

A world of inspiration

GLOBAL EDUCATION PROGRAM 2012-2013



INSPIRATION BREEDS INSPIRATION

With a constant stream of new scientific discoveries, clinical reports and innovations, keeping up with the world of dental implants is challenging. So we have teamed up with clinical centers and universities all over the world to design a range of training courses on the latest advances.

Our learning concept often includes lectures with prominent specialists blended with live surgery, video demonstrations and hands-on training. Theory put into practice so you can use your new knowledge faster and more effectively.

But we hope our courses go beyond knowledge. We hope you will be inspired to find new ways of approaching everyday work situations. And new ways to inspire your team members. Inspiration breeds inspiration.

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Welcome to the Global Education Program 2012–2013

WORLD OF PIRATION



www.astratechdental.com

 **ASTRATECH
DENTAL**
Get inspired

The attention you deserve

Having world-renowned professors, specialists and clinicians as teachers is only one part of truly top-class training. It's also about giving attendees a great learning experience.

To help you get the most out of your training we offer courses at different levels, in different languages and at more than 500 locations worldwide. We frequently provide opportunities for you to assist actual procedures. And to make sure you get the attention you deserve, there is a set limit to the number of attendees at many of our courses.

To find out more about the training opportunities where you are, please visit astratechdental.com.

Course levels

Basic courses



For all members of the dental team with little or no knowledge of implant treatment.

Intermediate courses



For all members of the dental team with basic knowledge of implant treatment (i.e. have participated in a basic course and gained some clinical experience).

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 more about advanced treatment protocols.

Course categories

- IMPLANT SURGERY
- IMPLANT PROSTHETICS
- IMPLANT SURGERY & PROSTHETICS
- COMPUTER GUIDED IMPLANT TREATMENT
- LABORATORY TECHNIQUES
- SEMINAR

Range of courses

Global and local education programs collectively offer a wide selection of courses. Make sure to visit astratechdental.com regularly to check out all our available courses, and continuous program updates.

Course completion

After the course you will receive a diploma signed by the main speakers. You may also contact your local market representative for CE Credits.

Course registration

Register online (www.astratechdental.com)



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Implant surgery in difficult cases



If you are involved in implant surgery and have prior experience from implant rehabilitation, this is a course for you.

It is always a challenge to solve cases with limited bone volume and/or poor bone quality without bone grafting procedures. In this course, live surgery illustrating implant installation procedures is in focus. You will be able to assist and experience the advantage with Astra Tech implant design allowing a conventional surgical technique without bone grafts. Biomechanical aspects on implant positioning as well as risk factors in implant treatment are presented and discussed.

When and where?

April 19-20, 2012

April 25-26, 2013

Dept. of Oral and Maxillofacial Surgery, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Gothenburg, Sweden

Lecturers

Sanjiv Karanagaja, DDS, PhD, Dept. of Oral and Maxillofacial Surgery, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Lars Rasmusson, DDS, PhD, Professor, Dept. of Oral and Maxillofacial Surgery, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Mats Wallström, DDS, PhD, Clinical Director, Dept. of Oral and Maxillofacial Surgery, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Anders Örtorp, DDS, PhD, Associate Professor, Specialist in Prosthodontics, Dept. of Prosthetic Dentistry/Dental Material Science, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Course content

Lectures

- Anatomical considerations in implant surgery
- One-stage vs. two-stage surgery
- Risk factors in implant treatment
- Biomechanical aspects of implant positioning

Live surgery*

(Implant surgical protocol avoiding bone grafting procedures)

- Implant surgery in the posterior maxilla
- Single tooth implant surgery with reduced bone volume
- Implant surgery in the posterior mandible
- Implant surgery in the thin maxilla

*Subject to minor changes

Visit www.astratechdental.com for more information about the speakers and a detailed program.

Learn how to use conventional surgical techniques to solve cases with limited bone volume.



