

Department of Restorative Dental **The Operative Bond**



The ADA recognizes Operative Dentistry as interest area in general dentistry

Special points of interest:

- Operative Dentistry recognized by the ADA
- Dr. Cassiano joins the Operative Division
- 1st Mini Symposium in Biomaterials
- A word from Dr. Delgado
- Faculty Updates
- NDPBRN student workshop

The American Dental Association is recognizing operative dentistry as an interest area in general dentistry – [*the first to receive the distinction*](#) – after the ADA House of Delegates adopted Resolution 19H-2016 during its annual meeting in Denver.

The recognition of operative dentistry as an interest area provides a more appropriate naming or brand that enhances and advances operative dentistry postdoctoral education opportunities and research, according to the ADA Council on Dental Education and Licensure's recommendation to grant recognition.

The recognition is likely to lead to the development of national accreditation standards for graduate programs in the field. There are currently nine advanced education programs in operative dentistry in the U.S., with about 122 residents enrolled in the programs in 2015.

Operative dentistry is that area of general dentistry concerned with the treatment of diseases and/or defects of the hard tissues of teeth, specifically the restoration of the form, function and aesthetics of those hard tissues.

According to the application, operative dentistry is a distinct and separate field of knowledge because there are areas of operative dentistry that are unique and not taught by any other academic discipline of dentistry. These include the etiology, microbiology, prevention and treatment of dental caries; the treatment of trauma to the hard tissues of teeth; and the use of CAD/CAM technology for the restoration of teeth with inlays and onlays.

Operative dentistry met all five criteria for recognition of an interest area in general dentistry, which were adopted by the ADA House of Delegates in 2010. These include that the body of knowledge is sufficient to educate individuals in a distinct advanced education area of general dentistry, not merely one or more techniques; and the competence of the graduates of the advanced education programs is important to the health care of the general public.

The recognition, is mainly about advancing postdoctoral education in operative dentistry. The next steps for AOD include working with CDEL to ensure that the official name of this interest area and with CODA on pursuing an accreditation process for these advanced dental education programs.

Operative Division Teaching

Dr. Luisa Cassiano joins the Division of Operative Dentistry

Dr. Luisa Cassiano DDS, MS, received her DDS degree from the Federal University of Rio Grande do Sul on December 2009 in Brazil. In 2012, she earned her certificate in implant dentistry and periodontology at the University of Brasilia. In 2014 she finished her Masters degree which focused on comprehensive treatment and oral rehabilitation. She did numerous courses in esthetic, restorative dentistry and prosthodontics. In 2016 She joined the Department of Restorative Dental Sciences as an operative dentistry intern under the mentoring of Dr. Saulo Geraldeli, Patricia Pereira and Alex Delgado.



Dr. Delgado gives CE course for the 2016 Dental Fall Weekend



Dr. Alex J. Delgado presented the CE course for the Dental Fall Weekend on October 15 entitled *Predictable Results of Conservative Approaches in the Esthetic Zone*. The lecture addressed basic fundamentals for obtaining excellence in the use of composites and conservative porcelain options. The lecture covered main optical properties, shade selection and color matching. The stratification technique for anterior teeth based in the counter opalescence, translucency and transparency principles was emphasized. The lecture also included information on porcelain bonded veneers and The Carolina Bridge. Many clinical cases were presented revealing alternatives for obtaining predictable results along with key clinical tips.

Drs. Saulo Geraldeli and Jean Francois Roulet did it again



Dr. Saulo Geraldeli and Dr. Jean Francois Roulet again presented the CE course part of the Florida Advanced General Dentistry MasterTrack Course in the area of Operative Dentistry (Level I) from September 30-October 2. This is a 25-month postgraduate course in comprehensive dentistry providing the

general practitioner an organized and structured educational program of dental sciences in a format that offers something for every practitioner. This participation course involves two complete weekends and the first section is devoted to adhesive dentistry's latest developments, esthetic procedures, direct posterior composites, and etiology of tooth wear and treatment options. The second seminar will include cast restorations, indirect composites and porcelain restorations.



"Great lecturers. We are lucky to have Dr. Roulet and Geraldeli here at UF. I love how they help us understand material sciences"

Operative Division Teaching

Dr. Nascimento was invited to the ADA-CSA

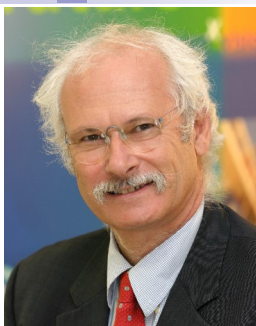
Dr. Marcelle Nascimento along with a panel of experts convened by the American Dental Association (ADA) Council on Scientific Affairs, in collaboration with the American Academy of Pediatric Dentistry, presented an evidence-based systematic review and clinical practice guideline called the “Evidence-based clinical practice guideline on Caries Management.” The goal is to provide clinicians with updated recommendations regarding how to make proper diagnosis and management of carious lesions. The first meeting was held in Chicago in December 7 and 8, 2016.



