



# Education Program 2010





## KNOWLEDGE IS THE ESSENCE OF EVOLUTION

The act of teaching and learning has continued for millions of years; layers of ancient knowledge and new discoveries have ultimately added up to the world we currently live in. But what if we suddenly stopped learning?

Advances in technology and a constant growth in knowledge has helped shape our history and will continue to define our future. Lifelong education is a commitment to being professional, keeping up-to-date and continuously seeking to improve our knowledge and skills.

As your partner in implant therapy, we offer a variety of programs designed to meet your educational needs.

# A world of inspiration

Inspired by continuous learning, Astra Tech offers a wide selection of courses in more than five hundred locations around the world. Thanks to our long-term collaboration with clinical centers and universities worldwide, all our courses reflect the most recent scientific information and technology. Irrespective of your previous implant experiences and skills, we are confident that you will find courses in this catalog and on our website that will match your individual interests and needs.

## Course levels



### Basic courses

For all members of the dental team who have an interest in gaining knowledge on dental implants for patient management, replacement of single posterior missing teeth, and implant overdenture therapy with individual attachments.



### Intermediate courses

For all members of the dental team who have basic clinical experience with patient management, surgical placement or the restoration of dental implants.



### Advanced courses

For all members of the dental team who have participated in basic and intermediate courses and gained enough clinical knowledge and experience to learn about more advanced treatment protocols.

## Course categories

- IMPLANT SURGERY
- IMPLANT PROSTHETICS
- IMPLANT SURGERY & PROSTHETICS
- COMPUTER GUIDED IMPLANT TREATMENT
- LABORATORY TECHNIQUES
- PRACTICE BUILDING
- SEMINAR/SYMPOSIUM

## Course updates

The local and international education programs collectively offer a wide and deep selection of courses.

For the most up-to-date course listings and information, please visit our website at [www.astratechdental.com](http://www.astratechdental.com) and click for our education program.

## Course registration

Specific course registration instructions are located on each course page. It is also possible to register with us online ([www.astratechdental.com](http://www.astratechdental.com)) or fill in and fax the registration form available at the end of this catalog.

Are you new to Astra Tech? Learn all about the Astra Tech BioManagement Complex™ and the freedom of unlimited possibilities with products such as Atlantis™ at [www.astratechdental.com](http://www.astratechdental.com)



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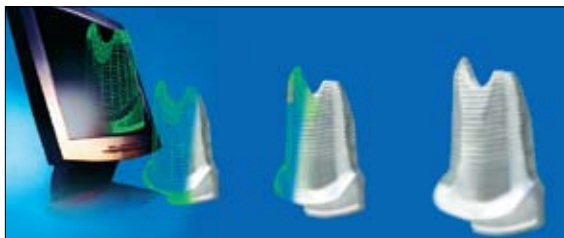
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# Utilizing Technology to Achieve Optimal Esthetic Results



This course will cover a range of topics that will enable participants to utilize technology to achieve optimal esthetic results. Topics will include: the advantages of patient specific abutments and treatment planning, as well as basic implant biology, biomechanics and concepts of occlusion. A strong emphasis will be placed on understanding the advantages of dental implant systems and the restorative options available.

Particular attention will be paid to Atlantis™ patient-specific abutments and their significant advantages over stock, custom cast and milled abutments when restoring implants. By customizing the abutment in every dimension, even the most challenging restorations can be completed simply and efficiently with a high degree of success.

## When and where?

**June 5, 2010**

Nova Southeastern University  
Ft. Lauderdale, Florida

## Faculty

**Matthew Hopfensperger, DDS, MS**  
**Ethan Pansick, DDS, MS**

## Registration/information

[www.dental.nova.edu/ce](http://www.dental.nova.edu/ce)

## Course content

At the completion of this course, participants will be able to:

- Have an understanding of why patient-specific designed abutments offer a superior restorative result relative to conventional abutments.
- Recognize the importance of finish line design relative to oral soft tissue health.
- Be familiar with different materials that can be used for these abutments.
- Have an understanding of the advantages offered by different dental implant systems with focus on treatment planning.
- Familiarize themselves with the basic concepts of dental implant occlusion.
- Recognize the fundamental concepts of case selection and implant treatment planning.



**Duration:** 1 day  
**Course fee:** \$65 USD for Delta Dental and United Health Care providers  
\$180 USD for all others  
**CE Credit:** 6 hours ADA CERP  
**Code:** AT1013

# Advanced Implant Restoration



A variety of clinical scenarios may present themselves, requiring complex prosthetic restoration. A key to success is careful planning and simplification of therapy based on sound principles. A wide array of restorative options are available today. Selection of the appropriate prosthesis requires consideration of the patient anatomy, quantity and quality of available hard and soft tissues, the need for augmentation surgery, esthetic requirements, occlusal scheme and patient's desires. The objective of this course is to review the fundamentals for prosthetic restoration of implant patients. An evidence-base approach will be used to provide treatment options with a high degree of predictability. Practical solutions to common prosthetic problems will be provided.

## When and where?

June 11-13, 2010

University of Southern California School of Dentistry  
Los Angeles, California

## Faculty

Dominico Cascione, CDT

Fereidoun Daftary, DDS, MSCD

Fernando Rojas-Vizcaya, DDS, MS

Homa Zadeh, DDS, PhD

## Provider

University of Southern California School of Dentistry

## Registration/information

[www.uscdentalce.org](http://www.uscdentalce.org)

## Course content

### Educational objectives

- Prosthetic options for complex cases
- Treatment of fully-edentulous maxilla and mandible
- Treatment of compromised dentition requiring full-arch extraction
- Decision-tree for selection of fixed versus removable restoration
- Immediate and early loading
- Diagnostic tools: CT imaging, surgical guides
- Computer-assisted planning and implant positioning
- Immediate implant placement versus staged implant placement
- Assessment of need and sequencing of implant site development techniques
- Implant impression techniques
- Screw-retained versus cement-retained restorations
- Application of CAD/CAM in abutment and restoration fabrication
- Abutment selection guidelines
- Occlusal considerations and guidelines
- Provisional options and techniques
- Prosthetic complications and their management
- Dental materials used in implant restoration
- Laboratory techniques and procedures

### Hands-on workshop

- Implant impression techniques
- Provisional fabrication for multiple-unit restoration
- Abutment modification

### Live surgery demonstration

- Implant impression techniques
- Provisional fabrication for multiple-unit restoration



<b>Duration:</b>	3 days
<b>Course fee:</b>	\$1795 USD before 5/1 \$1995 USD after 5/1
<b>CE Credit:</b>	20 hours ADA CERP, AGD, CDA
<b>Code:</b>	AT1011

# “Is it just me?” — Esthetics, Provisionals and Temporization Hands-on Course



The goal of this course is to provide an intensive one day laboratory hands-on focused on temporization procedures for single tooth and fixed partial dentures. This course will address color/shade matching and chair-side color modification. It also seeks to provide hands-on techniques in evaluation and modification of provisionals for highly esthetic and functional provisional restorations.

This course will involve simulation laboratory based exercises for the intermediate to advanced clinician. Participants will place two implants and use a Direct Abutment™ on one side and an implant level TempDesign™ on the opposing side. The TempDesign™ would then be opaqued for chair-side exercises in composite provisional build-up using a rubber/vacuum form matrix.

## When and where?

**October 1, 2010**  
University of Iowa, College of Dentistry  
Simulation Clinic  
Iowa City, Iowa

## Faculty

**Clark Stanford, DDS, PhD**  
**Christopher Barwacz, DDS**  
**David Gratton, DDS, MS**  
Faculty and Residents in the post-graduate program in Prosthodontics

## Registration/information

[www.dentistry.uiowa.edu/ce](http://www.dentistry.uiowa.edu/ce)

## Course content

### Educational objectives

- Block-out techniques for intraoral fabrication of provisional.
- Cemented vs. screw-retained provisionals.
- Methods of tissue sculpting and relationship of these techniques to Atlantis™ abutment designs.
- Esthetic evaluation of provisional contours, line angles, surface texture and control of light reflection.
- Esthetic evaluation of color, chair-side staining and color modification techniques.
- Experience with laboratory fabricated provisionals with Radica.
- Implant-level custom impression coping techniques and transfer techniques.

At the completion of the course, participants will be able to:

- Identify and assess the role of contour, shape and texture on control of light reflection in creation of esthetic provisional restorations.
- Understand the role of tissue management techniques on transition zone of abutments and the emergence profile of provisional restorations.
- Recognize the role of abutment selection on esthetic outcomes.
- Understand the techniques to transfer the developed emergence profile to the laboratory.



<b>Duration:</b>	1 Day
<b>Participants:</b>	Max. 30
<b>Course fee:</b>	\$625 USD
<b>CE Credit:</b>	7 hours AGD PACE
<b>Code:</b>	AT1016



# Implant Overdenture Therapy Hands-on Course



Implant overdenture therapy is becoming a commonly accepted method of providing tooth replacement therapy for the edentulous mandible. This simulation hands-on course will provide an in-depth practical course that will discuss treatment planning, indications and contraindications to implant therapy, surgical implant placement and loading protocols followed by clinical and laboratory steps needed to relines and/or the intraoral refitting of existing dentures with overdenture attachments.