Target group: Doctors
Duration: 2 days
Participants: Min. 6, max. 7
Course fee: SEK 13,600 ex. VAT
Included in fee: Course material, diploma, coffee, lunches and one dinner
Language: English
Code: April 2012: ISD121, April 2013: ISD131
Registration: www.astratechdental.com/courses

Advanced implant surgery

with focus on different bone grafting procedures



If you are surgically experienced, and involved in bone grafting procedures, this course will increase your knowledge of the various bone grafting techniques available today.

Surgical solutions in severely resorbed jaws and indications for different bone grafting procedures including distraction osteogenesis will be presented and discussed. The course includes lectures and live surgery with opportunities for the participants to assist.

When and where?

March 14-16, 2012

April 10-12, 2013

Dept. of Oral and Maxillofacial Surgery, Center of Head and Orthopaedics, Copenhagen University Hospital, Rigshospitalet, Copenhagen, Denmark

Lecturers

Søren Hillerup, DDS, Dr. Odont., PhD, Professor, Dept. of Oral and Maxillofacial Surgery, Centre of Head and Orthopaedics, Rigshospitalet, University of Copenhagen, Denmark

Thomas Kofod, DDS, PhD, Director and Consultant Oral and Maxillofacial Surgeon, Dept. of Oral and Maxillofacial Surgery, Centre of Head and Orthopaedics, Rigshospitalet, University of Copenhagen, Denmark

Ole Schwartz, DDS, PhD, Consultant Oral and Maxillofacial Surgeon, Dept. of Oral and Maxillofacial Surgery, Centre of Head and Orthopaedics, Rigshospitalet, University of Copenhagen, Denmark

Simon Storgaard Jensen, DDS, Consultant Maxillofacial Surgeon, Glostrup Hospital, University of Copenhagen, Denmark

Nils Worsaae, DDS, Consultant Oral and Maxillofacial Surgeon, Dept. of Oral and Maxillofacial Surgery, Centre of Head and Orthopaedics, Rigshospitalet, University of Copenhagen, Denmark

Course content

Lectures

- Biology of bone grafting, morphology and function
- Intra- and extra oral donor sites, bone harvest, quantity and quality of graft material, donor site morbidity
- Ridge augmentation in the mandible and maxilla, indication, technique and pitfalls
- Sinus floor augmentation
- Osteodistraction in alveolar augmentation
- Major reconstruction, free bone grafts and microvascular flaps with simultaneous implant placement
- Bone grafting material and growth factors
- Implants in patients with hypodontia – Surgical aspects

Live surgery*

- Alveolar distraction, immediate (sandwich technique) or conventional technique
- Ridge enhancement with autologous bone graft, mandible and/or maxilla
- Harvest of bone graft from intraoral donor site
- Sinus floor augmentation +/- simultaneous implant installation

*Subject to minor changes

Visit www.astratechdental.com for more information about the speakers and a detailed program.

Experience the complete range of bone grafting techniques from intraoral donor sites.



Target group:	Doctors
Duration:	3 days
Participants:	Min. 6, max. 7
Course fee:	SEK 16,900 ex. VAT Included in fee: Course material, diploma, coffee, lunches and one dinner
Language:	English
Code:	April 2012: AIS121, April 2013: AIS131
Registration:	www.astratechdental.com/courses

Sinus augmentation

with focus on procedures without the use of graft material



A course for you with some experience in advanced implant surgery procedures.

This two-day theoretical and practical program will enhance your knowledge of the different sinus elevation techniques available today. Special focus will be paid to augmentation of the maxillary sinus without the use of grafting material, a procedure that has been practised at this center for almost 10 years. Participants will learn how to regenerate bone in the sinus floor around simultaneously placed implants. Scientific background and long-term results on the different procedures will be presented and discussed in a small group of colleagues together with the hosting surgeons.

When and where?

March 29-30, 2012

Department of Oral and Maxillofacial Surgery,
Uppsala University Hospital, Uppsala, Sweden

Lecturers

Andreas Thor, DDS, PhD, Consultant Oral and Maxillofacial Surgeon,
Department of Oral and Maxillofacial Surgery, Uppsala University Hospital,
Uppsala, Sweden

Petter Gavelin, DDS, Consultant Oral and Maxillofacial Surgeon,
Department of Oral and Maxillofacial Surgery, Uppsala University Hospital,
Uppsala, Sweden

Visit www.astratechdental.com for more information about the speakers and a detailed program.

