COLLEGE OF DENTISTRY AND DENTAL CLINICS
CONTINUING DENTAL EDUCATION
OPTIMIZING MULTIDISCIPLINARY TOOTH REPLACEMENT THERAPY BY LEVERAGING ON DIGITAL TECHNOLOGIES

Presented by: Dr. Gustavo Avila-Ortiz and Dr. Christopher Barwacz

FRIDAY, NOVEMBER 22, 2019
Please register before November 8, 2019

College of Dentistry, Galagans B/C Auditorium | 6.5 hours relicensure credit/Lecture Course
THE PROGRAM AND OBJECTIVES

This full-day didactic course will provide an overview on multidisciplinary analogic and digital workflows related to tooth replacement via implant therapy. Clinical guidelines pertaining to proper case selection and timing of treatment, including surgical and restorative considerations, such as adequate management of the extraction site, implant placement modalities, sequential steps for provisionalization to optimize the peri-implant mucosa, and patient-specific abutment design rationale will be reviewed.

At the completion of this presentation, the participants should be able to:

- Identify the importance of effective communication between members of the multidisciplinary team to optimize care and to minimize complications;
- Understand and explain the fundamental concepts for adequate management of the extraction site;
- Understand and incorporate the basic principles of digital guided implant surgery;
- State the rationale for selection of CAD/CAM custom abutments; and
- Be familiar with full digital protocols for immediate single tooth replacement in posterior segments and apply these in one’s practice.

PROGRAM FACULTY

Gustavo Avila-Ortiz, DDS, MS, PhD, is a professor with tenure in the Department of Periodontics at the University of Iowa College of Dentistry and Dental Clinics. He completed his DDS and PhD training programs in his hometown at the University of Granada, Spain, before moving to Ann Arbor, Michigan where he attained a MS degree and a Certificate in Periodontics. Dr. Avila-Ortiz currently serves as department chair (DEO). He is the former director of both the Advanced Education Program and the Visiting Scholar Program in Periodontics. He is a Diplomate of the American Board of Periodontology since 2009 and currently maintains a faculty practice limited to Periodontics and Oral Implantology. Dr. Avila-Ortiz’s research spans a number of clinical topics, including the understanding of the influence of local and systemic individual patient factors on healing dynamics following periodontal and implant therapy, as well as bone and soft tissue grafting, particularly in relation to therapeutic strategies for management of the extraction site and implant site development. Dr. Avila-Ortiz has received grant/research support from Geistlich Pharma, DENTSPLY Implants, BioHorizons and Osteogenics Biomedical.

Christopher Barwacz, DDS, FAGD, FICD, is an Associate Professor with dual appointments in the Department of Family Dentistry and the Craniofacial Clinical Research Program (CCRP) at The University of Iowa College of Dentistry and Dental Clinics. Dr. Barwacz received his DDS degree from The University of Iowa College of Dentistry and Dental Clinics. He obtained his AEGD Certificate from Baylor College of Dentistry, Texas A&M Health Science Center, and subsequently completed an Implant Fellowship at The University of Iowa College of Dentistry and Dental Clinics. Dr. Barwacz currently serves as the Implant Program Director in the Department of Family Dentistry. He is a Fellow in The Academy of General Dentistry, a Fellow in the International College of Dentists, serves on the Academy of Osseointegration’s Fellowship and Certificate Steering Committee, and is a member of the International Association for Dental Research, the Academy of General Dentistry, the American Dental Association, and Omicron Kappa Upsilon (OKU). Dr. Barwacz has clinical translational research funding in oral implantology, specifically related to transmucosal factors that optimize implant prosthetic and mucosal outcomes. He maintains an interdisciplinary faculty intramural practice limited to restorative and implant dentistry at The University of Iowa College of Dentistry and Dental Clinics. Dr. Barwacz has received grant/research support from Dentsply Sirona Implants, BioHorizons, Carl Zeiss Meditec and National Institutes of Health (NIH).
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<th>Time</th>
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<tbody>
<tr>
<td>8:45 AM</td>
<td>Registration, College of Dentistry, First Floor</td>
<td>12:15-1:00 PM</td>
<td>Lunch</td>
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<tr>
<td>9:15 AM</td>
<td>Welcome and Opening Remarks</td>
<td>1:00-2:15 PM</td>
<td>Analogic vs. Digital Implant Placement Planning and Restorative Protocols</td>
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<tr>
<td>9:20-10:45 AM</td>
<td>Principles of Case Selection and Interdisciplinary Communication</td>
<td>2:15-2:30 PM</td>
<td>Break</td>
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<tr>
<td>10:45-11:00 AM</td>
<td>Break</td>
<td>2:30-4:30 PM</td>
<td>Clinical Examples</td>
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<td>11:00 AM-12:15 PM</td>
<td>Management of the Extraction Site and Implant Site Development</td>
<td>4:30 PM</td>
<td>Adjourn</td>
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**DIGITAL TECHNOLOGIES | NOVEMBER 22, 2019**

