EDITORIAL

In exhortation of advocacy: we can do better. David S. Precious, CM, DDS, MSc, FRCDC, FRCS, Dhc

CLINICOPATHOLOGIC CONFERENCE

A giant radiopaque mass in the masticatory space. Young-Ah Cho, DDS, Hye-Jung Yoon, DDS, PhD, Seong-Doo Hong, DDS, PhD, Jae-II Lee, DDS, PhD, and Sam-Pyo Hong, DDS, PhD, Seoul, Korea

ORAL AND MAXILLOFACIAL SURGERY

The predictors of implant failure after maxillary sinus floor augmentation and reconstruction: a retrospective study of 1045 consecutive implants. Max J. Zinser, MD, DDS, Peter Randelzhofer, DDS, Luit Kuiper, DDS, Joachim E. Zöller, MD, DDS, PhD, and Gert L. De Lange, DDS, PhD, Cologne, Germany; and Amstelveen, the Netherlands

Longitudinal trends in discharge patterns of orthognathic surgeries: is there a regionalization of procedures in teaching hospitals?. Veerasathpurush Allareddy, BDS, MBA, MHA, PhD, MMSc, Marc B. Ackerman, DMD, MBA, Shankar R. Venugopalan, BDS, PhD, Sumit Yadav, BDS, MDS, PhD, Vikrum S. Nanda, DMD, and Ravindra Nanda, BDS, MDS, PhD, Boston, Massachusetts; and Farmington, Connecticut

Parameters predicting complications in flap surgery. Jörg Handschel, PhD, MD, DDS, Stefan Burghardt, MD, DDS, Christian Naujoks, PhD, MD, DDS, Norbert R. Kübler, PhD, MD, DDS, and Günter Giers, PhD, MD, DDS, Düsseldorf, Germany

The effect of tranexamic acid on blood loss in orthognathic surgery: a meta-analysis of randomized controlled trials. Guodong Song, DDS, Ping Yang, MD, Jing Hu, DDS, Songsong Zhu, DDS, Yunfeng Li, DDS, and Qiushi Wang, DDS, Chengdu, China

On the Cover: Representative sections of KCOT lining epithelium showing claudin-1 expression. Images from article beginning on page 652.
Review and recommendations for the prevention, management, and treatment of postoperative and postdischarge nausea and vomiting. Danielle Cruthirds, PhD, Pamela J. Sims, PharmD, PhD, and Patrick J. Louis, DDS, MD, Birmingham, Alabama

Online Only Articles

The removal of a malpositioned implant in the anterior mandible using piezosurgery. Ettore Marini, MD, DDS, Veronica Cisterna, MSc, and Antonello Maria Messina, DDS, Rome, Italy

Endodontic management of mandibular third molar with three mesial roots using spiral computed tomography scan as a diagnostic aid: a case report. Deepak Tomar, BDS, MDS, Anil Dhingra, BDS, MDS, Anil Tomer, BDS, MDS, Shalini Sharma, BDS, MDS, Vivek Sharma, BDS, MDS, and Anjali Miglani, BDS, MDS, Uttar Pradesh, India

Continued root development of a surgically repositioned human incisor tooth germ. Seunghye Kim, DDS, MS, Junhewk Kim, DDS, Je Seon Song, DDS, MS, PhD, Hyung-Jun Choi, DDS, MS, PhD, Byung-Jai Choi, DDS, MS, PhD, and Seong-Oh Kim, DDS, MS, PhD, Seoul, Korea

Successful immediate autotransplantation of tooth with incomplete root formation: case report. Rahul Kumar, MDS, Neha Khambete, MDS, and Ekta Priya, BDS, Navi Mumbai, Aurangabad, and Chennai, India

ORAL MEDICINE

Salivary flow, testosterone, and femur bone mineral density in menopausal women with oral dryness feeling. Farzaneh Agha-Hosseini, DDS, MSc, Mahdieh-Sadat Moosavi, DDS, and Iraj Mirzaii-Dizgah, PhD, Tehran, Iran

Qualitative and quantitative changes in saliva among patients with thyroid dysfunction prior to and following the treatment of the dysfunction. Dhanya Muralidharan, MDS, Nusrath Fareed, MDS, P.V. Pradeep, MS, DNB, MRCS (Edin), MCh, Shanthi Margabandhu, MDS, K. Ramalingam, MSc, PhD, and B.V. Ajith Kumar, MD, DM, Andhra Pradesh, India

Commercial mouthwashes are ineffective against oral MRSA biofilms. Karen Smith, PhD, Douglas P. Robertson, PhD, BDS (Hons), MFDS, FHEA, David F. Lappin, PhD, and Gordon Ramage, PhD, Ayr and Glasgow, UK

Use of archived biopsy specimens to study gene expression in oral mucosa from chemotherapy-treated cancer patients. Jean-Luc C. Mougeot, PhD, Farah K.B. Mougeot, PhD, Douglas E. Peterson, DMD, PhD, Ricardo J. Padilla, DDS, Michael T. Brennan, DDS, MHS, and Peter B. Lockhart, DDS, Charlotte, NC, Farmington, CT, and Chapel Hill, NC, USA