Faculty Updates

- **Dr. Valeria Gordan** was elected to serve on the Faculty Associate Committee at UFCD and also elected as vice-chair of the information Technology Steering Committee. Dr. Gordan was invited to be a member of the Strategic Plan Oversight Committee at UF. Dr Gordan was appointed as Adjunct Faculty member of Kyushu Dental University, Kitakyushu, Fukuoka, Japan.
- **Dr. Ana P. Ribeiro** served as peer reviewer for 2017 IADR/AADR/CADR General Session in the cariology section.
- **Dr. Marcelle Nascimento** served as the past president for the IADR Cariology Research Group and also served as reviewer for the NICDR Clinical Trials Planning Grants and the Alliance for Cavity Free Future (ACFF) Interprofessional Grants.
- **Dr. Alex Delgado and Deborah Dilbone** recently participated in the Consortium of Operative Dental Educators hosted by the University of Louisville.
- **Dr. Saulo Geraldelli** was recently teaching for the Alaska Native Tribal Health Consortium preparing 8 Dental Therapists. He spent two weeks in Anchorage.
- **Dr. Susan Nimmo and Dr. Ana P. Ribeiro** participated in a workshop with the Smart Sparrow about *How to design learning experiences that engage more students.*
- **Dr. Simon Amir** joins the operative division as courtesy faculty

Operative Division Research



Dr. Roulet received two corporate awards

Dr. Jean-Francois Roulet, Director, Center for Dental Biomaterials of the Department of Restorative Dental Sciences received two corporate awards to study the effects of wear in dental biomaterials. Ivoclar provided **\$18,559** for the “*Wear of two basic composites and a glass ionomer posterior restoratives materials*” and Ultradent awarded Dr. Roulet **\$27,450** for the project entitled “*Wear of six commercial composite restorative resins.*”

Dr. Roulet organized 1st International Mini-Symposium on Dental Biomaterials

On November 18th, researchers from 7 universities from Brazil, Germany and the USA met at the Center for Dental Biomaterials of the University of Florida. The goal was to discuss future collaboration among different research facilities. The initiative came from Dr. Wener Geurtsen (Medical University Hannover, Germany) and **Dr. Jean-François Roulet** from the Center for Dental Biomaterials (University of Florida). During the meeting, few participants presented their current projects and the topics discussed were as follow: Objectives of the International Center of Dental Biomaterials, the oral microbiome in health and disease, physical property alterations of dental materials, chemical-biological interactions of resinous biomaterials and pathways for the investigation of long-term chronical effects due to low concentrations of released substances and primary oral human stem cells. During the meeting, some discussion was sparked and was decided to start with bilateral collaboration which may expand into an international network. Several operative faculty had the chance to attend and participate in the symposium.



The National DPBR Network organized a student workshop



On December 7, **Drs. Valeria Gordan, Deborah Dilbone, Alex Delgado, Dr. Shannon Wallet, Dr. Joseph Riley, Ms. Deborah McEdwards** organized a student workshop entitled *"Diabetes and Blood Sugar Screening: An Integration of Medicine and Dentistry"*. The workshop included presentations about the role of the [National Dental Network](#), an overview of diabetes and medical/dental interactions, results of a former Network study on blood sugar screening in dental offices, self-administration of blood sugar screening, and roundtable discussions. The workshop was well received by the participating students who received 2



hours of continuing education. The event was supported by the National Dental Network, NIDCR grants DE-16746, DE-16747, and DE-22516.

Published Research (Sep-Dec 2016)

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Operative Division Service

Dr. Susan Nimmo served as judge for scientific fair



On December 7, Dr. Susan Nimmo was invited to be a judge for the Fort Clark Middle School Science Fair.

Hundreds of students were involved and probably a future dentist.

Many operative faculty joined the AAWD dinner



On December 9, Many of our operative females faculty attended to the AAWD initiation dinner. The dinner

marks the beginning for many of the new members and more importantly, it is a great opportunity to mentor our females students.

A Word from Dr. Delgado

Happy new year! I wish you a successful and healthy 2017. I feel extremely happy with the announcement of the ADA, recognizing *Operative Dentistry* as first interest area in general dentistry. This is our first step to get the accreditation for operative dentistry as a specialty. This will benefit all the universities that offer advanced training in operative dentistry, all the entities that recognize the specialty, such as the NAVY and for those who already have advanced training in operative dentistry. Also, it will give credibility, expand research, and attract futures academicians. Operative Dentistry is a body of knowledge and it is the foundation of the dental training, starting with dental anatomy and cariology. It also focus on preventive, comprehensive restorative dentistry and dental biomaterials. We are moving forward!

Alex J. Delgado

Providing CARE to our patients

Many of the Operative faculty members are devoted to providing comprehensive care to patients in Faculty Practice in the area of prevention, diagnosis, restorative and esthetic dentistry.



Dr. Alex J. Delgado
Dr. Saulo Geraldelli
Dr. Valeria Gordan
Dr. Susan Nimmo
Dr. Patricia Pereira
Dr. Jean Francois Roulet
Dr. Ana P. Ribeiro

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