## When and where?

**February 13, 2010**  
University of Iowa, College of Dentistry  
Simulation Clinic  
Iowa City, Iowa

## Faculty

**Clark Stanford, DDS, PhD**  
**Christopher Barwacz, DDS**  
**Steve Clark, DDS**  
**Emad Estafanous, DDS, MSD**  
**David Gratton, DDS, MS**  
**Charlie Ringgold, DDS**  
Residents in the post-graduate program in  
Prosthodontics, Periodontics and Oral and  
Maxillofacial Surgery

## Registration/information

[www.dentistry.uiowa.edu/ce](http://www.dentistry.uiowa.edu/ce)

## Course content

The emphasis of this course will be on free-standing overdenture attachments, although there will be a discussion and demonstration on the use of implant-supported bar-overdentures including implant-retained and implant-supported overdentures in the maxilla as well as use of implants for retention of removable partial dentures. The indications, complications and maintenance issues with each approach will also be discussed.

At the completion of this course, participants will be able to:

- Recognize the medical, dental and anatomic issues that must be addressed in treatment planning of mandibular and maxilla implant overdenture therapy.
- Understand the impact of implant placement on the selection, duration of healing, restoration and durability of implant overdenture attachment systems.
- Identify the clinical and laboratory steps involved in implant overdenture relines procedures.
- Identify the clinical and laboratory steps involved in retrofitting existing complete dentures to anterior mandibular implants.
- Understand the application of implant attachments for retention of removable partial dentures.



**Duration:** 1 day  
**Participants:** Max. 20  
**Course fee:** \$415 USD  
**CE Credit:** 6 hours AGD PACE  
**Code:** AT1002

# Basic Protocols in Implant Surgery and Restoration



This intense four day course consists of lectures, hands-on model workshops and live surgical and prosthetic demonstrations. This educational experience will provide practical protocols which are beneficial for beginners, as well as experienced clinicians who would like to increase the predictability of their results and update their knowledge.

## When and where?

**February 18-21, 2010**  
University of Southern California School of Dentistry  
Los Angeles, California

## Faculty

**Clark Stanford, DDS, PhD**  
**Homa Zadeh, DDS, PhD**  
**Arnold Rosen, DDS, MBA**

## Provider

University of Southern California School of Dentistry

## Registration/information

[www.uscdentalce.org](http://www.uscdentalce.org)

## Course content

### *Educational objectives:*

Diagnosis and treatment planning

- Treatment planning & case selection:
  - Single-unit tooth replacement
  - Multiple-unit tooth replacement
  - Fully edentulous patients
- Diagnostic tools: radiographic guides, CT scan, cone beam tomography
- Surgical guides: lab fabricated and computer generated surgical guides

Surgical placement of implants

- Surgical considerations and treatment planning
- Hands-on workshop: participants will place implants in models
- Live surgery: participants will observe implant placement in patients
- Preservation & augmentation of hard & soft tissues

Laboratory techniques and procedures

Implant prosthetics

- Implant impression techniques
  - Hands-on workshop
  - Live patient demonstration
- Immediate vs. staged implant placement
- Immediate vs. staged implant loading
- Provisional placement: immediate vs. staged



**Duration:** 4 days  
**Course fee:** \$2695 USD  
**CE Credit:** 30 hours ADA CERP, AGD, CDA  
**Code:** AT1003

# Implant Therapy in the Esthetic Zone



The anterior maxilla is often referred to as the “esthetic zone”. Tooth replacement in the esthetic zone presents unique challenges for the clinician. Yet, achievement of optimal esthetics in this area can be most rewarding. The prerequisites of achieving a successful esthetic outcome in this region include: 1) knowledge of the biology of the implant-prosthesis-tissue interface and their post-treatment alterations; 2) careful preoperative treatment planning; 3) augmentation of hard and soft tissues when deficiencies exist and 4) attention to details in the execution of surgical and prosthetic techniques. This course will review the biological fundamentals, as well as the clinical, surgical and restorative techniques involved.

## When and where?

March 12-14, 2010

University of Southern California School of Dentistry  
Los Angeles, California

## Faculty

Dominico Cascione, CDT  
Lyndon Cooper, DDS, PhD  
Ramin Mahallatti, DDS  
Homa Zadeh, DDS, PhD

## Provider

University of Southern California School of Dentistry

## Registration/information

[www.uscdentalce.org](http://www.uscdentalce.org)

## Course content

### Educational objectives

- Biology of implant-prosthesis-tissue interface
- Factors affecting the stability of the peri-implant tissues
- Treatment planning and case selection:
  - Surgical and prosthetic considerations
- Diagnostic tools: CT imaging, surgical guides
- Computer-assisted implant positioning
- Influence of implant component design on esthetic outcome
- Selection and sequencing of implant site-development techniques
- Orthodontic therapy for site development
- Soft tissue augmentation around implants
- Papilla preservation and regeneration around implants
- Minimally invasive tooth extraction
- Ridge preservation and augmentation
- Immediate implant vs. staged implant placement
- Immediate vs. delayed implant loading
- Implant impression techniques
- Abutment selection
- Provisional placement: immediate vs. staged
- Laboratory techniques and procedures

### Hands-on workshop

- Minimally invasive tooth extraction
- Socket preservation techniques
- Implant placement into extraction socket
- Impression techniques
- Abutment modification
- Provisional fabrication

### Live surgery demonstration

- Minimally invasive tooth extraction
- Implant placement into extraction socket
- Abutment modification
- Provisional fabrication



**Duration:** 3 days  
**Course fee:** \$1995 USD  
**CE Credit:** 20 hours ADA CERP, AGD, CDA  
**Code:** AT1006

# Surgical Review of Implant Dentistry



This course has been designed by a leading Prosthodontist and Periodontist to provide an update and refresher for previously trained specialists on prosthetically driven implant planning, placement and basic bone grafting procedures.

The specific surgical techniques, as well as the physiologic and anatomic principles required for placing implants and basic bone grafts is taught by lectures, hands-on model exercises, and surgical demonstrations. Course size is limited to 12 participants to provide for individualized instruction and discussion.

Participants will receive DVDs of live surgeries and a manual of procedure protocols with supporting scientific literature. Special emphasis is placed on prosthodontic diagnosis and treatment planning as the principle guide for the surgical treatment plan to obtain stable, long-term esthetics and function. Participants are encouraged to bring cases for discussion and questions.

## When and where?

**March 18-20, 2010**  
Brodine Prosthodontic Seminars  
Rochester, New York

## Faculty

**Alan H. Brodine, BS, DMD, FACP**  
**John Moriarty, DDS, MS**

## Registration/information

[www.prosthodonticseminars.com](http://www.prosthodonticseminars.com)

## Course content

### Lectures

- Prosthodontic and surgical treatment planning
- Implant placement in the esthetic zone
- Patient assessment, medical history, prescriptions, anesthesia, risk factors and informed consent
- Dimension of the edentulous space, anatomy and radiographic evaluation
- Surgical guide fabrication/use, implant occlusion and biomechanics
- Immediate placement and immediate provisional protocols
- Bone grafting indications, principles and limitations
- Extraction socket and cortical plate bone grafting protocols
- Incision design, suturing, osseointegration time frames, post-op instruction and follow-up
- Complication prevention/management

### Hands-on

- Implant placement on models
- Cortical plate and extraction socket bone grafting on models
- Soft tissue instrumentation use
- Abutment selection

### Surgical demonstrations (pre-recorded)

- Implant placement in the esthetic zone
- Single tooth implant placement
- One-stage and two-stage surgery
- Cortical plate bone graft or horizontal ridge augmentation

\* This course can also be taken online live or viewed online as a recording.



**Duration:** 2.5 days  
**Participants:** Min. 6, max. 12  
**Course fee:** \$3380 USD  
**CE Credit:** 22 hours AGD PACE  
**Code:** AT1021

# Implant Therapy in Compromised Sites



The success of dental implants depends on their placement in bone of adequate density and volume in order to achieve primary stability. However, usually there is at least some degree of atrophy in most implant sites due to post-extraction remodeling or because of pathologic conditions. There has been a gradual shift in paradigm from merely achieving successful osseointegration to achieving final restorative outcomes that mimic natural dentition and the surrounding oral tissues. These objectives have been materialized by advancements in surgical techniques, as well as availability of biomaterials to enable predictable regeneration of oral hard and soft tissues.

This course consists of two modules. The first module (D1) consists of two and half days of lecture, hands-on model workshop and live surgery. The second module (D2) is a half-day cadaver workshop.