Course content

Lectures

- Anatomy
- Augmentation in the posterior maxilla
 - Surgical techniques and indications
- Maxillary sinus augmentation without the use of bone/bone substitutes
 - Surgical techniques and indications
- Why does bone regenerate around implants in the sinus floor?
- Does the biomaterial/implant play a role?
- Long term follow-up research data on different augmentation techniques
- Case presentation
 - How far can you reach, are there any limitations?

Workshop

- Treatment planning on complex cases

Live surgery*

- Sinus lift with use of osteotome technique
- Local sinus lift without the use of graft material
- Unilateral sinus lift without the use of graft material
- Bilateral sinus lift without the use of graft material

*Subject to minor changes

Gain insight into the full range
of sinus elevation techniques
available today.



Target group: Doctors
Duration: 2 days
Participants: Min. 6, max. 7
Course fee: SEK 14,100 ex. VAT
Included in fee: Course material, diploma,
coffee, lunches and one dinner
Language: English
Code: SAP 121
Registration: www.astratechdental.com/courses

Advanced surgical techniques in implantology



For doctors experienced in implant surgery who wish to extend their knowledge and skills into more advanced surgical procedures.

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?

April 19-21, 2012

Faculty of Medicine, University of Paris, Paris, France

Lecturers

David Abensur, DDS, Dept. of Oral Implantology, University of Corsica, France and Private Implant Dentistry Practice, Paris, France

Pascal Valentini, DDS, Dept. of Oral Implantology, University of Corsica, France and Private Implant Dentistry Practice, Paris, France

Visit www.astratechdental.com for more information about the speakers and a detailed program.

In cooperation with:



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 and surgical technique
 - Complications
 - Long-term results
 - Future developments

Video demonstrations

- Dissection of the cheek in order to identify sensitive structures such as the facial artery, the facial vein, the buccal nerve, sub mental artery, etc.
- Immediate implant placement in extraction sites and immediate provisionalization in different types of defects (circumferential and buccal defects)
- Bone harvesting from the chin and the ramus area
- Dissection of mental nerve
- Onlay graft technique in the anterior maxilla
- Maxillary sinus grafting
- Dissection of lingual nerve

Hands-on training on cadavers

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

Identify sensitive structures and learn advanced implant surgery techniques during hands-on sessions.



Target group:	Doctors
Duration:	3 days
Participants:	Max. 20
Course fee:	EUR 2,300 Included in fee: Course material, diploma, coffee and lunches
Language:	English
Code:	AST121
Registration:	www.astratechdental.com/courses

Simultaneous placement of dental implants and sinus lifting with xenograft



If you have achieved knowledge and skills in conventional implant surgery and wish to move one step further in your clinical profession, you should not miss this full day course.

Placing dental implants in the posterior maxilla with poor bone quantity due to extension of the maxillary sinus can be a safe and predictable procedure.

In this course, the technique of open sinus lift and simultaneous implant placement in the posterior maxilla will be presented. Live surgery demonstration as well as hands-on exercise on stereo-model and didactic discussions will guide the participants through the procedure. The choice of different materials and bone harvesting techniques will be discussed.

When and where?

September 21, 2012

Hong Kong Branemark Osseointegration Centre,
The Centre, 99 Queen's Road Central, Hong Kong

Lecturers

Philip Lee Kin Man, BDS, MDS (OMS), FFDRCSI, FRACDS, FCDSHK (OMS), FHKAM (DS), Honorary Associate Professor in Oral and Maxillofacial surgery, University of Hong Kong and School of Stomatology, Shanghai Jiao Tong University and Director of Hong Kong Branemark Osseointegration Centre and Dental Implant & Maxillofacial Centre, Hong Kong

Edmond Pow, BDS, MDS (Prosthetic Dent), PhD, FRACDS, FCDSHK (Pros), FHKAM (Dental Surgery), Associate Professor and Postgraduate Programme Director in Oral Rehabilitation, Faculty of Dentistry, University of Hong Kong

Visit www.astratechdental.com for more information about the speakers and a detailed program.

