



UNIVERSITY OF ALBERTA
FACULTY OF MEDICINE & DENTISTRY
Continuing Dental Education

3rd Annual International Implant Symposium

BANFF
ALBERTA
JULY 13-14
2018

WHEN

JULY 13-14, 2018

Time: 8:30AM - 4:30PM
Registration Starts @ 8:15AM

COST

\$ 595 DDS
\$ 325 RDH/RDA/RDT

12 CE CREDITS

WHERE

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TOPICS & SPEAKERS

MINIMIZING DENTAL IMPLANT COMPLICATIONS WITH 3D DIGITAL PLANNING

Technology has changed a great deal over the last few decades in many areas, including the planning and delivery of dental implant care. It is clear that paradigms based upon old technology are due for reassessment in the light of the new technology that offers the ability to enhance our results and lower the risk of complications.

OBJECTIVES

- To provide an historical perspective of dental implant treatment planning
- To provide a current assessment of dental implant treatment planning technology
- To suggest ways to make significant improvements in how we currently plan and deliver implant therapy using 3D digital Imagery
- To provide a surgical rationale for how patients benefit when we maximize the use of digital planning
- To support the notion and better planning up front makes everything that follows so much easier... for us and for our patients.



DR. DOUGLAS N. DEDERICH, BSEE, DDS, MSC, PHD, CERT. PERIO.

Dr. Dederich earned a BS in electrical engineering and DDS from the University of Iowa, followed by an MSc and PhD in biomedical engineering from the University of Alberta. He did his specialty training in periodontics at the University of Pittsburgh School of Dental Medicine.

He served as Head, Department of Periodontics, at the Louisiana State University School of Dentistry in New Orleans, Louisiana from 1998 to 2005 prior to serving as Acting Chair of the Department of Dentistry at the University of Alberta in Edmonton. Currently, he is a Professor in the School of Dentistry at the University of Alberta and spends his time teaching in the Graduate Periodontics Program. He maintains a part-time specialty practice in periodontics and dental implants in Edmonton. His Biomedical Engineering PhD research area focused on the topic of laser/tissue interaction. He has served as a consultant to the United States National Institutes of Health, The Council on Scientific Affairs of the American Dental Association and the American Academy of Periodontology. He served a 4-year term on the American Dental Association's Council on Scientific Affairs, and was elected Vice-Chair of the Council on Scientific Affairs for the year 2005-6. He also served as the Chair of the American Dental Association's Standards Committee Working Group 6.58 on Dental Lasers, a group that produced a Technical Report to the Profession outlining standards of evidence for dental laser applications. He has published over 80 publications and abstracts in refereed scientific journals, and has made over 130 scientific presentations in North America and Europe and has been a recipient of major NIH funding in the area of laser interaction with hard tissue. He is listed in Woodward and White's Best Dentists in America (2004).

A NOVEL TECHNIQUE FOR RIDGE AUGMENTATION UTILIZING PDGF-BB, FDBA AND TITANIUM MESH

Sufficient multidimensional osseous support has been shown to be one of the most determinant factors for implant placement and long term success. Insufficient or total lack of bone has been addressed by bone grafts, which provide ridge augmentation through a regeneration process, ridge split procedures, and distraction osteogenesis. This case series study introduces a novel technique for vertical and horizontal ridge augmentation and clinically and histologically evaluates the potential of rhPDGF-BB to stimulate reliably significant vertical and horizontal bone regeneration when used with human bone allografts contained by a titanium mesh.



DR. KEVIN GUZE, DMD, DMSc, MSc, RCDC(C)

Dr. Kevin Guze is a Faculty Instructor in the Department of Oral Medicine, Infection & Immunity at the Harvard School of Dental Medicine. Dr. Guze graduated from the University of British Columbia school of Dental Medicine, and from a General practice residency at Vancouver general hospital. Dr. Guze then practiced general

Dentistry in Vancouver for 12 years. His practice focused primarily on surgical procedures including periodontal, third molar and implant placement and restoration. He continued his Post-graduate studies at the Harvard School of Dental Medicine and received his Certificate in Periodontology and Doctor of Medical Science in Oral Biology. He then completed his Masters of Science in Therapeutic Pharmacology at Oxford University in the U.K. Dr. Guze's research interests include Translational Clinical Research in Tissue Engineering and Novel Diagnostic Technologies.

