 687
- paraformaldehyde-containing paste, Gingival necrosis following the use of a paraformaldehyde-containing paste: a case report, 157
- PCR, Cytomegalovirus infection in symptomatic periapical pathosis, 519
- periapical, Central adenoid cystic carcinoma of the mandible manifesting as an endodontic lesion, 711
- periapical disease, Increased width of the apical periodontal membrane space in endodontically treated teeth may represent favourable healing, 552
- periapical healing, Prognosis of large cyst-like periapical lesions following nonsurgical root canal treatment: a clinical review, 408
- periapical index, An analysis of endodontic treatment with three nickel-titanium rotary root canal preparation techniques, 849
- periapical pathology, Internal apical resorption and its correlation with the type of apical lesion, 730
- Periapical radiolucency mimicking an odontogenic cyst, 337
- periapical pathosis, Cytomegalovirus infection in symptomatic periapical pathosis, 519
- periapical plaque, Resolution of persistent periapical infection by endodontic surgery, 61
- periapical status, Periapical status and quality of root fillings and coronal restorations in an adult Spanish population, 525
- periapical surgery, Survival of surgical endodontic treatment performed in a dental teaching hospital: a cohort study, 764
- periosteum, Periosteal grafts as barriers in periradicular surgery: report of two cases, 632
- periradicular lesion, Endodontic treatment of an invaginated maxillary lateral incisor with a periradicular lesion and a healthy pulp, 717
- periradicular surgery, Periosteal grafts as barriers in periradicular surgery: report of two cases, 632
- pH, Detection of acid diffusion through bovine dentine after adhesive application, 455
- Determination of pH and calcium ion release provided by pure and calcium hydroxide-containing AHPlus, 42
- physical property, Effects of calcium hydroxide on physical and sealing properties of canal sealers, 178
- plaque, A scanning electron microscope study of plaque accumulation on silk and PVDF suture materials in oral mucosa, 776
- post space, Clinical response to a vacant post space, 199
- post-obturation pain, Prevalence of and factors affecting post-obturation pain in patients undergoing root canal treatment, 381

- postoperative pain control, The efficacy of pain control following nonsurgical root canal treatment using ibuprofen or a combination of ibuprofen and acetaminophen in a randomized, double-blind, placebo-controlled study, 531
- post-retained core, A clinical report of 85 fractured metallic post-retained crowns, 561
- prevalence, Prevalence of dens invaginatus in Jordanian adults, 307
- primary teeth, Endodontic treatment of primary teeth using a combination of antibacterial drugs, 132
- ProFile™, Comparison of apical transportation between ProFile™ and ProTaper™ NiTi rotary instruments, 359
- ProFile, Accuracy of the DTC torque control motor for nickel-titanium rotary instruments, 399
- prognosis, Increased width of the apical periodontal membrane space in endodontically treated teeth may represent favourable healing, 552
Nonsurgically retreated root filled teeth – radiographic findings after 20–27 years, 12
- prospective study, Gram-positive rods prevailing in teeth with apical periodontitis undergoing root canal treatment, 579
- ProTaper™, Comparison of apical transportation between ProFile™ and ProTaper™ NiTi rotary instruments, 359
- ProTaper, Efficacy, cleaning ability and safety of different rotary NiTi instruments in root canal retreatment, 468
- ProTaper, Shaping ability of ProTaper nickel-titanium files in simulated resin root canals, 613
- protease activated receptor, Proliferation of dental pulp fibroblasts in response to thrombin involves mitogen-activated protein kinase signalling, 145
- pulp, Dissolution of pulp tissue by aqueous solution of chlorhexidine digluconate and chlorhexidine digluconate gel, 38
In vitro penetration of bleaching agents into the pulp chamber, 120
- pulp capping, The annual frequency of root fillings, tooth extractions and pulp-related procedures in Danish adults during 1977–2003, 782