## When and where?

**April 9-11, 2010**

University of Southern California School of Dentistry  
Los Angeles, California

## Faculty

**Tomaso Vercellotti, MD, DDS**  
**Steve Wallace, DDS**  
**Homa Zadeh, DDS, PhD**

## Provider

University of Southern California School of Dentistry

## Registration/information

[www.uscdentalce.org](http://www.uscdentalce.org)

## Course content

### Educational objectives

- Reconstruction of prosthetically and anatomically compromised patients
- Selection and sequencing of implant site development techniques
- Sinus augmentation rationale and techniques
- Horizontal and vertical ridge augmentation
- Distraction osteogenesis
- Ridge splitting and expansion
- Mandibular block auto-grafting
- Onlay block grafts: rationale and techniques
- Bone morphogenic protein (rhBMP-2) and PDGF applications
- Diagnostic tools: CT and cone beam imaging, interactive imaging and scan prosthesis
- Computer-assisted implant positioning
- Socket preservation and augmentation
- Immediate vs. delayed implant loading

### Hands-on workshop (D1 - April 9 - 11, 2010)

- Lateral window and crestal osteotomy sinus augmentation
- Piezosurgery techniques
- Guided bone regeneration
- Bone morphogenic protein (rhBMP-2) techniques

### Hands-on cadaver workshop (D2 - April 11, 2010)

- Lateral window and crestal osteotomy sinus augmentation
- Donor graft harvesting from ramus and symphysis
- Flap and tunnel access design
- Soft tissue augmentation around implants
- Piezosurgery techniques

### Live surgery demonstration

- Lateral window and crestal osteotomy sinus augmentation & implant placement



**Duration:** 3 days  
**Course fee:** D1- \$1995 USD  
 D2- \$1395 USD  
**CE Credit:** 20 ADA CERP, AGD, CDA  
**Code:** AT1008

# Dental Implants: Comprehensive and Advanced Treatment Planning



Dental implants have been available for patient treatment for well over 30 years, yet today most dental practices in the United States restore less than ten implants a year. There are many reasons for this, including patient awareness and acceptance, fear of surgery, multiple office visits, and the lack of confidence of the treating doctor and staff to deliver successful treatment.

At the same time, advances in implant procedures and materials have made implants more widely available and patients' desire for an implant solution is at an all time high. Of course, expectations for the function and esthetic result of implant treatment have risen with their popularity. Patients want and expect implant restorations that truly look and function like natural teeth.

## When and where?

**April 12-14, 2010**  
The Dawson Academy  
St. Petersburg, Florida

**November 11-13, 2010**  
Mid-Atlantic Center for Advanced Dental Study  
Chesapeake, Virginia

## Faculty

**Robert Faulkner, DDS**  
**Lars Hansson, CDT, FICOI**

## Registration/information

The Dawson Academy  
800-952-2178  
[www.thedawsonacademy.com/dental-implants](http://www.thedawsonacademy.com/dental-implants)

## Course content

This course is designed to allow the practitioner to investigate all potential treatment options prior to initiating a treatment plan and to achieve an exceptional clinical outcome while exceeding patients' expectations. All aspects of establishing a diagnosis and proper treatment plan, as well as sequencing the treatment will be presented in order to provide successful implant dentistry for our patients.

### Educational objectives

- Fundamentals of treatment planning with dental implants.
- Patient selection for successful outcomes.
- Understanding patient expectations.
- Laboratory communication necessary for successful treatment.
- Prosthetic options based on patient needs.
- When to utilize computer treatment planning to enhance treatment outcomes.
- Pre-prosthetic considerations prior to initiating treatment.
- Determining proper implant/abutment selection.
- Occlusal considerations for implant prosthetic designs.
- When and when not to immediately load dental implants.
- How to make implant restorations esthetic and when to avoid dental implants.
- Using dental implants for orthodontic anchorage.
- Presenting implant options to patients and having treatment plans accepted.
- Potential insurance coverage for dental implants and how to submit for payment.
- Marketing dental implants in a busy practice.



**Duration:** 3 days  
**Course fee:** \$3600 USD  
**CE Credit:** 20 hours ADA CERP, AGD  
**Code:** AT1009 - April course  
AT1018 - November course

# Implant Dentistry: A Surgical and Restorative Perspective



This full day program will discuss the role of implant design, biomechanics, and abutment options for achieving optimal results. A comprehensive review of implant design and abutment options will be provided so you can understand how to achieve predictable restoration of teeth, even when treating patients with poor bone quality.

From a surgical perspective, this course will focus on the expanding role of digital dentistry and how it enhances the clinician's capacity to realistically define treatment options and control outcomes.

From a restorative perspective, a systematic protocol for dealing with single tooth, multiple tooth, and full arch implant prosthetic cases including planning, temporization and soft tissue manipulation will be addressed. Additionally, transfer of information to the lab and prosthetic choices for the final restoration will be reviewed in detail.

## When and where?

August 21, 2010

Nova Southeastern University  
Ft. Lauderdale, Florida

## Faculty

Nick DeTure, DMD  
Tal Morr, DMD, MSD

## Registration/information

[www.dental.nova.edu/ce](http://www.dental.nova.edu/ce)

## Course content

Morning session:

Dr. Nick DeTure — Digital Dentistry: Elevating Standards For Case Planning, Treatment Protocols, and Outcomes.

Afternoon session:

Dr. Tal Morr — Esthetic Predictability in Implant Dentistry



**Duration:** 1 day  
**Course fee:** \$180 USD  
**CE Credit:** 6 hours ADA CERP  
**Code:** AT1015

# Advanced Dental Implant Surgical and Prosthodontic Therapy



This course, presented by a leading Periodontist and Prosthodontist, will provide training in surgical and prosthodontic procedures related to implant placement and restoration for the esthetic zone and edentulous arch. Participants must have prior experience with implant placement.

Surgical training will include grafting to facilitate esthetic outcomes and sinus elevation bone grafting to expand options for fixed solutions.

Prosthodontic training covers prosthodontic diagnosis and treatment planning of treatment options for edentulous arches and the esthetic zone. Special emphasis is placed on prosthodontic diagnosis and treatment planning as the principal guide for the surgical treatment plan to obtain stable, long term esthetics and function. The application of these principles and procedures to fulfill patient goals will also be discussed.

Each participant will receive a set of DVDs of the live surgical demonstrations and a manual of procedure protocols with supporting scientific literature. Participants are encouraged to bring cases for discussion and questions.

## When and where?

October 21-23, 2010  
Brodine Prosthodontic Seminars  
Rochester, New York

## Faculty

Alan H. Brodine, BS, DMD, FACP  
John Moriarty, DDS, MS

## Registration/information

[www.prosthodonticseminars.com](http://www.prosthodonticseminars.com)

## Course content

### Lectures

- Prosthodontic and surgical diagnosis and treatment planning in the esthetic zone and edentulous arch
- Dimensions of the edentulous space and location of teeth in space
- Sinus elevation bone grafting procedures, anatomy and radiographic evaluation
- Complete arch implant placement procedures, anatomy and radiographic evaluation
- Surgical guides fabrication/use, implant occlusion and biomechanics
- Immediate placement and provisional protocols
- Complete arch fixed and removable prostheses treatment options
- Screw-retained abutments and prostheses
- Complication prevention and management
- Discussion of course participants' cases

### Hands-on

- Sinus elevation bone graft procedures on models
- Implant placement on models
- Abutment selection
- Temporary abutments and components

### Surgical demonstrations (pre-recorded)

- Sinus elevation bone grafting
- Simultaneous sinus bone graft with implant placement
- Horizontal ridge augmentation
- Complete arch implant placement

\*This course can also be taken online live or viewed online as a recording.



<b>Duration:</b>	2.5 days
<b>Participants:</b>	Min. 6, max. 12
<b>Course fee:</b>	\$3380 USD
<b>CE Credit:</b>	22 hours AGD PACE
<b>Code:</b>	AT1022



# Implant 2.0 — Principles and Practice for Immediate Loading of Dental Implants



This live patient demonstration course will include lectures, live surgeries and hands-on training. Each participant will directly observe patient surgical and restorative procedures. In addition, detailed case reviews will be used to reinforce patient selection, treatment planning, step-wise procedures and problem solving. Participants will also have the opportunity to partake in hands-on training exercises to maximize their course experience. Teams of Oral Surgeons, Prosthodontists, Periodontists and Laboratories are encouraged to attend.

## When and where?

November 12-13, 2010  
University of North Carolina  
Chapel Hill, North Carolina

## Faculty

Lyndon Cooper, DDS, PhD  
Matthew Hopfensperger, DDS, MS  
John Moriarty, DDS, MS  
Glenn Reside, DMD

## Registration/information

Call the UNC CE department at 919-966-2729 or visit [www.dent.unc.edu/cde/courses](http://www.dent.unc.edu/cde/courses)

## Course content

The goal of this course is to provide dental clinicians with an understanding of the principles and process of immediate placement and loading of endosseous dental implants.

At the completion of this course participants will be able to:

- Understand the indications and contraindications for immediate placement and loading of endosseous dental implants.
- Describe the physiology of implant healing and relate these principles to causes of immediate implant failure and immediate implant success.
- Understand the step-wise surgical procedures for immediate placement and loading of implant anterior maxillary single tooth restorations.
- Understand the step-wise prosthodontic procedures for esthetic rehabilitations using immediate provisionalization procedures.
- Correctly diagnose and treat potential complications and failures associated with immediate implant placement.
- Understand the diagnosis and treatment process utilizing guided surgery for flapless implant surgery (Facilitate™).