COME TO LEARN & RELAX



RELAX & RECHARGE

Spend time at the Symposium, but take the time to enjoy the Banff National Park and in all it's summertime glory!



NETWORK

With an international flair, get the opportunity to meet and mingle with people from all over the world.



EXPLORE

The Banff National Park is host to a wide variety of animal and plant life. Take time to explore the surrounding area.



DID YOU KNOW?

The World Famous Calgary Stampede will be on, just before the Symposium. Take time to go to the rodeo, then head to Banff!



GIVE TEETH A CHANCE

Perio-prosthetic implant treatment plan is usually based on tooth prognosis evaluation and its comparison to the anticipated long-term implant survival. Different approaches for determining tooth prognosis were described in the literature. Over the past decade, the use of osseointegrated implants as a foundation for prosthetic replacement of missing teeth has become widespread. However, there is an increasing trend toward replacing diseased teeth with dental implants. This lecture will provide a re-evaluation of our paradigms, beliefs and knowledge regarding both tooth prognosis evaluation and long-term implant success according to the currently available knowledge. We, as dental professionals, should avoid basing our treatment planning on thoughts and beliefs and stick as much as possible to evidence based practice.



DR. LIRAN LEVIN, DMD, FIADT, FRCD(C)

Dr. Liran Levin is a Professor and Head of the Periodontology Division at the Faculty of Medicine and Dentistry, University of Alberta, Canada. He is also a visiting professor at the Harvard School of Dental Medicine, Boston, MA.

Prof. Liran Levin was the Head of Research at the School of Dentistry, Rambam Health Care Campus, and Faculty of Medicine - Technion IIT Haifa, Israel. He received his DMD degree with distinction at Tel Aviv University and completed his Post Graduate Periodontology Program at the Department of Periodontology, Rambam Health Care Campus. He also received his Periodontology Specialist Certificate from the European Federation of Periodontology as well as a Fellow of the Royal College of Dentists of Canada in Periodontology.

Prof. Liran Levin has published more than 230 articles and book chapters in the international professional literature and is involved in research mainly in periodontology, dental implants and dental trauma. He has been lecturing extensively both nationally and internationally in the fields of dental implants and periodontal diseases. Prof. Levin serves as an Associate Editor for the International Dental Journal, Scientific Associate Editor for the Quintessence International, Associate Editor for the Dental Traumatology and as an Editorial Board Member and a manuscript reviewer for some of the leading international professional Journals in the fields of periodontology, dental implants, dental trauma and general dentistry.

THE TOTAL DIGITAL IMPLANT PLANNING AND RESTORATION CONCEPT –ARE WE THERE YET?

The most important phase in a complex implant case preparation is a precise pre-operative diagnosis and understanding of the treatment aims and the case limitations. With the aid of digital planning of the case through digital modelling and softwares, the clinician can predict anatomic conditions and occlusal limitations. It allows the clinician to transfer the planned 3-D implant position from the software into the surgical field, to plan in advance the restored teeth in respect to the occlusal relationship and to the optimal implant position, to produce in advance a Cad/Cam provisional restoration and to decide regarding the surgical and prosthodontic protocols to choose such as late vs. immediate loading following a conventional flap vs. flap-less implant surgery. But what about the precision of the available intraoral scanners in oral implantology? Are we there yet? During the presentation the relevant and most updated literature and actual conclusions will be presented with few complex clinical cases.



DR. EITAN MIJIRITSKY, DMD, DIPL.-PROSTH

Dr. Eitan Mijiritsky is a graduate of the Tel-aviv University School (1990) of Dental Medicine where he also completed his Postgraduate studies and Specialty with Diploma in Prosthodontics (1996). He served as As.Prof. and Researcher at the Oral Rehabilitation Department of the Tel-aviv University School of Dental Medicine.

Dr. Mijiritsky is the President of the Israel Society of Prosthodontics. He is Research Coordinator – Dep. of Oral and Maxillofacial Surgery, Sourasky Tel-Aviv Medical Center, a Visiting Professor at the Master Course of Digital Dentistry at the Universities of Varese and Pisa in Italy and at the Universities of Murcia and Granada in Spain, and Associate Professor at the University of Titu Maioresco, Bucharest, Romania.