- pulp cavity, Three-dimensional observation of pulp cavities in the maxillary first premolar tooth using micro-CT, 46
- pulp fibroblasts, Induction of vascular endothelial growth factor expression in human pulp fibroblasts stimulated with black-pigmented *Bacteroides*, 588
- pulp vitality, An evaluation of the use of tooth temperature to assess human pulp vitality, 374
- pulpal blood flow., Laser Doppler flow measurements of pulp blood flow and severity of dental injury, 463
- pulpal infection, Gram-positive rods prevailing in teeth with apical periodontitis undergoing root canal treatment, 579
- PVDF, A scanning electron microscope study of plaque accumulation on silk and PVDF suture materials in oral mucosa, 776
- quantitative RT-PCR, Reduction of connexin 43 expression in aged human dental pulp, 814
- questionnaire survey, Questionnaire survey on the use of rotary nickel–titanium endodontic instruments by Australian dentists, 249
- radicular cysts, Expression of transforming growth factor-beta 1 (TGF-beta 1) in odontogenic cysts, 7
- radiographic images, Fraudulent management of digital endodontic images, 214
- radiographic, A clinical radiographic retrospective assessment of the success rate of single-visit root canal treatment, 70
- radiography, A comparison between clearing and radiographic techniques in the study of the root-canal anatomy of maxillary first and second molars, 291
Assessment of a contrast medium as an adjunct to endodontic radiography, 806
- radiology, Prevalence of apical periodontitis and frequency of root-filled teeth in an adult Spanish population, 167
- radiolucency, Clinical response to a vacant post space, 199
- radiopacity, A standard for radiopacity of root-end (retrograde) filling materials is urgently needed, 260
- radix entomolaris, The radix entomolaris in mandibular first molars: an endodontic challenge, 789
- recession, Comparison of long-term papilla healing following sulcular full thickness flap and papilla base flap in endodontic surgery, 687
- remaining dentine thickness, Detection of acid diffusion through bovine dentine after adhesive application, 455
- resin blocks, Comparative investigation of two rotary nickel–titanium instruments: ProTaper versus RaCe. Part 1. Shaping ability in simulated curved canals, 229
- resin composite, Effect of nonvital bleaching with 10% carbamide peroxide on sealing ability of resin composite restorations, 52
- retreatment, Nonsurgically retreated root filled teeth – radiographic findings after 20–27 years, 12
- retrograde-filling, A standard for radiopacity of root-end (retrograde) filling materials is urgently needed, 260
- root apex, Electronic apex locators, 425
- root canal, Cultivable microbial flora associated with persistent periapical disease and coronal leakage after root canal treatment: a preliminary study, 542
Decalcification of root canal dentine by citric acid, EDTA and sodium citrate, 365

- Effectiveness of electrochemically activated water as an irrigant in an infected tooth model, 624
- Investigation of the root canal configurations of mandibular permanent teeth in the Turkish population, 494
- Root canal obturation by ultrasonic condensation of gutta-percha. Part II: an *in vitro* investigation of the quality of obturation, 694
- Ultrasonic condensation of gutta-percha: the effect of power setting and activation time on temperature rise at the root surface – an *in vitro* study, 447
- root canal anatomy, Assessment of a contrast medium as an adjunct to endodontic radiography, 806
- root canal filling, Percentage of canals filled in apical cross sections – an *in vitro* study of seven obturation techniques, 392
- root canal irrigants, *In vitro* evaluation of the effectiveness of irrigants and intracanal medicaments on microorganisms within root canals, 311
- root canal irrigation, Toxicity of concentrated sodium hypochlorite used as an endodontic irrigant, 272
- root canal obturation, Determination of pH and calcium ion release provided by pure and calcium hydroxide-containing AHPlus, 42
- root canal orifices, Three-dimensional observation of pulp cavities in the maxillary first premolar tooth using micro-CT, 46
