CONTINUING DENTAL EDUCATION UNITS
You will earn 3 CEUs for participating in this program in the morning session CE lecture, and an additional 3 CEUs for participating in the afternoon Research Day event. IUSD is an ADA CERP and an AGD Accepted Fellowship/Mastership National Sponsor.

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CENTER FOR IMPLANT, ESTHETIC AND INNOVATIVE DENTISTRY

TO REGISTER
http://go.iu.edu/ISBO
(case sensitive: number “1”, Capital “S”; Capital “B”, Capital “O”)
Questions? Contact the CE office at dsce@iupui.edu or 317-278-9000
Cover image created by Nicole Alderson, MFA

Presenters:
Yusuke Hamada, DDS, MSD., Michele Kirkup, DDS, Dean Morton, BDS, MS, FACP, FDSRCS(Ed), Kamolphob Phasuk, DDS, MS, FACP, Waldemar Daudt Polido, DDS, MS, PhD

Co-Sponsored by IN-AADR
ENHANCING CONTEMPORARY TREATMENT OUTCOMES THROUGH EVOLUTION IN EVIDENCE-BASED PLANNING, CLINICAL TECHNIQUES AND MATERIALS

Monday, April 9, 2018

3-6 CE hours available

Contemporary procedures utilizing digital workflow options are fast becoming a cornerstone of modern practice. Treatment is evolving and patients present with multiple concerns capable of increasing the likelihood of a negative experience. This program, presented by faculty from the Indiana University School of Dentistry’s Center for Implant, Esthetic and Innovative Dentistry, will concentrate on an interdisciplinary approach to treatment planning, along with execution methodologies designed to minimize risk with emphasis on more predictable outcomes.

Upon completion of this course, the participant will be able to:

- Identify contemporary diagnostic and treatment options, and relate these to improving treatment outcomes and minimizing risk
- Identify contemporary materials and fabrication combinations for individual and multiple restorations
- Optimize implant position and environment through improved biologic understanding of the residual ridge and relationship to dental implants
- Describe contemporary restorative procedures, inclusive of digital data acquisition (impressions and scanning) and software-based restoration design and fabrication
- Discuss how removable and fixed prosthodontics are evolving in an increasingly digital world, with consideration of existing evidence
- Consider how digital data acquisition and utilization, inclusive of merged datasets, can change surgical and restorative approach to dental and craniofacial patient care

The afternoon will feature keynote speaker Dr. Raul Garcia from Boston University, presenting “Science and Dental Practice,” a vendor fair and presentations from IUSD students highlighting recent scientific discoveries.

LOCATION
IUPUI Campus Center, 420 University Blvd, Indianapolis, IN 46202. Parking will be available at the attached Vermont Street Garage.

TUITION
Tuition for the morning session is $100 and includes breakfast and lunch. Stay for the entire day for only $150.

TO REGISTER
http://go.iu.edu/1SBO

AGENDA - LECTURE
8:30AM Registration and Continental Breakfast
9:00 Introduction and Brief Synopsis: Dr. Dean Morton
9:05 Minimally Traumatic Tooth Extraction and Options for Residual Ridge Preservation: Dr. Yusuke Hamada, Clinical Assistant Professor Department of Periodontics and Allied Dental Program
This discussion will focus on biologic alterations that take place subsequent to tooth removal and emphasize the influence of bone quality and quantity on restoration-driven implant positioning. Options to be considered include of minimally-traumatic extraction and grafting.
9:30 State of the Science Regarding Digital Data Acquisition and Utilization: Dr. Michele Kirkup, Clinical Assistant Professor, Department of Prosthodontics
Digital impressions and CAD/CAM systems can offer numerous benefits when compared to traditional impressions and restoration fabrication techniques. Emphasis will be placed on the performance of everyday, practical dentistry effectively using in office and in laboratory digital impressions (scanning) and CAD/CAM fabrication options with a focus on accuracy and reproducibility.
10:00 How Digital Technology and Workflow Alternatives are Changing the Practice of Removable Prosthodontics: Dr. Komolphob Phasuk, Clinical Assistant Professor and Director of Pre-Doctoral Implant Prosthodontics, Department of Prosthodontics
From diagnosis, data acquisition and planning to treatment execution, many aspects of care can be improved and simplified with contemporary treatment options. Benefits for the clinician and the patient can include esthetics, durability and simplicity. The evidence supporting digital options and removable prosthodontics will be considered.
10:30 Break / Commercial Exhibition opens
10:40 A Surgical Perspective with Regard to Incorporating Digital Workflow Options: Dr. Waldemar Dautd Polido, Clinical Professor and Director of the Pre-Doctoral Oral and Maxillofacial Surgery Program
Consider interdisciplinary management of patients with more complex treatment needs, and utilization of a broader spectrum of software options in management of patients with dental and craniofacial needs. The program will focus on maximizing effective utilization of data, from DICOM to STL, in order to enhance treatment outcomes for patients.
11:10 Bringing the “Team Approach” to Planning, Assessment and Treatment: Dr. Dean Morton, Association Professor and Chair, Department of Prosthodontics and Assistant Dean for Strategic Partnerships and Innovation, Director of the Center for Implant, Esthetic and Innovative Dentistry
Discussion will include objective categorization of treatment difficulty, and a focus on factors relevant to contemporary practice and risk to the esthetic and functional treatment outcome. Choice of implant, abutment and restorative materials will be considered with reference to CAD-CAM options. The state of the science will be considered with direct reference to clinical recommendations for treatment utilizing contemporary planning and treatment options.
11:00 Discussion centered on possible complications when incorporating contemporary workflow alternatives.
NOON Conclusion / Commercial Exhibition

AGENDA - RESEARCH DAY
1:00PM RESEARCH DAY Welcome Remarks: Dr. John N. Williams, Dean, IU School of Dentistry
1:05 Opening Remarks: Dr. Simon Atkinson, IUPUI Vice Chancellor for Research, IUPUI School of Science
1:15 Introduction of Keynote Speaker: Dr. Tien-Min Gabriel Chu, Associate Dean for Research, IU School of Dentistry
1:20 Keynote Address: “Science and Dental Practice,” Prof. Raul Garcia Professor and Chair, Boston University School of Dental Medicine
1:50 IU School of Dentistry Research Update: Dr. Tien-Min Gabriel Chu, Associate Dean for Research, IU School of Dentistry
2:00 Announcement of Faculty Awards: Dr. John N. Williams, Dean, IU School of Dentistry
2:10 Announcement of Poster Awards: Dr. Frank Lippert, President, Indiana Section, AADR
3:00 Research Presentations
4:30 Removal of Posters & Commercial Exhibition opens