Online Only Articles

A mucoepidermoid carcinoma in a young man with intellectual disability: review of oral cancer in people with intellectual disability. Daniel Satgé, MD, PhD, Pascal Clémenson, MD, Motoi Nishi, MD, PhD, Alix Clémenson, MD, Martine Hennequin, DCD, PhD, Cécile Pacaut, MD, Joris Mortier, MD, and Stéphane Culin, MD, PhD, Montpellier, Saint-Étienne, Clermont-Ferrand, and Paris, France; and Tobetsu, Japan
Oral mucositis in patients receiving low-dose methotrexate therapy for rheumatoid arthritis: report of 2 cases and literature review. Matthias Troeltzsch, DMD, MD, Gerhard von Blohn, MD, Stefanie Kriegelstein, MD, Timothy Woodlock, MD, Volker Gassling, DMD, MD, Ronald Berndt, MD, and Markus Troeltzsch, DMD, MD, Ansbach, Munich, Campus kiel, and Goettingen, Germany; and Rochester, NY, USA

ORAL AND MAXILLOFACIAL PATHOLOGY

Phosphorylated mammalian target of rapamycin is associated with an adverse outcome in oral squamous cell carcinoma. Luís Silva Monteiro, DDS, MSc, PhD, Maria Leonor Delgado, BSc, MSc, Sara Ricardo, BSc, MSc, PhD, Fernanda Garcez, BSc, MSc, Barbas do Amaral, MD, PhD, Saman Warnakulasuriya, BDS, FDSRCS, PhD, DSc, and Carlos Lopes, MD, PhD, Paredes and Porto, Portugal; and London, United Kingdom

An expanded and revised early history of the adenomatoid odontogenic tumor. Fumio Ide, DDS, PhD, Takashi Muramatsu, DDS, PhD, Yumi Ito, DDS, PhD, Kentaro Kikuchi, DDS, PhD, Yuji Miyazaki, PhD, Ichiro Saito, DDS, PhD, and Kaoru Kusama, DDS, PhD, Yokohama and Saitama, Japan

Claudin expression and tight junction protein localization in the lining epithelium of the keratocystic odontogenic tumors, dentigerous cysts, and radicular cysts. Chong Huat Siar, BDS, MSc, FDSRCPs, FRCPath, and Syed Amjad Abbas, BDS, Kuala Lumpur, Malaysia

Bisphosphonate related osteonecrosis of the jaws: clinico-pathological investigation and histomorphometric analysis. Karen Anavi-Lev, DMD, Yakir Anavi, DMD, Gavriel Chaushu, PhD, Dror M. Alon, DMD, Gavriel Gal, DMD, and Ilana Kaplan, Jerusalem, Petach Tikva, and Tel Aviv, Israel

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Benign fibro-osseous lesions: clinicopathologic features from 143 cases diagnosed in an oral diagnosis setting. Juliana de Noronha Santos Netto, DDS, MSc, Juliana Machado Cerri, DDS, Águida Maria Menezes Aguiar Miranda, DDS, MSc, and Fábio Ramôa Pires, DDS, PhD, Rio de Janeiro, Brazil

Metastatic Merkel cell carcinoma of the oral cavity in a human immunodeficiency virus-positive patient and the detection of Merkel cell polyomavirus. Mengtao Li, MD, PhD, Negin Sagha, DDS, Earl Freymiller, DMD, MD, John R. Basile, DDS, DMSc, and Yi-Ling Lin, DDS, DMSc, Los Angeles, California; and Baltimore, Maryland

ORAL AND MAXILLOFACIAL RADIOLOGY

Validation of the cone beam computed tomography—based stereolithographic surgical guide aiding autotransplantation of teeth: clinical case—control study. Maryam Shahbazian, DDS, PhD, Reinhilde Jacobs, DDS, PhD, Jan Wyatt, DDS, MSc, Delphine Denys, DDS, MSc, Ivo Lambichts, DDS, PhD, Frans Vinckier, DDS, PhD, and Guy Willems, DDS, PhD, Leuven and Diepenbeek, Belgium
Number of basis images effect on detection of root fractures in endodontically treated teeth using a cone beam computed tomography machine: an in vitro study. Boulos Bechara, DDS, C. Alex McMahan, PhD, Ibrahim Nasseh, DDS, DSO, FICD, Hassem Geha, DDS, MS, Elie Hayek, DDS, DU, Georges Khawam, DDS, DU, Michel Raad, DDS, MS, and Marcel Noujeim, DDS, MS, San Antonio, TX and Boston, USA; and Beirut, Lebanon

The effect of computed tomographic scanner parameters and 3-dimensional volume rendering techniques on the accuracy of linear, angular, and volumetric measurements of the mandible. Brian J. Whyms, BS, Houri K. Vorperian, PhD, Lindell R. Gentry, MD, Eugene M. Schimek, MS, Edward T. Bersu, PhD, and Moo K. Chung, PhD, Madison, WI, USA

Retromolar canals as observed on cone-beam computed tomography: their incidence, course, and characteristics. Seema Patil, MDS, Yukiko Matsuda, DDS, PhD, Koh Nakajima, PhD, Kazuyuki Araki, DDS, PhD, and Tomohiro Okano, DDS, PhD, Tokyo, Japan

LETTERS TO THE EDITOR
Carotid artery calcifications are a risk indicator for both myocardial infarction and stroke. Arthur H. Friedlander, DMD, Los Angeles, CA, United States

In Reply. David MacDonald, BDS, BSc (Hons), LLB (Hons), MSc, DDS (Edin), DDRCR, FDSRCPS, FRCDC(C), Andrew Chan, MD, Alison Harris, MD, FRCPC, Talia Vertinsky, MD, FRCPC, Allan G. Farman, PhD, DSc, MBA, DipABOMR, and William C. Scarfe, BDS, MS, FRACDS, DipABOMR, Vancouver, BC, Canada

ERRATUM
Erratum to “Oral manifestations of habitual khat chewing: a case-control study”

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