- root canal preparation, A comparison of instrument-centering ability within the root canal for three contemporary instrumentation techniques, 265
- Comparative investigation of two rotary nickel-titanium instruments: ProTaper versus RaCe. Part 1. Shaping ability in simulated curved canals, 229
- SEM evaluation of canal wall dentine following use of Mtwo and ProTaper NiTi rotary instruments, 832
- Shaping ability of ProFile and K3 rotary Ni-Ti instruments when used in a variable tip sequence in simulated curved root canals, 593
- Shaping ability of ProTaper nickel-titanium files in simulated resin root canals, 613
- root canal retreatment, Efficacy, cleaning ability and safety of different rotary NiTi instruments in root canal retreatment, 468
- root canal sealer, Effects of calcium hydroxide on physical and sealing properties of canal sealers, 178
- The use of glass ionomer cements in both conventional and surgical endodontics, 91
- root canal sealers, Survival of *Enterococcus faecalis* in infected dentinal tubules after root canal filling with different root canal sealers *in vitro*, 193
- Comparison of apical transportation between ProFileTM and ProTaperTM NiTi rotary instruments, 359
- Endodontic treatment of an invaginated maxillary lateral incisor with a periradicular lesion and a healthy pulp, 717
- Morphometric analysis of shank-to-flute ratio in rotary nickel-titanium files, 353
- root canal treatment, Nonsurgically retreated root filled teeth – radiographic findings after 20–27 years, 12
- Prevalence of and factors affecting postpreparation pain in patients undergoing two-visit root canal treatment, 29
- Prevalence of and factors affecting post-obturation pain in patients undergoing root canal treatment, 381
- Use of a molar clamp to isolate two adjacent single-rooted teeth: a clinical aid, 507
- root canal walls, A one step procedure for luting glass fibre posts: an SEM evaluation, 679
- root dentine infection, Survival of *Enterococcus faecalis* in infected dentinal tubules after root canal filling with different root canal sealers *in vitro*, 193
- root-end, The influence of root-end resection and root-end cavity preparation on microleakage of root filled teeth *in vitro*, 403
- root-canal anatomy, A comparison between clearing and radiographic techniques in the study of the root-canal anatomy of maxillary first and second molars, 291
- root-end filling, Effect of root-end resection and root-end filling on apical leakage in the presence of core-carrier root canal obturation, 477
- The use of glass ionomer cements in both conventional and surgical endodontics, 91
- The influence of root-end resection and root-end cavity preparation on microleakage of root filled teeth *in vitro*, 403
- root-end fillings, Marginal adaptation of mineral trioxide aggregate (MTA) compared with amalgam as a root-end filling material: a low-vacuum (LV) versus high-vacuum (HV) SEM study, 325
- root-end preparation, Effect of root-end resection and root-end filling on apical leakage in the presence of core-carrier root canal obturation, 477
- root filled teeth, Investigation of the effect of the coronal restoration quality on the composition of the root canal microflora in teeth with apical periodontitis by means of T-RFLP analysis, 819
- root fillings, Periapical status and quality of root fillings and coronal restorations in an adult Spanish population, 525
- rotary instruments, Comparative investigation of two rotary nickel-titanium instruments: ProTaper versus RaCe. Part 1. Shaping ability in simulated curved canals, 229
- Shaping ability of ProTaper nickel-titanium files in simulated resin root canals, 613
- rotary NiTi, Questionnaire survey on the use of rotary nickel-titanium endodontic instruments by Australian dentists, 249
- rotary techniques, Undergraduate teaching and clinical use of rotary nickel-titanium endodontic instruments: a survey of French dental schools, 320

- rotary, Accuracy of the DTC torque control motor for nickel-titanium rotary instruments, 399
An analysis of endodontic treatment with three nickel-titanium rotary root canal preparation techniques, 849
- rubber dam isolation, Use of a molar clamp to isolate two adjacent single-rooted teeth: a clinical aid, 507
