



2nd International Conference on

Restorative Dentistry and Prosthodontics

May 01-02, 2017 Toronto, Canada

Keynote Forum

Day 1

Restorative Dentistry & Prosthodontics 2017

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Alan J Kilistoff

University of Alberta, Canada

Manual dexterity test for admissions: Have we asked the right question?

Psycho-motor skills form the basis of much of Dentistry. Competence in being able to prepare and restore teeth is a prime requirement of graduation from dental school. Very little is done to assess the psycho-motor ability of applying dental school candidates in most school admission protocols. Historically, a manual dexterity test (soap carving) has been used in admissions to evaluate pre-dental students, but has proved inconclusive. It was concluded through a literature, that their manual dexterity test did not add any information to current admission criteria. Their test was not a dentally authentic skill, and they compared test performance to grades. Our approach is to use an authentic skill, and to compare performance on the test to the time required by students to achieve a passing grade. A novel wax carving protocol is being examined as a possible manual dexterity test. Following ethics approval, first year dental students from the University of Alberta, participated in the wax carving protocol. This test was administered on their first day in the simulation laboratory (January), and again just before summer break (end of June). The students were asked to record the number of hours they spent in developing these skills both in class and extracurricular. The test artifacts were photographed using a standardized protocol and the photographs were graded by 3 independent instructors. Students with lower test scores spent significantly more time practicing in order to achieve a passing grade. This test may prove useful in admission criteria for dental school.

Biography

Alan J Kilistoff is currently working as a Clinical Professor at the University of Alberta, Edmonton Alberta, Canada. He graduated from the University of British Columbia, Canada, with a DMD, and practiced in a private clinic for 28 years. He started teaching at the University of British Columbia in 2000. He moved to the University of Saskatchewan in 2005. In 2012, he moved to the University of Alberta. He received a Master of Education Technology degree from the University of British Columbia. His current interests include ergonomics and dental loupes magnification, dental materials, dental education (particularly psycho-motor skill development) and operative dentistry.

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Juanita Benedict

Healthy Solutions for Dental Professionals, USA

Beyond ergonomics: Why you are still practicing dentistry in pain and how to stop?

In 2015, Business Insider ranked dentistry as the number one profession most dangerous to your health. Great advances have been made in dental ergonomics over the past few decades to address the serious health consequences of delivering dental care. This has created a greater awareness of the physical, psychological and financial consequences of dentistry and the need to change how dental professionals practice. Despite these advances, recent research reveals 60-80% of dentists and up to 95% of dental hygienists practice in pain. The fantastic news is that this pain can be 100% eliminated. Beyond Ergonomics is a course designed for dental professionals to practice and who want to take action to improve their health and extend their careers by learning how to stop pain. Participants of this class will explore the fundamental building blocks of pain and learn strategies to interrupt it at the physiological level. Participants will discover the secrets of creating, organizing and performing effective individualized assessments in order to tailor interventions specifically designed for their bodies and unique delivery of care. Assessing environmental, physical and psychological contributions to pain and applying personalized strategies is the only way to realize pain free dentistry. Beyond Ergonomics empowers dental professionals to take control of their practice and regain your love of dentistry.

Biography

Juanita Benedict is a Doctor of Physical Therapy, Certified Ergonomic Assessment Specialist, Dental Blogger and Founder of Healthy Solutions for Dental Professionals. Her expert knowledge of the body and personal experience in the dental field provides her a distinctive perspective on practicing dentistry in pain. She uses her unique skill set to consult dental professionals, speak with professional groups as well as students, and regularly contributes to several blogs. Her mission is to rescue the health of dental professionals by providing high quality evidence based information that is easily accessible and implementable.

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Amir Hadjhamou

The Elite Academy, UAE

PLV work flow: Predicting the outcome

With patients' demands seeking elective aesthetic treatment, dentistry & more specifically aesthetic dentistry has developed a lot in the last decade. One of the major aspects of this field is Porcelain Laminate Veneers (PLV). Thanks to the latest developments in the bonding systems & types of ceramics available nowadays, it is now possible to offer our patients the best aesthetic result with minimal compromise to the dental tissues. In order to achieve that, a precise workflow & a specific set of steps should be followed in such an approach with minimally invasive notions, starting with dental photography, digital smile design, mock-ups & deep cuts to temporization techniques as well as respecting the recommended cementation protocols. This presentation will focus on the workflow, clinical steps & protocol followed in the fabrication of porcelain laminate veneers.

Biography

Amir Hadjhamou is a Consultant in Prosthodontics and Dental Implants. He has obtained his Post-doctoral degrees from Université Claude Bernard Lyon I where he was also appointed as a Lecturer in addition to his clinical duties in the Oral Maxillofacial Department and Prosthodontics Department at Hotel-Dieu Hospital, Lyon, France. In the UAE, he has been practicing as a Senior Clinical Supervisor in Prosthodontics at the University of Sharjah, College of Dental Medicine, for the last nine years and holds two private practices dedicated to aesthetic rejuvenations & dental implants. He is the Founding Director of the Aesthetic Dentistry and Applied Methods Course and the advanced course on Full Mouth Reconstructions and Director of the Elite Academy, an academy that provides continuous education and postdoctoral training in partnership with University of Lyon I in France.

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Pankaj P Kharade

Z A Dental College - Aligarh Muslim University, India

Fibula flap as a saviour to avert disability - From mandibular reconstruction to prosthetic rehabilitation

Prosthetic management after resection of mandible creating mandibular discontinuity is very complicated due to muscular imbalance on the residual portion of the mandible. The treatment result and prognosis of prosthetic rehabilitation of these patients is extremely poor. Disfigured face is the principal concern of the patient due to worsened cosmetic appearance. Such kind of imbalanced forces create masticatory difficulty. Thus the overall physical condition leads to deprived quality of life of the patients. The composite fibular flap is the preferred donor site for most complex orofacial-mandibular defects as an ideal choice for rehabilitation of mandibular discontinuity defects. The addition of a skin island with the fibula flap allows for absolute tension-free intraoral closure that enhances tongue mobility. The fibula osteomyocutaneous flap is basically recommended for reconstruction of lateral and symphyseal composite defects that include extensive amounts of intraoral mucosa, tongue, and external skin. After reconstruction with free fibula graft, prosthodontic rehabilitation can be planned in a range of ways. This paper flings light on different clinical considerations and treatment alternatives to rehabilitate the patient who have undergone mandibular resection and reconstruction with free fibula flap.

Biography

Pankaj P Kharade has completed his Master's in Prosthodontics from West Bengal University of Health Sciences, Kolkata and Post-doctoral studies from Tata Cancer/Memorial Centre, Mumbai. He has been awarded fellowship by Japan Prosthodontic Society. He is Assistant Professor in Department of Prosthodontics at Aligarh Muslim University, a premier organization in India. He has published more than 35 papers in reputed journals and has been serving as an expert for journal. He has received advanced training in Implantology under Medical Scientist Exchange programme by National Academy of Medical Sciences.

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