<b>Duration:</b>	1.5 days
<b>Participants:</b>	Max. 30
<b>Course fee:</b>	\$995 USD
<b>CE Credit:</b>	11 hours ADA CERP, AGD PACE
<b>Code:</b>	AT1019

# Computer Guided Technology Hands-on Course



During the last decade, computer-guided software has had a major impact on the practice of dentistry. The technology has altered the manner in which diagnostic information is gathered, as well as how both simple and complex surgical/restorative procedures are planned and executed. The goals of this session will be to give participants first-hand experience in the application of three-dimensional imaging and navigation technology, and demonstrate how computer guided technology aids in the diagnosis and treatment of patients.

## When and where?

**March 3, 2010**  
Academy of Osseointegration Annual Meeting  
Orlando, Florida

## Faculty

**David Guichet, DDS**  
**Melvyn Wishan, DDS, MDS**

## Registration/information

[www.osseo.org](http://www.osseo.org)

## Course content

This full-day workshop offers hands-on training in the use of Facilitate™. Specifically, the sessions will explore how 3D imaging and navigation technology helps providers fabricate surgical templates, generate final prosthesis and place implants more effectively as part of the “team approach.” Program topics include CT scan planning software, CT-guided surgery, and fabrication of provisional restorations prior to surgical therapy for insertion at the time of implant placement.

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

- Navigate the Facilitate™ software to successfully treatment plan a case.
- Design and order a Facilitate™ surgical guide based on the surgical plan.
- Order an articulated master cast and a provisional restoration that will be fabricated using the surgical guide.
- Understand and use the surgical armamentarium to be employed with the surgical guide.



<b>Duration:</b>	1 day
<b>Course fee:</b>	\$400 USD for AO members \$500 USD for non AO members
<b>CE Credit:</b>	8 hours ADA CERP, AGD PACE
<b>Code:</b>	AT1010

# Computer Guided Implantology



This two-day course includes hands-on drilling with SurgiGuide/Facilitate™ models and software training, didactic teaching of treatment planning methods and live maxillary immediate load surgery.

### *Optional software training*

Participants will also have the opportunity to attend an optional software training session the evening before the course starts. Some software usage will be covered during the course, however first time users and participants interested in extensive hands-on software training should attend this optional training.

### **When and where?**

**March 25-27, 2010**  
PerioHealth Center for Excellence  
Houston, Texas

### **Faculty**

**David Guichet, DDS**  
**Ron Hickerson, DDS**  
**Michael McGuire, DDS**  
**E. Todd Scheyer, DDS, MS**

### **Registration/information**

Call Cindy at PerioHealth Center for Excellence at 713-783-5442 or email [info@periohealth.com](mailto:info@periohealth.com)

### **Course content**

During this course, participants will be given an overview of the complete procedure from patient diagnosis to guided surgery. Course faculty will focus on computer guided surgery for immediate load implant therapy and numerous cases will be demonstrated or discussed. Various techniques will be illustrated through lectures and limited hands-on demonstrations.

- Basic treatment pathways, including diagnostics and the following case types:
  - Single tooth restorations
  - Partial edentulous (multi-tooth fixed)
  - Edentulous mandible (full arch fixed, removable)
  - Edentulous maxilla (full arch fixed, removable)
  - Implant overdenture & implant supported removable prostheses
- The latest software tools including: realistic implants, virtual teeth, measurements, localization of vital structures, collision detection, bone quality and many others.
- Surgical guide types and how to design the right guide for your patient.
- Provisional set-up and delivery for a full arch case-what are your options?

By integrating computer guided implant treatment, a new level of predictability, efficiency and accuracy will be achieved. Additionally, it optimizes safety for you and your patients, reduces time for the implant procedure and enhances patient satisfaction.



<b>Duration:</b>	1.5 - 2 days
<b>Course fee:</b>	\$250 USD Optional software training (Thurs.) \$1990 USD Fri. lecture & Sat. live surgery
<b>CE Credit:</b>	12 hours AGD PACE
<b>Code:</b>	AT1007

# Virtual Abutment Design Drives Outcomes and Productivity



Courtesy of Dr. Julian Osorio

These clinics held at each of the three major lab day meetings in 2010 will be a great opportunity for lab technicians to learn about the advantages of Atlantis™ patient-specific CAD/CAM abutments as well as the software supporting the design, order, case review and approval processes.

## When and where?

Lab Day Chicago  
**February 27, 2010**  
Sheraton Chicago Hotel & Towers  
Chicago, Illinois  
1:00 pm - 3:00 pm

Lab Day East  
**April 10, 2010**  
Grand Hyatt  
New York, New York  
10:30 am - 12:30 pm

Lab Day West  
**May 8, 2010**  
Hyatt Regency Orange County  
Garden Grove, California  
10:30 am - 12:30 pm

## Faculty

**Lee Culp, CDT** (Lab Day Chicago)  
**Lars Hansson, CDT, FICOI** (Lab Day East & West)

## Registration/information

No registration necessary. Attendance will be on a first-come first-serve basis (max. 50) at each Lab Day.

## Course content

Patient-specific abutments, available for all major implant systems, takes a leadership role in digital implant dentistry that is beyond CAD/CAM technology.

Lectures, table clinics, and computer workstations will provide an overview of the features and benefits of Atlantis™ patient-specific abutments. Lab-based scanning, proprietary Atlantis VAD™ (Virtual Abutment Design) software, Atlantis™ WebOrder and the unique Atlantis™ 3D viewer for case review and approval will also be demonstrated.



<b>Duration:</b>	1 day
<b>Participants:</b>	Max. 50 (first-come first-serve at show)
<b>Course fee:</b>	Complimentary
<b>CE Credit:</b>	2 hours NBC
<b>Code:</b>	AT1004

# Grow Your Implant Practice by 200 Implants in the Next Year



Implants are poised for extraordinary growth in the coming years. But is your practice ready to take advantage of this opportunity?

After suffering an industry-wide decline, implants will grow in 2010. In fact for the right practices, this could be the first of many years of tremendous growth. Did you know that every seven seconds someone in America turns 50? Clearly the pool of potential implant candidates is growing rapidly, as baby boomers reach middle age and beyond. And this group will overwhelmingly choose implants over other services...if properly educated and motivated.

Come to Dr. Roger P. Levin's newest implant seminar and get the proven strategies, techniques and systems that lead to Total Implant Success™.

## When and where?

**February 11-12, 2010**

Gaylord Palms Resort & Convention Center  
Kissimmee, Florida

**May 19-20, 2010**

Avenue Hotel  
Chicago, Illinois

**November 11-12, 2010**

Avenue Hotel  
Chicago, Illinois

## Faculty

**Roger P. Levin, DDS** - Chairman and CEO,  
Levin Group Inc.

## Registration/information

[www.levingroupimplant.com](http://www.levingroupimplant.com)

## Course content

At this seminar you will learn to:

- Increase referrals dramatically.
- Drive growth with an Implant Treatment Coordinator.
- Become the dominant implant practice in your area.
- Spend more time chair-side and less on administrative matters.
- Upgrade your systems and achieve your implant potential.
- Build a high-performance schedule designed for increased productivity.
- Expand the number of referring doctors.
- Communicate more effectively with current and potential referrers.
- Work smarter - not harder - and enjoy what you do more.
- Protect yourself against current and future competition.
- Educate and motivate patients with an Implant Treatment Coordinator.
- Empower your team through enhanced leadership skills.
- Take your practice to the next level with the Levin Group Method™.
- Get more patients to say "yes" to recommended treatment.
- Implement breakthrough strategies that drive maximum production.
- Get rid of stress and enjoy your practice.
- Improve your practice and your quality of life.



<b>Duration:</b>	1.5 days
<b>Course fee:</b>	\$495 USD/Doctor \$295 USD/Staff member
<b>CE Credit:</b>	10 hours AGD PACE
<b>Code:</b>	AT1020

# Good Morning with Astra Tech



Inspired by the success and positive feedback from the attendees at "Good Morning with Astra Tech" at the previous two AO meetings, we are extremely excited to host our third show in Orlando. The program will be presented in our exciting "Good Morning" format and will consist of short lectures, dynamic discussions and entertainment.

## When and where?

**March 4, 2010**  
Academy of Osseointegration Annual Meeting  
Orlando, Florida

## Faculty

**Tomas Albrektsson, MD, PhD, ODhc**  
**Lyndon Cooper, DDS, PhD**  
**Bach Le, DDS, MD**  
**Homa Zadeh, DDS, PhD**

## Registration/information

No registration necessary. Attendance will be on a first-come first-serve basis

## Course content

### *Moving Towards New Standards in Implant Dentistry*

With modern technology and well-proven products, it is possible to recreate what nature once intended. However, old truths must be challenged along the way in order for new standards of success to be defined. Innovations in implant dentistry often require the need to adapt the way we think and act, but ultimately benefits not only the dental practice but also the long-term care of the implant patient. Are you up for the challenge?