**19-326-01/5-42521-09**

*(please prepare a separate registration form for each registration)*

Dr., Mr., Ms. (please circle) ____________________________________________________________________________

Name (please print or type) ____________________________________________________________________________

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*DA/DH/CDT: indicate employer’s name if using business address*

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Email required for CEU verification

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☐ Do not enroll if football tickets are not available

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SECURITY CODE

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Please return this form, with your check, to The Center for Conferences, The University of Iowa, 250 Continuing Education Facility, Iowa City, Iowa 52242-0907 or fax to (319) 335-4039.
The College of Dentistry and the Center for Conferences will make every reasonable effort to assure that requested continuing education programs are provided, but assumes no liability for failure to deliver beyond the refunding of any fees paid to The University of Iowa. The University of Iowa reserves the right to limit registration to the size of the available classroom or clinical space. Sponsorship of this course does not imply subject matter, product or technical endorsement. This material is offered to the profession for educational and informational purposes in a spirit of academic freedom.

PRE-REGISTRATION: Pre-registration is recommended at least two weeks before course date – November 8, 2019.

REGISTRATION OPTIONS: Registrations will not be accepted without payment. You may register using any of the following methods:

- **Online registration**: at centerforconferences.uiowa.edu/conferences and then click on Dental Conferences
- **Mail** your registration form and check or credit card information to the address indicated
- **Phone** your credit card information to Center for Conferences: 1-800-551-9029 (local: 335-4141)
- **FAX** your credit card information to Center for Conferences: 1-319-335-4039

CANCELLATIONS/REFUNDS: Fees paid will be refunded less a $55 per person processing fee following notice of cancellation. Refunds will not be granted for cancellations received after the course begins. For registrations charged to your credit card, the refund will be credited to your account. If insufficient enrollment necessitates canceling a course, all fees will be refunded.

CONTINUING EDUCATION CREDIT/RECORD KEEPING:
CEU verification will be provided (by email following the program) only for those individuals completing/submitting a CEU card at the completion of the program. Credit will be appropriately adjusted for those individuals who do not attend the entire program. All attendees are encouraged to submit a CEU card which will ensure that a letter documenting attendance will be sent following the program. The University of Iowa College of Dentistry designates this activity for 6.5 hours continuing education credit (0.65 CEU).

FOOTBALL TICKETS: Full day course registrants will receive first priority on football ticket purchases. After that, tickets will be available on a first come, first served basis.

Tickets for Iowa vs. Illinois on 11/23/19 are available at $65 each plus a $1 per ticket handling fee (limit 2 tickets per registration). Ticket requests will be filled until supply is exhausted. To order tickets, you must register and prepay for the continuing education program. Tickets MUST be picked up at the course registration desk before course adjournment. Tickets will not be mailed. Payment for tickets cannot be refunded except when ticket supply is exhausted during the pre-registration period. Tickets cannot be transferred with a registration to another course.

HOUSING: A limited number of rooms have been reserved at the:

- **Heartland Inn**
  87 Second Street, Coralville, IA 52241;
  Phone 1-319-351-8132
- **Use the Code:** UIDentAlumni (College of Dentistry);
  release date 11/8/19.

Please indicate that you are attending the College of Dentistry’s continuing education program and designate the appropriate code when making your reservations. The rooms will be held until supply is exhausted or release dates as previously stated. It is the responsibility of registrants to reserve their own lodging.

PARKING: Parking is included with the course registration. All registrants must be pre-registered to gain entrance to the Dental visitor’s parking lot. Bring your course confirmation letter with you to ensure admittance to the lot. Otherwise, you may be directed to a remote lot.

COMFORT ZONE: Although every effort is made to have a comfortable temperature in the meeting room, we realize everyone’s comfort zone is different. Please bring a jacket or sweater in case the room is too cool for your comfort.

THANK YOU FOR PARTICIPATING in our continuing dental education courses. We appreciate your support and interest in our dental programs. Your patronage allows us to provide the highest quality and most current education in dentistry. If you have any suggestions for the Office of Continuing Education or would like further information about our programs, please visit us online at www.dentistry.uiowa.edu/ce or contact:

Ms. Amanda Shoemaker, Director
Continuing Dental Education | The University of Iowa
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**WE LOOK FORWARD TO SEEING YOU AT OUR FALL PROGRAMS!**