Continuing Dental Education

COMMITTED TO DENTAL EXCELLENCE

UF Continuum in Implant Dentistry
Interdisciplinary Treatment Planning for Implant Patients

COURSE DESCRIPTION:
Each participant will become familiar with the history and development of osseointegrated dental implants. Emphasis will be placed on the evolution of design and treatment protocols for straightforward patients utilizing dental implants. In addition, the weekend will provide a detailed review of the biologic and biomechanical basis of osseointegration, highlighting the interface between the implant surface and bone.

A detailed discussion will center on pre-treatment diagnosis and identification of factors relevant to the selection and planning of dental implant patients. Each participant will become familiar with criteria (SAC Classification) for patient selection and factors that contraindicate care. Specific attention will be given to the categorization of patients according to the difficulty of treatment. State of the art planning software utilizing cone-beam imaging technology will be introduced to enhance treatment efficacy and patient communication. The interrelationship between the members of the treatment team will be detailed and related to maximizing clinical outcomes while maintaining practice efficiency.

COURSE OBJECTIVES:
Each participant will be able to:
• Review and become familiar with regional and applied anatomy and physiology as each relates to the placement and restoration of dental implants
• Describe in detail the interface between bone and currently used dental implants. Emphasis will be placed on the interaction between the surface morphology, implant component design and the bone response. The response of the bone (healing) in the region closest to the implant will be considered in detail
• Describe the biologic reactions of tissues (hard and soft) to surgery and stress; and other tissue conditions encountered during treatment with dental implants. Emphasis will be placed on the reaction of bone to heat and the normal process of healing in bone and soft connective tissue, with special consideration of healing factors capable of interfering with this process
• Describe the implications of macroscopic implant design on the reaction of bone to implants. Emphasis will be placed on the position of ‘gaps’ and ‘restorative margins’, in addition to overall screw and thread design
• Relate the importance of ‘contact area’ and ‘bone-implant contact’ to clinical success - with reference to the relationship between these requirements and surface morphology
• Be capable of describing in detail the biomechanical influences on the state of osseointegration and its maintenance - with particular reference to micro-motion and function
• Become familiar with the ‘team’ concept of dental implant therapy, with particular reference to the comprehensive treatment planning of patients
• Develop a diagnostic acumen compatible with maximizing complete and effective treatment planning for implant patients. Emphasis will be placed on the development of design and treatment protocols associated with implants of this type
• Be capable of describing and recognizing general health indications and contra-indications to dental implant related treatment. The manifestations of related systemic diseases (e.g. diabetes and osteoporosis) will be considered in detail
• Describe and recognize dental surgical indications and contraindications to dental implant therapy. Detailed consideration will be given to both the completely and partially edentulous patients
• Describe and recognize restorative indications and contraindications to dental implant therapy as part of an integrated treatment planning process. Detailed consideration will be given to both the completely and partially edentulous patients
• Describing and performing extra and intra-oral examinations and associated information collection procedures as they relate directly to dental implant patients
• Be capable of describing and authorizing various radiographic procedures available to implant patients with particular emphasis on accuracy and advantages. There will be specific discussion of indications and contraindications
• Be introduced to a hands-on course component concentrating on the treatment planning factors associated with dental implants. This hands-on course will continue through the surgical and prosthodontic weekends of the course
• Learn the laboratory techniques used to fabricate radiographic and surgical guides. Emphasis will be placed on transferring information from the patient, to the diagnostic articulation, and back to the patients. These guides will be utilized during the surgical hands-on course component

WEEKEND 1
January 20-22, 2012
Gainesville
Friday/Saturday
8am - 4pm
Sunday
8am-noon
18 CEU – Participation
The Placement of Dental Implants

COURSE DESCRIPTION:
This weekend is intended to provide detailed information relevant to the surgical placement of dental implants. Each participant will become familiar with patient assessment and preparation from the surgical perspective. Surgical technique (asepsis and sterility) will be discussed with particular reference to dental implant patients. Surgical instrumentation and techniques will be covered in detail for the placement and post-surgical maintenance of dental implants, along with pharmacological requirements. This discussion will include flap design and preparation, suturing techniques, control of bleeding and the actual process of implant placement. Potential complications associated with dental implant placement will be discussed in detail. Preservation of soft tissue integrity and the blood supply will be considered in detail. The hands-on component will advance the cases initiated in the treatment-planning weekend through implant placement in anatomic models and porcine jaw surgery.

COURSE OBJECTIVES:
- Each participant will be familiarized with the medical assessment of dental implant patients, and possible sources of complication
- The preparation of the surgical suite and the maintenance of correct surgical protocols will be considered. Aseptic technique and instrument handling, in addition to the maintenance of sterility will be covered
- Basic and applied surgical technique will be covered in detail. Consideration will be given to required instrumentation. Detailed flap design and suturing techniques will be covered as directly related to dental implant treatment for completely and partially edentulous patients
- The timing and techniques associated with pre-implant extractions will be discussed in detail for non-esthetic sites
- The step-wise placement of dental implants will be considered in detail. Single and dual stage surgery will be considered for the completely and partially edentate patients
- Each participant will be familiarized with post-surgical patient care and potential surgical complications. Surgical recommendations for prosthodontic therapy in the immediate post-surgical period will be considered. This includes anti-microbial treatment regimens and analgesic alternatives. Additional consideration will be given to time with regard to more definitive interim prostheses and treatment of possible complications

WEEKEND 2
March 30-April 1, 2012
Gainesville
Friday/Saturday
8am - 4pm
Sunday
8am-noon
18 CEU – Participation
The Restoration of Dental Implants

COURSE DESCRIPTION:
Each participant will learn detailed information relevant to the restoration and restorative maintenance associated with the utilizing of dental implants for the restoration of straightforward and minimally advanced patients. Prosthodontic alternatives considered will include implant-supported and/or retained overdentures, fixed partial dentures in the posterior maxilla and mandible and single tooth replacements in the posterior maxilla and mandible. Detailed information on planning restorative options and choosing components for implant patients will be provided. Practical sessions will further familiarize participants with implant components and restorative techniques.