Session 1: 8:00 – 8:45 am

Prof. Tomas Albrektsson – Reasons for Bone Loss Around Oral Implants and Suggestions for New Criteria of Success

Session 2: 9:00 – 9:45 am

Dr. Homa Zadeh – Short and Narrow Implants: Minimally Invasive Alternative to Grafting for Management of Compromised Sites

Session 3: 10:15 – 11:00 am

Dr. Lyndon Cooper – Implants and a Digital Menu; Pursuing Excellence

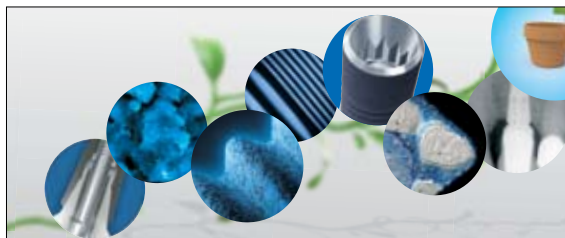
Session 4: 11:15 – 12:00 pm

Dr. Bach Le – Implants in Compromised Sites



**Duration:** 4 hours  
**Course fee:** Complimentary  
**CE Credit:** N/A  
**Code:** AT1005

# Astra Tech 25<sup>th</sup> Anniversary Tour: Implant Dentistry — Past, Present and Future



Since the introduction of the Astra Tech Implant System™, we have continued to leverage the experiences gained, knowledge learned and clinical data developed over the past 25 years to provide optimized solutions in implant therapy for the benefit of the clinician and their patients.

Come and learn how the latest trends in implant esthetics, digital dentistry and future developments in implant surface technology can be utilized for your practice success.

## When and where?

**April 30- May 1, 2010**  
La Centre Sheraton Hotel  
Montreal, Quebec

## Faculty

Moderators

**Pierre Boudrias, DMD, MSD**  
**Michael Moscovitch, DDS**  
**Mark Spatzner, DMD**

Lecturers

**Lyndon Cooper, DDS, PhD**  
**Michael Norton, BDS**  
**Clark Stanford, DDS, PhD**

## Registration/information

Call Astra Tech at 1-800-531-3481 or visit  
[www.astratechdental.com](http://www.astratechdental.com)

## Course content

### Day 1

Morning session:

Dr. Michael Norton — Establishing Harmony Between Biomechanics and Biology Through Implant Design

Afternoon session:

Dr. Lyndon Cooper — Optimizing Biology and Technology for Dental Implant Success: From Fundamentals to Esthetics

### Day 2

Morning session:

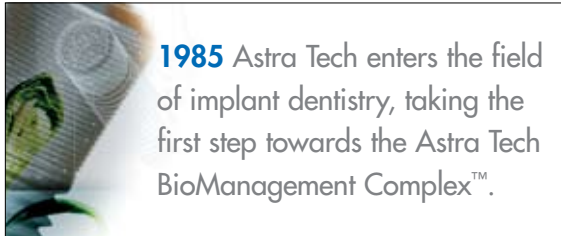
Dr. Clark Stanford — Integrating Digital Environments into Clinical Practice

Included in registration fee: Breakfast(2), lunch (2), Friday evening reception with entertainment.



**Duration:** 1.5 days  
**Course fee:** \$495 CAD before March 1  
\$595 CAD after March 1  
**CE Credit:** 10 hours ADA CERP, AGD  
**Code:** AT1012

# Astra Tech 25<sup>th</sup> Anniversary Tour: Implant Dentistry — Past, Present and Future



**1985** Astra Tech enters the field of implant dentistry, taking the first step towards the Astra Tech BioManagement Complex™.

Since the introduction of the Astra Tech Implant System™, we have continued to leverage the experiences gained, knowledge learned and clinical data developed over the past 25 years to provide optimized solutions in implant therapy for the benefit of the clinician and their patients.

Come and learn how the latest trends in implant esthetics, digital dentistry and future developments in implant surface technology can be utilized for your practice success.

## When and where?

**June 18-19, 2010**  
Pan Pacific Hotel  
Vancouver, British Columbia

## Faculty

Moderator  
**Ira Sy, DDS, MS**

Lecturers  
**Roger Levin, DDS**  
**Michael Norton, BDS**  
**Homa Zadeh, DDS, PhD**

## Registration/information

Call Astra Tech at 1-800-531-3481 or visit  
[www.astratechdental.com](http://www.astratechdental.com)

## Course content

### Day 1

Morning session:

Dr. Michael Norton — Establishing Harmony Between Biomechanics and Biology Through Implant Design

Afternoon session:

Dr Homa Zadeh — Minimally Invasive Implant Therapy

### Day 2

Morning session:

Dr. Roger Levin — Set Your Practice on Fire!  
How to Increase Production Despite the Economy

Included in registration fee: Breakfast(2), lunch (2), Friday evening reception with entertainment.



**Duration:** 1.5 days  
**Course fee:** \$495 CAD before April 15  
\$595 CAD after April 15  
**CE Credit:** 10 hours, ADA CERP, AGD  
**Code:** AT1014



# Astra Tech 25<sup>th</sup> Anniversary Tour: Implant Dentistry — Past, Present and Future



Since the introduction of the Astra Tech Implant System™, we have continued to leverage the experiences gained, knowledge learned and clinical data developed over the past 25 years to provide optimized solutions in implant therapy for the benefit of the clinician and their patients.

Come and learn how the latest trends in implant esthetics, digital dentistry and future developments in implant surface technology can be utilized for your practice success.

## When and where?

October 22-23, 2010  
The Old Mill Inn  
Toronto, Ontario

## Faculty

Moderator  
**Jason Bortolussi, DDS**

Lecturers  
**Tomas Albrektsson, MD, PhD, ODhc**  
**Lyndon Cooper, DDS, PhD**  
**Lars Rasmussen, DDS, PhD**

## Registration/information

Call Astra Tech at 1-800-531-3481 or visit  
[www.astratechdental.com](http://www.astratechdental.com)

## Course content

### Day 1

Morning session:

Dr. Lars Rasmussen — Is Implant Stability a Prerequisite For Loading?

Afternoon session:

Dr. Lyndon Cooper — Digital Dentistry and the Pursuit of Dental Implant Excellence

### Day 2

Morning session:

Prof. Tomas Albrektsson — Reasons for Bone Loss Around Oral Implants and Suggestions for New Criteria of Success

Included in registration fee: Breakfast(2), lunch (2), Friday evening reception with entertainment.



**Duration:** 1.5 days  
**Course fee:** \$495 CAD before September 1  
\$595 CAD after September 1  
**CE Credit:** 10 hours ADA CERP, AGD  
**Code:** AT1017

# International courses



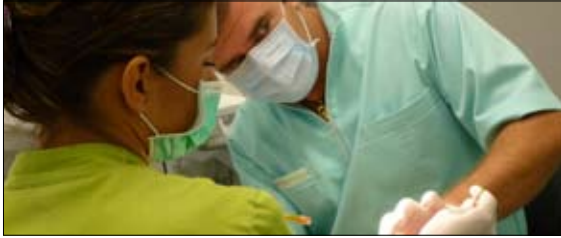
## True inspiration for dental professionals

The Astra Tech Conference Center for Training & Education is a center of opportunities and inspiration. At these excellent facilities, located at the Astra Tech headquarters in Mölndal, Sweden, dental professionals from all over the world have experienced numerous in-depth and hands-on training and lectures on basic and advanced topics.

The center allows for live surgery and is equipped with a complete dental laboratory and the latest audiovisual technology. All procedures can be seen through glass windows or close-ups transmitted to screens in different auditoriums. Due to interactive camera systems, the participants are able to communicate with the instructor throughout the entire process, even if they are located in a different auditorium.

For a complete listing of courses held at the Astra Tech Conference Center for Training & Education and all other available courses, please visit [www.astratechdental.com](http://www.astratechdental.com).

# Contemporary Implant Prosthodontics



Implant-retained prosthodontics have many features in common with tooth-retained restorations, but there are also a number of differences. The importance of taking these differences into consideration in order to avoid unnecessary failures will be highlighted.

The course will cover basic mechanical and biological principles. Treatment planning from a biological, technical and financial point of view will be discussed. Procedures enhancing the clinical success in complex cases including cosmetic possibilities and limitations with implant treatment will be illustrated through case presentations. Versatile techniques to immediate/early loading of implants as well as the advantages with patient-specific Atlantis™ abutments and the Cresco™ system will be demonstrated.