- salivary gland tumour, Central adenoid cystic carcinoma of the mandible manifesting as an endodontic lesion, 711
- scanning electron microscopy, Biocompatibility of two commercial forms of mineral trioxide aggregate, 699
- sealer cements, Effect of obturation technique on sealer cement thickness and dentinal tubule penetration, 653
- sealer thickness, Effect of obturation technique on sealer cement thickness and dentinal tubule penetration, 653
- sealer, Determination of pH and calcium ion release provided by pure and calcium hydroxide-containing AHPlus, 42
- sealing property, Effects of calcium hydroxide on physical and sealing properties of canal sealers, 178
- self-etching primer system, Detection of acid diffusion through bovine dentine after adhesive application, 455
- SEM, Internal apical resorption and its correlation with the type of apical lesion, 730
SEM evaluation of canal wall dentine following use of Mtwo and ProTaper NiTi rotary instruments, 832
- sickle cell anaemia, Pulpal necrosis with sickle cell anaemia, 602
- silk, A scanning electron microscope study of plaque accumulation on silk and PVDF suture materials in oral mucosa, 776
- simulated canals, Shaping ability of ProTaper nickel-titanium files in simulated resin root canals, 613
- single-bottle adhesive system, Detection of acid diffusion through bovine dentine after adhesive application, 455
- single-visit, A clinical radiographic retrospective assessment of the success rate of single-visit root canal treatment, 70
- sinus tract, Periosteal grafts as barriers in periradicular surgery: report of two cases, 632
- smear layer, Comparative investigation of two rotary nickel-titanium instruments: ProTaper versus RaCe. Part 2. Cleaning effectiveness and shaping ability in severely curved root canals of extracted teeth, 239
Decalcification of root canal dentine by citric acid, EDTA and sodium citrate, 365
- smear layer, SEM evaluation of canal wall dentine following use of Mtwo and ProTaper NiTi rotary instruments, 832
- sodium hypochlorite, Antimicrobial activity of varying concentrations of sodium hypochlorite on the endodontic microorganisms *Actinomyces israelii*, *A. naeslundii*, *Candida albicans* and *Enterococcus faecalis*, 438
In vitro evaluation of the effectiveness of irrigants and intracanal medicaments on microorganisms within root canals, 311
Toxicity of concentrated sodium hypochlorite used as an endodontic irrigant, 272
- sodium perborate, An *in vitro* comparison of the bleaching efficacy of 35% carbamide peroxide with established intracoronary bleaching agents, 483
Extraradicular diffusion of hydrogen peroxide and pH changes associated with intracoronary bleaching of discoloured teeth using different bleaching agents, 500
- stainless steel files, Susceptibility to localized corrosion of stainless steel and NiTi endodontic instruments in irrigating solutions, 705
- standard, A standard for radiopacity of root-end (retrograde) filling materials is urgently needed, 260
- stepwise excavation, The annual frequency of root fillings, tooth extractions and pulp-related procedures in Danish adults during 1977–2003, 782
- substance P, Role of substance P and calcitonin gene-related peptide in the regulation of interleukin-8 and monocyte chemotactic protein-1 expression in human dental pulp, 185
- success, A clinical radiographic retrospective assessment of the success rate of single-visit root canal treatment, 70
Survival of surgical endodontic treatment performed in a dental teaching hospital: a cohort study, 764
- sulcular incision, Comparison of long-term papilla healing following sulcular full thickness flap and papilla base flap in endodontic surgery, 687
- surgical endodontics, The use of glass ionomer cements in both conventional and surgical endodontics, 91
- survey, Undergraduate teaching and clinical use of rotary nickel-titanium endodontic instruments: a survey of French dental schools, 320
- survival analysis, Survival of surgical endodontic treatment performed in a dental teaching hospital: a cohort study, 764
- sutures, A scanning electron microscope study of plaque accumulation on silk and PVDF suture materials in oral mucosa, 776