Dr. Mijiritsky is a Board Member of the International Digital Dentistry Society (DDS) Ambassador of the DDS in Israel, and Co-Founder of the Israeli Association of Oral Implantology IAOI (ICOI-affiliated). He is DIPLOMATE of the International College of Oral Implantologists (ICOI), and member of the Editorial Boards of “International Journal of Oral Implantology and Clinical Research”, “Case reports in Dentistry” and “Journal of Oral Science and Rehabilitation”

Associate Editor at “BMC Oral Health”. Dr. Mijiritsky is both a nationally and internationally active keynote lecturer and scientific chairman in numerous seminars and meetings. He is the author of 60 articles in peer reviewed international journals, related to implant dentistry, bone regeneration, esthetics and prosthodontics. Dr. Eitan Mijiritsky is also the head of the “Mijiritsky Dental Experts Center” in Tel-Aviv, Israel.

IMPLANTS SURGICAL AND PROSTHETIC APPROACH – COORDINATE THROUGH EVIDENCE

As dental materials and procedures become increasingly sophisticated and the array of options that practitioners can offer expands, treatments decision making should be guided by best available evidence. In this lecture we will review how the treatment planning process of cases involving dental implants is impacted by best-available evidence and how this evidence is applied in the execution of the treatment plan. This lecture intends to provide a multi-disciplinary perspective with a patient-centric approach while exploring treatment dilemmas faced by clinicians.



DR. SORIN TEICH, DMD, MBA

Dr. Sorin Teich graduated in 1991 from the Hebrew University- Hadassah School of Dental Medicine in Jerusalem, Israel. In 1995 he obtained from the same institution a certificate in prosthodontics and became board certified in Israel in 1996. In 2004 he graduated from the Kellogg – Recanati International Executive

MBA program with a joint degree from Tel Aviv University in Israel and Northwestern University in Chicago, USA. Dr. Teich served as the Associate Dean of Clinical Operations and currently is a tenured Associate Professor at Case Western Reserve University (CWRU) School of Dental Medicine in Cleveland, Ohio, USA.

Dr. Teich is an Associate Scientific Editor of the Quintessence International Journal, a member of the ADEA Journal of Dental Education Editorial Review Board, and holds adjunct academic appointments at the Herman Ostrow School of Dentistry - University of Southern California, and the School of Dental Medicine - University of Pennsylvania. With 50 articles published in peer reviewed journals, his research interest revolves around evidence based dentistry, dental materials, and clinical education. He is a consultant to many dental schools in the United States and lectures nationally and internationally about his topics of interest.



BANFF

**CENTRE
FOR ARTS AND
CREATIVITY**

**EIGHTY
FIVE** 1933
2018
YEARS



UNIVERSITY OF ALBERTA
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Founded in 1933, Banff Centre for Arts and Creativity is a learning organization built upon an extraordinary legacy of excellence in artistic and creative development. What started as a single course in drama has grown to become the global organization leading in arts, culture, and creativity across dozens of disciplines. From our home in the stunning Canadian Rocky Mountains, Banff Centre for Arts and Creativity aims to inspire everyone who attends our campus – artists, leaders, and thinkers – to unleash their creative potential.

We have also secured a room block at the Banff Center hotel at an exceptionally low peak-season rate of **\$210/night** (+ taxes/services charges), and made this fantastic rate available for 3 days prior to and post the conference dates! Accommodations in other hotels for that period are significantly higher. **Rooms are limited and are based on first come- first served** (available till June 22) so do not delay in securing your accommodation! Reservations at this hotel also allow residents complementary access to their facilities, and select events, shows and concerts that may be ongoing at that time.



AMENITIES

Impeccable service, exceptional views and amenities in a peaceful, natural setting. Designed with the visitor in mind, with quick access to all Banff has to offer.

Nestled on the side of Tunnel Mountain, on 43 serene acres, we have two hotels on our grounds to suit a range of experiences. All guests enjoy property-wide WiFi, parking, admission to The Banff Centre's Walter Philips Gallery, and PLUS Membership at our extensive fitness and recreation facilities.

Please note: The photos above are representative of the room category. Actual rooms may vary from what is shown. Room sizes are approximate.

Room Type	Rate/Night	Extra Person Fee
One Bed per Room	\$210 CAD	\$ 20 CAD
Two Beds per Room	\$210 CAD	\$ 20 CAD

Book your hotel room at: <https://book.b4checkin.com/chameleon/banffcentre/rlp/DIP1807>

or call the Banff Centre toll free at + 1 (800) 884-7574 (Canada & U.S.A) please use booking-ID DIP1807 as a reference.