## When and where?

May 6-7, 2010

Astra Tech Conference Center for  
Training & Education  
Möndal, Sweden

## Faculty

Per Daneskog, CDT  
Stefan Ellner, DDS  
Robert Fermergård, DDS  
Gunnar Bagge, CDT

## Registration/information

[www.astratechdental.com](http://www.astratechdental.com)

## Course content

### Lectures

- Basic biology and different treatment protocols
- Optimal implant positioning
- Advanced pre-prosthetic surgical techniques
- Mechanical and biomechanical considerations on material and design
- “Esthetic” vs. “functional” prosthetic material
- Cresco™ – for precise fit
  - How and why?
- Cresco™
  - Case presentation
- Atlantis™ abutments – As individual as your patients
- Case presentation – Atlantis™ abutments
- Tooth to implant connected suprastructures
- Case presentation – DesignLine™ abutments and Direct Abutment™ system
- Early loading – advantages and risks of complications
- Clinical and radiographic follow-up routines

### Demonstration

- Cresco™ precision technique
- Tour of Atlantis™ production

### Workshop

- Treatment planning on complex cases



**Duration:** 2 days  
**Participants:** Min. 10, max. 20  
**Course fee:** SEK 11,200 ex. VAT  
**Language:** English  
**Code:** CIP 101

# Advanced Surgical Techniques in Implantology



Through dissections on human cadavers you will learn to identify major anatomical structures. Guided by reflection and anatomical knowledge, the participants will learn how to perform advanced implant surgery and how to select cases suitable for different surgical techniques. Post operative handling of complications will be discussed. Advanced surgical techniques will be demonstrated and also performed by the participants on cadavers.

## When and where?

March 11-13, October 14-16, 2010  
Faculty of Medicine, University of Paris  
Paris, France

## Faculty

David Abensur, DDS  
Pascal Valentini, DDS

## Registration/information

[www.astratechdental.com](http://www.astratechdental.com)

## Course content

### Lectures

- Single tooth replacement - New trends
- Immediate/slightly delayed/late implant placement after extraction
  - Indications
  - Surgical technique (Bone grafting)
- Results from clinical follow-up
- Partially and fully edentulous patients
- Maxillary sinus floor elevation
  - Indications
  - Surgical technique
  - Complications
  - Long-term results
  - Future developments

### Video demonstrations

- Dissection of the cheek in order to identify sensitive structures
- Immediate implant placement in extraction sites and immediate provisionalization in different types of defects
- Dissection of the mental nerve and lingual nerve
- Onlay graft technique in the anterior maxilla
- Maxillary sinus grafting

### Hands-on cadaver workshop

- Immediate implant placement in extraction sites and immediate provisionalization in different types of defects
- Bone harvesting from the chin and ramus area
- Onlay graft technique in the anterior maxilla
- Maxillary sinus grafting



**Duration:** 3 days  
**Participants:** Min. 20, max. 24  
**Course fee:** EUR 2,200  
**Language:** English  
**Code:** March AST 101, Oct AST 102

# Treatment Planning — Express Your Opinion



In daily practice the clinician needs to make decisions with respect to strategies and choice of therapy. Which methods do we apply in decision-making? What are our background references besides clinical experience?

Clinical problems will be illustrated through case presentations and by use of mentometers the participants can choose among given treatment alternatives, resulting in interactive discussions.

## When and where?

**June 10-11, 2010**

Astra Tech Conference Center for Training & Education  
Mölndal, Sweden

## Faculty

**Tord Berglundh, DDS, PhD**  
**Jan Wennström, DDS, PhD**

## Registration/information

[www.astratechdental.com](http://www.astratechdental.com)

## Course content

The outline of the course is based on clinical cases that illustrate different problems. Each case will be described with respect to certain prerequisites and different treatment alternatives to the problems will be presented. A computer-based voting-system will be used, by which the course participants will select among the given treatment alternatives. The results from the voting process will be analyzed and variations in the selection of treatment alternatives in regards to differences in e.g. professional experience among the participants will be presented. A short review of the scientific background to each of the suggested treatment alternatives will subsequently be provided.

Each participant in the course will consequently contribute to the program and the overall goal is to provide the scientific basis for the decision making process.

The clinical problems to be presented in the course include:

- The esthetic zone
- The posterior maxilla
- Tooth or implant-supported fixed prosthesis
- Immediate placement of implants following tooth extraction
- The compromised alveolar ridge
- Implant therapy in the periodontally compromised subject
- Peri-implantitis



**Duration:** 2 days  
**Participants:** Min. 40  
**Course fee:** SEK 5,800 ex. VAT  
**Language:** English  
**Code:** TPE 101



## **Tomas Albrektsson**

Tomas Albrektsson is the Professor and Head of Biomaterials Group in the Department of Handicap Research at the University of Goteborg, Sweden. He received his PhD in 1979 after defending his thesis Healing of Bone Grafts. Dr. Albrektsson is the editor of ten scientific books and the author of over 570 abstracts, reviews and scientific papers on bone grafts, vital microscopy of bone, experimental implants, oral and craniofacial reconstructions and orthopaedic implants. He is the recipient of numerous awards, the most recent being the Lifetime Achievement Award in Osseointegration Research in 2007 awarded by the Academy of Osseointegration.



## **Alan Brodine**

Alan Brodine, DMD is a Diplomate of the American Board of Prosthodontics. A noted speaker, Dr. Brodine has made more than 80 invited presentations at numerous national and international venues and is also a published author in the Journal of Prosthodontic Dentistry. His clinical experience includes a general practice residency and four additional years of general practice in the United States Army as well as a solo private prosthodontic practice in Rochester, New York since 1988. In 2003, he formed Brodine Prosthodontic Seminars to help dentists master specific prosthodontic and dental implant skills.



## **Lyndon Cooper**

Lyndon Cooper DDS, PhD. is the Stallings Distinguished Professor of Dentistry of the Department of Prosthodontics at the University of North Carolina at Chapel Hill. He is currently Chairperson and acting Director of Graduate Prosthodontics and the director of the Bone Biology and Implant Therapy Laboratory. Dr. Cooper is a Diplomate of the American Board of Prosthodontics and serves as the Vice President of the American College of Prosthodontics Board of Directors. He received the 2004 Clinician/Researcher Award by the ACP.



## **Lee Culp**

Lee Culp, CDT is a leading resource/inventor for many of the materials, products and techniques used in dentistry today and holds numerous patents for his ideas and products. Lee writes over 25 articles per year, and his writing, photography, and teaching style have brought him international recognition as one of today's most exciting lecturers and innovative artisans in the specialty of dental ceramics and functional esthetics. Lee is the editor in chief of Spectrum, a dentist technician communication journal. He is also the founder of Mosaic Studios and the Institute for Oral Art and Design.



## **Nick DeTure**

A graduate of the University of Florida College of Dentistry then Periodontic specialization from the University of Tennessee at Memphis, Dr. Nick DeTure has been practicing periodontics in South Florida since 1999. Since establishing a Private Practice in Broward County, Dr. DeTure spends time as a clinical adjunct professor of Periodontics at Nova Southeastern University College of Dental Medicine. He also is a visiting lecturer at the University Of Florida College Of Dentistry and the University Of Tennessee College Of Dentistry.



### **Robert Faulkner**

Dr. Faulkner graduated from The Ohio State University in 1980. Following a one year hospital residency, he practiced general dentistry in northwest Ohio until 1990, when he returned to an advanced graduate residency program in prosthodontics at the UCLA School of Dentistry. Dr. Faulkner received his certificate in prosthodontics in 1992 as well as a certificate in maxillofacial prosthetics in 1993. In addition, he received full training through the UCLA Implant Center during his three year residency training programs. Dr. Faulkner is the director of The Ohio Center for Osseointegration, a state of the art continuing education facility for clinicians, technicians, and auxiliaries.



### **David Guichet**

Dr. Guichet frequently lectures on the subjects of implant dentistry, esthetic occlusal rehabilitation and computers in dental practice. He maintains a full time prosthodontic practice in Orange, California and is a member of several prosthodontic organizations. Dr. Guichet just completed a four year term as the editor of Academy News, the newsletter for the Academy of Osseointegration. He completed a Prosthodontic Residency at the Veterans Administration Medical Center Wadsworth in West Los Angeles, a General Practice Residency at the VAMC in Long Beach CA, and received a DDS from the UCLA School of Dentistry.



### **Lars Hansson**

Lars Hansson is a board certified and master technician from Sweden, specializing with implants. Lars has studied and worked with many of the leaders in the implant world. He has a fellowship from the International Congress of Oral Implantologists and serves on the Academy of Osseointegration's membership committee. He is an assistant lecturer for the Mid-Atlantic Center for Advanced Dental Studies and assistant lecturer for Dawson Academy. Mr. Hansson is also a regular teaching assistant at the Misch Institute where he teaches courses on case design and the fabrication of surgical guides.



### **Bach Le**

Dr. Bach Le completed his specialty training in Oral & Maxillofacial Surgery at Oregon Health Sciences University. He is currently Clinical Associate Professor of Oral & Maxillofacial Surgery at the USC School of Dentistry and Assistant Director of Residency Education at USC Medical Center. Dr. Le is a published author in numerous scientific journals and has lectured extensively about dental implants and bone regeneration. Dr. Le was a recent recipient of the Charles E. English Award in Clinical Science for "the most significant article" published in the Journal of Implant Dentistry for 2008.