COURSE OBJECTIVES:
• Each participant will be familiarized with patient classification and treatment planning based on the pattern of edentulism
• Stepwise implant supported restorations will be detailed in relation to complete and partial edentulism (fixed and removable) in both esthetic and non-esthetic regions of the mouth
• Participants will learn how to communicate with the surgical and laboratory team members by way of guides (surgical), casts, the written word and photographs
• Each participant will learn the indications for, and clinical and laboratory techniques associated with cemented and screw retained restorations in posterior sites
• The interaction between the restorative dentist and the laboratory technician will be considered in detail. Information on modern porcelain and metal alloy alternatives will be discussed, in relation to the benefits and drawbacks of machined and custom fabricated components. Appropriate time will be devoted to the limitations placed upon the technician by both the clinician and the components
• Implant related occlusion and occlusal philosophies will be discussed in detail as they related to the restorative alternatives for edentulous and partially edentulous patients

WEEKEND 3
June 8-10, 2012
Gainesville
Friday/Saturday
8am - 4pm
Sunday
8am-noon
18 CEU – Participation

www.dental.ufl.edu/CE/  Dates and locations subject to change.
Treatment Review and Case Planning

Each participant will present 2 to 3 cases that have been treated since the course began or that will be treated in the near future. Detailed information on surgical planning, restorative options and choosing components for implant patients will be provided. Participants will utilize diagnostic casts, photographs and radiographs in their presentations.

Continuing Education at UFCD wishes to express its appreciation to Straumann and Exactech, Inc. for an unrestricted grant, which helped, in part, to make this course possible.

REGISTRATION

Number of CEU: 72 total (18 per weekend for four weekends)
Participant fee: $6,500 (Includes lunch Fri/Sat and breakfast all days)
Terms: * $3,000 non-refundable deposit; $3,500 balance in full due by December 11, 2011
Course #: 130008
Date: January 20 - September 16, 2012
Location: Gainesville
AGD#: 690

Refunds: Full refunds will be mailed to registrants who cancel their registration no later than three months before the course starting date. Cancellations by telephone are acceptable; however, a written request must be received by our office before a refund may be processed. Refunds, less non-refundable deposit, will be processed for registrants who cancel less than three months before the course starting date. Refunds cannot be given for cancellations on or after the course starting date.

Continuing Dental Education reserves the right to modify or cancel a course when circumstances warrant, including insufficient enrollment. Dates, course content, fees, or faculty will be changed only when unavoidable. If a course is already full when registrations are received, or if the course has been canceled, applicants will be notified and a full refund will be processed. Continuing Dental Education cannot be responsible for non-refundable airfare or other expenses in the event of a course cancellation. The University of Florida encourages participation in its continuing education programs by qualified persons of both sexes from all cultural, racial, religious and ethnic groups.
Faculty

**WILL MARTIN, DMD, MS**, is a Clinical Associate Professor in the departments of Oral and Maxillofacial Surgery and Prosthodontics at the University of Florida’s College of Dentistry. He received his DMD with honors from the University of Florida and completed his MS and Certificate in Prosthodontics from Baylor College of Dentistry. Dr. Martin joined the faculty at the University of Florida in 1999 and serves as the Clinical Director of the Center for Implant Dentistry. Dr. Martin is a diplomate of the American Board of Prosthodontics. He is a fellow of the American College of Prosthodontists, International College of Dentists, International Team for Implantology (ITI) and member of numerous professional organizations including the Academy of Osseointegration, ADA and FDA. Dr. Martin’s research interests include implant design, loading protocols, and implant biomechanics. He maintains a part-time practice limited to Prosthodontics within the Center for Implant Dentistry. He lectures both nationally and internationally on esthetic and implant dentistry.

**JAMES D. RUSKIN, DMD, MD, FACS** is a Professor in the Department of Oral and Maxillofacial Surgery and Diagnostic Sciences at the University of Florida College of Dentistry. Dr. Ruskin received his DMD from the University of Florida in 1981, his MD from the University of Nebraska in 1985 and his certificate in Oral and Maxillofacial Surgery in 1987. He is a Fellow of the American College of Surgeons, the International College of Dentists, the American College of Dentists and a Diplomate of the American Board of Oral and Maxillofacial Surgery. Dr. Ruskin serves as a member of the International Team for Implantology Education Core Group and the Forum Implantologicum Editorial Board.
2 Ways to Register!

**By Mail**
Complete only if paying by check. For security, credit card payments are only accepted online.

**Online**
www.dental.ufl.edu/Offices/CE/courses/130008.php
Tip: to register more than one person for the CE course, click on “Clone” button.

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• A separate check and registration form is required for each course.
• Money order payable to the UNIVERSITY OF FLORIDA and mail with form to UF Continuing Dental Education, P.O. Box 100417, Gainesville, FL 32610-0417. *Indicate name of dentist if using office address.*
• If you have a disability or special needs, please contact the Continuing Education Office at least 72 hours in advance.

**Contact Us:** For additional information, contact Michelle Hopkins toll-free at 888-550-4590 or mhopkins@dental.ufl.edu.