- temperature rise, Ultrasonic condensation of gutta-percha: the effect of power setting and activation time on temperature rise at the root surface – an *in vitro* study, 447

- temperature, An evaluation of the use of tooth temperature to assess human pulp vitality, 374
- three-dimensional observation, Three-dimensional observation of pulp cavities in the maxillary first premolar tooth using micro-CT, 46
- thrombin, Proliferation of dental pulp fibroblasts in response to thrombin involves mitogen-activated protein kinase signalling, 145
- tooth bleaching, An *in vitro* comparison of the bleaching efficacy of 35% carbamide peroxide with established intracoronal bleaching agents, 483
Extraradicular diffusion of hydrogen peroxide and pH changes associated with intracoronal bleaching of discoloured teeth using different bleaching agents, 500
Extraradicular diffusion of hydrogen peroxide and pH changes associated with intracoronal bleaching of discoloured teeth using different bleaching agents, 500
- tooth discolouration, An *in vitro* comparison of the bleaching efficacy of 35% carbamide peroxide with established intracoronal bleaching agents, 483
- tooth extractions, The annual frequency of root fillings, tooth extractions and pulp-related procedures in Danish adults during 1977–2003, 782
- torque control motor, Accuracy of the DTC torque control motor for nickel-titanium rotary instruments, 399
- torsional fatigue, Torsional fatigue and endurance limit of a size 30 .06 ProFile rotary instrument, 370
- toxicity, Toxicity of concentrated sodium hypochlorite used as an endodontic irrigant, 272
- Transforming Growth Factor-beta, Expression of transforming growth factor-beta 1 (TGF-beta 1) in odontogenic cysts, 7
Transforming Growth Factor-beta 1 (TGF-beta 1) expression in normal healthy pulps and in those with irreversible pulpitis, 114
- transportation, A comparison of instrument-centering ability within the root canal for three contemporary instrumentation techniques, 265
- treatment outcome, Survival of surgical endodontic treatment performed in a dental teaching hospital: a cohort study, 764
- T-RFLP, Investigation of the effect of the coronal restoration quality on the composition of the root canal microflora in teeth with apical periodontitis by means of T-RFLP analysis, 819
- tubule penetration, Effect of obturation technique on sealer cement thickness and dentinal tubule penetration, 653
- ultrasonic irrigation, The efficacy of ultrasonic irrigation to remove artificially placed dentine debris from different-sized simulated plastic root canals, 607
- ultrasonics, Root canal obturation by ultrasonic condensation of gutta-percha. Part II: an *in vitro* investigation of the quality of obturation, 694
Ultrasonic condensation of gutta-percha: the effect of power setting and activation time on temperature rise at the root surface – an *in vitro* study, 447
- undergraduate teaching, Undergraduate teaching and clinical use of rotary nickel–titanium endodontic instruments: a survey of French dental schools, 320
- unfilled, Clinical response to a vacant post space, 199
- uninstrumented extension, The efficacy of ultrasonic irrigation to remove artificially placed dentine debris from different-sized simulated plastic root canals, 607
- vascular endothelial growth factor, Induction of vascular endothelial growth factor expression in human pulp fibroblasts stimulated with black-pigmented *Bacteroides*, 588
- vertical root fractures, Accuracy of the Justy II Apex locator in determining working length in simulated horizontal and vertical fractures, 174
- vital pulp, Endodontic treatment of an invaginated maxillary lateral incisor with a periradicular lesion and a healthy pulp, 717
- voids, Root canal obturation by ultrasonic condensation of gutta-percha. Part II: an *in vitro* investigation of the quality of obturation, 694
- working length, Electronic apex locators, 425
The accuracy of electronic working length determination, 125

This document is a scanned copy of a printed document. No warranty is given about the accuracy of the copy. Users should refer to the original published version of the material.