### **Roger Levin**

Roger P. Levin, a third generation dentist, founded Levin Group in 1985 to meet a need in the dental community for practice management consulting. He is one of the industry's pioneers in developing practice management and marketing programs and has built Levin Group into a national company with 100 employees. For the past 22 years, Dr. Levin has embraced one single mission – to improve the lives of dentists. In addition to consulting services, Levin Group provides dentists and specialists with a comprehensive range of lifetime services, including financial planning, wealth management, recruitment, and transition services.



### **John Moriarty**

Dr. Moriarty is a Clinical Professor in the Department of Periodontology at the University of North Carolina. His continuous association with the University of North Carolina at Chapel Hill began in the mid 1960's and resulted in a BS in Bacteriology, a DDS in 1975, and a MS with a certificate in Periodontics in 1977. Dr. Moriarty has won multiple teaching awards at UNC. He served as the Director of the Undergraduate Program in Periodontics for 20 years. He served as the Director of the Dental Implant Program for the School of Dentistry from 1998 through his partial retirement in 2005. He is currently the Vice-Chair for the Education Committee of the American Academy of Periodontology.



### **Tal Morr**

Dr. Tal Morr received his DMD at Tufts University School of Dental Medicine in Boston Massachusetts, graduating at the top of his class. Dr. Morr then attended the University of Washington Prosthodontic program where he received a certificate in Prosthodontics and a Master in the Science of Dentistry (MSD) degree. Dr. Morr is a renowned lecturer both nationally and internationally and lectures on various topics such as aesthetics, implants, and full mouth rehabilitation as well as being a published author on aesthetically related dental topics such as veneers, implants, and complex prosthetics.



### **Michael Norton**

Dr. Michael Norton is a graduate of the University of Wales School of Dental Medicine. He runs a dedicated implant practice on Harley Street in London. He is a specialist in Oral Surgery and in 2007 he was awarded the prestigious Fellowship of the Royal College of Surgeons, Edinburgh for his contribution to the field of implant dentistry. Dr Norton is both Board Member & Fellow of the Academy of Osseointegration (AO) and is Past President and the current Scientific Chairman of the Association of Dental Implantology, UK. He is the immediate past editor of the AO's Academy News and is currently Associate Editor of the *International Journal of Oral & Maxillofacial Implants*.



### **Ethan Pansick**

Dr. Ethan Pansick received his Doctor of Dental Surgery degree from New York University. He continued his dental training with a one year Advanced Education in General Dentistry Residency at Columbia-Presbyterian Medical Center in New York City. During this time, Dr. Pansick realized that the intricacies of complex oral rehabilitation demanded further training. He then completed the University of Michigan's three year specialty program in Prosthodontics where he received a certificate as well as a Master of Science degree in Prosthodontics. Dr. Pansick has been in private practice in Delray Beach, Florida since 1995.



### **Lars Rasmussen**

Dr. Lars Rasmussen received his Doctor of Dental Medicine degree from the University of Göteborg in Sweden. From 1995 to 2000, he completed the training program in oral and maxillofacial surgery at the Sahlgrenska University hospital. Dr. Rasmussen is currently professor and consulting maxillofacial surgeon at the Sahlgrenska Academy and Hospital at the University of Göteborg. He is also head of the department of oral and maxillofacial surgery at the same university. His clinical work is concentrated to orthognatic surgery, TMJ surgery and reconstructive implant surgery.



### **Glenn Reside**

Dr. Glenn Reside joined the UNC faculty in July 2003. He is the Director of Dental Student Oral and Maxillofacial Surgery education and the primary faculty for dental implantology in the OMS Residency program. Dr. Reside was the recipient of the 2006 Richard F. Hunt Memorial Award recognizing excellence in teaching. He earned a BS degree in Chemistry at Illinois College, a MS degree in Biochemistry at the University of Illinois, and a DMD degree at Washington University in St. Louis, Missouri. After Dental School, he completed a General Practice Residency at Womack Army Hospital in Fort Bragg, NC and an OMS Residency at Brooke Army Medical Center in San Antonio, TX.





### **Fernando Rojas-Vizcaya**

Dr. Rojas-Vizcaya maintains a private practice limited to dental implant surgery and prosthodontics in Castellón, Spain. He also works as Adjunct Assistant Professor in the Department of Prosthodontics at the University of North Carolina in Chapel Hill and lectures extensively worldwide. Dr. Rojas received his DDS degree at the University Javeriana Dental School in Bogotá, Colombia and completed his post-graduate specialty degree in Prosthodontics along with a Master of Science Degree in Prosthodontics, and a Fellowship in Oral Implantology at the University of North Carolina in Chapel Hill. He received a Doctorate in Buccal Surgery and was also trained in Oral Medicine and Implant Surgery at the University Complutense in Madrid.



### **Arnie Rosen**

Dr. Rosen's background spans all arenas of patient care as a practitioner, administrator, and academician. His specialty from Boston University School of Graduate Dentistry and Sloan Kettering Memorial Cancer Institute was Prosthodontics and Maxillo-Facial Prosthetics and he has since added an MBA from Boston University School of Business Administration. He has served as Director of Hospital Dentistry at New England Medical Center Hospital, Director of the Dental Implant Center at Tufts University School of Dental Medicine, and founder of the Tufts Dental Implant Fellowship Program.



### **Clark Stanford**

Dr. Clark Stanford holds the position of Associate Dean for Research and the Centennial Fund Professor for Clinical and Translational Research in the Dows Institute for Dental Research and in the Department of Prosthodontics, College of Dentistry, University of Iowa. He also holds appointments in the Department of Orthopaedic Surgery, College of Medicine, and the Department of Biomedical Engineering (College of Engineering). Dr. Stanford received his BS, DDS, Certificate in Prosthodontics and Ph.D. from the University of Iowa. Dr. Stanford is the recipient of 15 academic awards including the 2007 State of Iowa Regents Award for Faculty Excellence and the IADR Distinguished Scientist Award (2007).



### **Melvyn Wishan**

Dr. Wishan received his DDS Degree from the University of California, San Francisco Medical Center Campus and then went on to serve an internship and residency in Oral and Maxillofacial Surgery receiving an MDS degree in 1964. Upon finishing his residency, he moved to Los Angeles and in 1965 became a charter member of the Oral and Maxillofacial Surgery faculty of the newly opened UCLA Dental School. He held this part time position until he resigned in 2003. Dr. Wishan has been in private practice since 1964 and is a Diplomate of the American Board of Oral and Maxillofacial Surgery.



### **Homa Zadeh**

Dr. Zadeh is an Associate Professor at the University of Southern California (USC), School of Dentistry and a diplomate of the American Board of Periodontology. He received his Doctor of Dental Surgery degree from USC School of Dentistry in 1987. Dr. Zadeh has also completed advanced clinical education in Periodontology and earned a PhD degree in immunology from the University of Connecticut, Schools of dental medicine and medicine. He directs the Laboratory for Immunoregulation and Tissue Engineering (LITE), funded by the National Institutes of Health. Dr. Zadeh is the director of USC periodontal and implant symposium, as well as the USC Comprehensive Surgical & Restorative Implant Training Program. He also maintains a part-time private practice limited to Periodontology in Southern California.

# Course Calendar 2010

## JANUARY

Please visit [www.astratechdental.com](http://www.astratechdental.com) for the most up-to-date listing.

## FEBRUARY

February 11–12  
**Grow Your Implant Practice by 200 Implants in the Next Year**  
**Code AT1020** **Page 21**  
Location: Kissimmee, Florida

February 13  
**Implant Overdenture Therapy Hands-on Course**  
**Code AT1002** **Page 9**  
Location: Iowa City, Iowa

February 18–21  
**Basic Protocols in Implant Surgery and Restoration**  
**Code AT1003** **Page 10**  
Location: Los Angeles, California

February 27  
**Virtual Abutment Design Drives Outcomes and Productivity**  
**Code AT1004** **Page 20**  
Location: Chicago, Illinois

## MARCH

March 3  
**Computer Guided Technology Hands-on Course**  
**Code AT1010** **Page 18**  
Location: Orlando, Florida

March 4  
**Good Morning with Astra Tech**  
**Code AT1005** **Page 22**  
Location: Orlando, Florida

March 11–13  
**Advanced Surgical Techniques in Implantology**  
**Code AST 101** **Page 28**  
Location: Paris, France

March 12–14  
**Implant Therapy in the Esthetic Zone**  
**Code AT1006** **Page 11**  
Location: Los Angeles, California

## MARCH (continued)

March 18–20  
**Surgical Review of Implant Dentistry**  
**Code AT1021** **Page 12**  
Location: Rochester, New York

March 25–27  
**Computer Guided Implantology**  
**Code AT1007** **Page 19**  
Location: Houston, Texas

## APRIL

April 9–11  
**Implant Therapy in Compromised Sites**  
**Code AT1008** **Page 13**  
Location: Los Angeles, California

April 10  
**Virtual Abutment Design Drives Outcomes and Productivity**  
**Code AT1004** **Page 20**  
Location: New York, New York

April 12–14  
**Dental Implants: Comprehensive and Advanced Treatment Planning**  
**Code AT1009** **Page 14**  
Location: St. Petersburg, Florida

