

Clinical Research

Frequency and Distribution of Radiolucent Jaw Lesions: A Retrospective Analysis of 9,723 Cases

Tyler Koivisto, Walter R. Bowles, Michael Rohrer

Effect of Platelet Concentrate on Quality of Life after Periradicular Surgery: A Randomized Clinical Study

Massimo Del Fabbro, Valentina Ceresoli, Alessandra Lolato, Silvio Taschieri

Correlation between Clinical/Radiographic Features and Inflammatory Cytokine Networks Produced by Macrophages Stimulated with Endodontic Content

Frederico C. Martinho, Wanderson M.M. Chiesa, Fabio R.M. Leite, Joni A. Cirelli, Brenda P.F.A. Gomes

Differential Expression of MicroRNAs in Normal and Inflamed Human Pulp

Sheng Zhong, Shaoping Zhang, Eric Bair, Salvador Nares, Asma A. Khan

Comparative Evaluation of 1.8 mL and 3.6 mL of 2% Lidocaine with 1:200,000 Epinephrine for Inferior Alveolar Nerve Block in Patients with Irreversible Pulpitis: A Prospective, Randomized Single-blind Study

Vivek Aggarwal, Mamta Singla, Sanjay Miglani, Sarita Kohli, Sandeep Singh

Basic Research

Biology

Simvastatin Alleviates the Progression of Periapical Lesions by Modulating Autophagy and Apoptosis in Osteoblasts

Eddie Hsiang-Hua Lai, Chi-Yuan Hong, Sang-Heng Kok, Kuo-Liang Hou, Ling-Hsiu Chao, Li-Deh Lin, Mu-Hsiung Chen, Ping-Han Wu, Sze-Kwan Lin

The Levels of Vascular Endothelial Growth Factor and Bone Morphogenetic Protein 2 in Dental Pulp Tissue of Healthy and Diabetic Patients

Jugoslav Ilić, Katarina Radović, Jelena Roganović, Božidar Brković, Dragica Stojić

Lysyl Oxidase and the Lysyl Oxidase-like Protein Modulate Odontoblastic Differentiation of Human Dental Pulp Cells

Eun-Cheol Kim, Hwa-Jeong Lee, Youngho Kim

Regulation of Vascular Cell Adhesion Molecule-1 in Dental Pulp Cells by Interleukin-1 β : The Role of Prostanoids

Mei-Chi Chang, Li-Deh Lin, Jenny Zwei-Ching Chang, Chiung-Fang Huang, Fu-Hsiung Chuang, Jang-Jaer Lee, Po-Yuan Jeng, Tong-Mei Wang, Jjiang-Huei Jeng

Cytidine-Phosphate-Guanosine Oligonucleotides Induce Interleukin-8 Production through Activation of TLR9, MyD88, NF- κ B, and ERK Pathways in Odontoblast Cells

Wenxi He, Yaqing Zhang, Jing Zhang, Qing Yu, Ping Wang, Zhihua Wang, Anthony J. Smith

Anandamide Induces Matrix Metalloproteinase-2 Production through Cannabinoid-1 Receptor and Transient Receptor Potential Vanilloid-1 in Human Dental Pulp Cells in Culture

Keiko Miyashita, Tohru Oyama, Tetsuya Sakuta, Masayuki Tokuda, Mitsuo Torii

Isolation and Identification of CXCR4-positive Cells from Human Dental Pulp Cells

Long Jiang, Wei-Wei Peng, Li-Fen Li, Ya Yang, Ya-Qin Zhu

Changes in Proliferation and Osteogenic Differentiation of Stem Cells from Deep Caries *In Vitro*

Dandan Ma, Jie Gao, Jing Yue, Wenjuan Yan, Fuchun Fang, Buling Wu

Toll-like Receptor 2 Knockout Mice Showed Increased Periapical Lesion Size and Osteoclast Number

Raquel Assed Bezerra da Silva, Paula Dariana Fernandes Ferreira, Andriara De Rossi, Paulo Nelson-Filho, Lea Assed Bezerra Silva

Quantitative Determination of High-temperature Requirement Protein A1 and Its Possible Associated Molecules during Induced Reparative Dentin Formation

Xianyu Li, Mi Zhou, Xiaoying Wang, Ran Li, Nana Han, Qi Zhang

Technology

Decreased Bacterial Adherence and Biofilm Growth on Surfaces Coated with a Solution of Benzalkonium Chloride

David E. Jaramillo, Alberto Arriola, Kamran Safavi, Luis E. Chávez de Paz

Residual Activity of Chelating Agents and their Combinations with Cetrimide on Root Canals Infected with *Enterococcus faecalis*

Carmen María Ferrer-Luque, Amanda Conde-Ortiz, María Teresa Arias-Moliz, Mariano José Valderrama, Pilar Baca

Effects of Calcium Silicate-based Materials on Collagen Matrix Integrity of Mineralized Dentin

Alaina P. Leiendecker, Yi-Pin Qi, Allen N. Sawyer, Li-Na Niu, Kelli A. Agee, Robert J. Loushine, Roger N. Weller, David H. Pashley, Franklin R. Tay

Effect of Ultrasonic Activation on pH and Calcium Released by Calcium Hydroxide Pastes in Simulated External Root Resorption

Marco Antonio Hungaro Duarte, Nickolas V. Balan, Marcia A. Zeferino, Rodrigo R. Vivan, Carlos Alberto H. Morais, Mário Tanomaru-Filho, Ronald

Ordinola-Zapata, Ivalgo G. Moraes

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Lei-Meng Jiang, Bram Lak, Leonardus M. Eijssvogels, Paul Wesselink, Lucas W.M. van der Sluis

[Evaluation of Radiopacity, pH, Release of Calcium Ions, and Flow of a Bioceramic Root Canal Sealer](#)

George Taccio de Miranda Candeiro, Fabrícia Campelo Correia, Marco Antônio Húngaro Duarte, Danieli Colaço Ribeiro-Siqueira, Giulio Gavini

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Aysun Kara Tuncer, Safa Tuncer

Case Report/Clinical Techniques

[A Clinical and Histological Report of a Tooth with an Open Apex Treated with Regenerative Endodontics Using Platelet-rich Plasma](#)

Mahmoud Torabinejad, Hadi Faras

Retraction Notice

[Retraction Notice to Mineralized Tissue Formation by Bone Morphogenetic Protein-7–transfected Pulp Stem Cells: J Endod 38\(2012\)170–176](#)

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