April 30–May 1  
**Astra Tech 25<sup>th</sup> Anniversary Tour: Implant Dentistry — Past, Present and Future**  
**Code AT1012** **Page 23**  
Location: Montreal, Quebec

## MAY

May 6–7  
**Contemporary Implant Prosthodontics**  
**Code CIP 101** **Page 27**  
Location: Mölndal, Sweden

May 8  
**Virtual Abutment Design Drives Outcomes and Productivity**  
**Code AT1004** **Page 20**  
Location: Garden Grove, California

## MAY (continued)

May 19–20  
**Grow Your Implant Practice by 200 Implants in the Next Year**  
**Code AT1020** **Page 21**  
Location: Chicago, Illinois

## JUNE

June 5  
**Utilizing Technology to Achieve Optimal Esthetic Results**  
**Code AT1013** **Page 6**  
Location: Ft. Lauderdale, Florida

June 10–11  
**Treatment Planning — Express Your Opinion**  
**Code TPE 101** **Page 29**  
Location: Mölndal, Sweden

June 11–13  
**Advanced Implant Restoration**  
**Code AT1011** **Page 7**  
Location: Los Angeles, California

June 18–19  
**Astra Tech 25<sup>th</sup> Anniversary Tour: Implant Dentistry — Past, Present and Future**  
**Code AT1014** **Page 24**  
Location: Vancouver, British Columbia

## JULY

Please visit [www.astratechdental.com](http://www.astratechdental.com) for the most up-to-date course listings.

## AUGUST

August 21  
**Implant Dentistry: A Surgical and Restorative Perspective**  
**Code AT1015** **Page 15**  
Location: Ft. Lauderdale, Florida

## SEPTEMBER

Please visit [www.astratechdental.com](http://www.astratechdental.com) for the most up-to-date course listings.

## OCTOBER

October 1  
**"Is it just me?" — Esthetics, Provisionals and Temporization Hands-on Course**  
**Code AT1016** **Page 8**  
Location: Iowa City, Iowa

October 14–16  
**Advanced Surgical Techniques in Implantology**  
**Code AST 102** **Page 28**  
Location: Paris, France

October 21–23  
**Advanced Dental Implant Surgical and Prosthodontic Therapy**  
**Code AT1022** **Page 16**  
Location: Rochester, New York

October 22–23  
**Astra Tech 25<sup>th</sup> Anniversary Tour Implant Dentistry — Past, Present and Future**  
**Code AT1017** **Page 25**  
Location: Toronto, Ontario

## NOVEMBER

November 11–12  
**Grow Your Implant Practice by 200 Implants in the Next Year**  
**Code AT1020** **Page 21**  
Location: Chicago, Illinois

November 11–13  
**Dental Implants: Comprehensive and Advanced Treatment Planning**  
**Code AT1018** **Page 14**  
Location: Chesapeake, Virginia

November 12–13  
**Implant 2.0 — Principles and Practice for Immediate Loading of Dental Implants**  
**Code AT1019** **Page 17**  
Location: Chapel Hill, North Carolina

## DECEMBER

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# ATLANTIS™

## Patient-specific abutments for all major implant systems



*Courtesy of Dr. Steve Lewis and Dr. Julian Osario*

Whether you are using implants from:

Astra Tech  
BioHorizons  
Biomet 3i  
Keystone,  
Nobel Biocare  
Straumann  
Sybron Implant Solutions  
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— Atlantis™ is the best solution for cement-retained implant prosthetics.

By utilizing the unique Atlantis VAD™ (Virtual Abutment Design) software, the abutments are individually designed from the final tooth shape for optimal function and esthetics.

Atlantis offers the following advantages:

- **Outstanding function and esthetics**
  - as close to natural teeth as you can get
- **Simple restorative procedure with reduced chairtime**
  - just take an impression and send it to your dental laboratory
- **Eliminates need for inventory of stock abutments**
- **Platform-independent and available in your choice of titanium, gold-shaded titanium, and two shades of zirconia.**

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# Registration form

Register by mail, phone, fax or online.

**Mail:** Astra Tech, 590 Lincoln Street, Waltham, MA 02451

**Phone:** 800-531-3481

**Fax:** 781-810-6807

**Online:** www.astratechdental.com

**E-mail:** education.usbo@astratech.com

*Please print in capital letters.*

\_\_\_\_\_  
Title

\_\_\_\_\_  
First name

\_\_\_\_\_  
Last name

\_\_\_\_\_  
Office address

\_\_\_\_\_

\_\_\_\_\_  
Country

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Cell phone

\_\_\_\_\_  
E-mail

**Your specialty/profession:**

- Oral Surgeon
- Periodontist
- Prosthodontist
- General practitioner
- Dental technician
- Auxiliary
- Other, please specify: \_\_\_\_\_

**Total number of implant patients treated:**

- 0-5    5-20    20-50    50-100    100+

**Experience with Astra Tech Implant System™:**

- Yes    No

\_\_\_\_\_  
Course name Course code

\_\_\_\_\_  
Course date Course fee

Methods of payment    Master Card    American Express    Visa

\_\_\_\_\_  
Credit card number Expiration date (month/year)

\_\_\_\_\_  
Invoice address

\_\_\_\_\_  
Date Signature

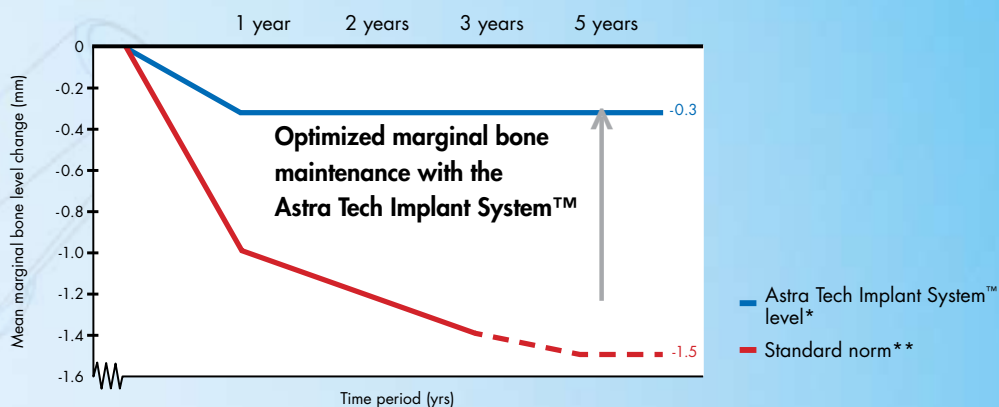


# Time to challenge old truths

## Astra Tech Implant System™ – setting a new standard

**How do you achieve optimal long-term treatment outcomes for your patients?** The standard norm regarding dental implant treatment success from 1986 does not reflect what is possible to achieve today. There are no reasons why the clinician or the patient

should accept a marginal bone loss of up to 1.5 millimeters based on a standard set 20 years ago. It has been proven in study after study that with the Astra Tech Implant System™ the mean marginal bone level reduction is only 0.3 millimeters over five years.



\* Astra Tech Implant System™ level based on data from more than 40 published articles presenting radiological data; literature search April 2008

\*\* Standard norm according to:

Albrektsson T., et al., Int J Oral Maxillofac Implants 1986;1(1):11-25

Albrektsson T. and Zarb G.A., Int J Prosthodont 1993;6(2):95-105

Roos J., et al., Int J Oral Maxillofac Implants 1997;12(4):504-514

### Isn't it time to upgrade?

The unique design of the Astra Tech Implant System™ helps to optimize marginal bone maintenance.

**WHY SETTLE FOR LESS?**

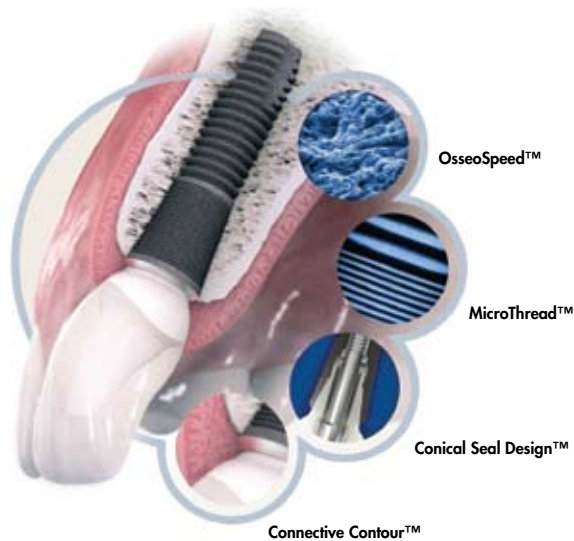


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# Astra Tech BioManagement Complex™



A successful implant system cannot be determined by one single feature alone. Just as with nature, there must be several interdependent features working together. The following combination of key features is unique to Astra Tech:

- **OsseoSpeed™** — more bone, more rapidly
- **MicroThread™** — biomechanical bone stimulation
- **Conical Seal Design™** — a strong and stable fit
- **Connective Contour™** — increased soft tissue contact zone and volume