Course content

Lectures

- Open sinus lift
 - Indications
 - Surgical techniques - simultaneous vs. staged implant placement
 - Choice of bone graft
 - Long term results
 - Complications
- Closed sinus lift
 - Indications
 - Surgical techniques
 - Complications
- Managing prosthodontic complications of implant therapy in your practice

Live surgery*

- Simultaneous sinus grafting with bone substitutes and dental implant placement

Hands-on workshop

- Maxillary sinus grafting in stereo-model

*Subject to minor changes

Adapt techniques and optimize use of graft materials to achieve predictable implant results.



Target group:	Doctors
Duration:	1 day
Participants:	Min. 8, max. 12
Course fee:	EUR 888
	Included in fee: Course material, diploma, refreshments and lunch
Language:	English
Code:	SPD121
Registration:	www.astratechdental.com/courses

Bone augmentation procedures related to dental implants



This course is an excellent choice if you have experience in conventional implant surgery and an interest in advanced surgical techniques.

Sinus lift and onlay bone grafting procedures are in main focus. Lecturers and live surgery, with the opportunity to assist, will illustrate the different techniques available to enhance the bone volume. Implant installations in bone-grafted cases will also be demonstrated. Clinical and experimental studies on various bone grafting procedures and prosthodontic solutions will be presented and discussed.

When and where?

October 4-5, 2012

Dept. of Oral and Maxillofacial Surgery, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Gothenburg, Sweden

Lecturers

Sanjiv Karanagaja, DDS, PhD, Dept. of Oral and Maxillofacial Surgery, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Göran Kjeller, DDS, PhD, Associate Professor, Dept. of Oral and Maxillofacial Surgery, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Lars Rasmusson, DDS, PhD, Professor, Dept. of Oral and Maxillofacial Surgery, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Mats Wallström, DDS, PhD, Clinical Director, Dept. of Oral and Maxillofacial Surgery, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Anders Örtorp, DDS, PhD, Associate Professor, Specialist in Prosthodontics, Dept. of Prosthetic Dentistry/Dental Material Science, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Course content

Lectures

- Anatomy and patient selection
- Surgical considerations
 - Indications
 - Different surgical techniques
 - Donor and recipient sites
- Clinical and experimental studies on different bone grafting procedures
- Biomechanics and prosthodontics in grafted cases
- Major grafting cases

Live surgery*

- Sinus lifting cases
- Implant surgery in bone-grafted cases
- Minor onlay grafting cases

*Subject to minor changes

Visit www.astratechdental.com for more information about the speakers and a detailed program.

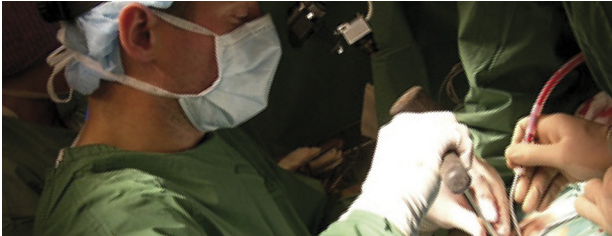
Extend your skills to cover minor bone grafting procedures.



Target group:	Doctors
Duration:	2 days
Participants:	Min. 6, max. 7
Course fee:	SEK 13,600 ex. VAT Included in fee: Course material, diploma, coffee, lunches and one dinner
Language:	English
Code:	AIS122
Registration:	www.astratechdental.com/courses

Advanced implant surgery

with focus on maxillary reconstruction with or without bone substitute



If you are surgically experienced and involved in implant treatment, this is a course for you.

It presents different surgical solutions for the severely resorbed maxilla, focusing on reconstruction with or without bone substitute. Various donor sites will be illustrated and discussed. Lectures and live surgery with the opportunity for the participants to assist are the primary focus of the course. Results from clinical studies will be presented.

When and where?

November 21-23, 2012

Dept. of Oral and Maxillofacial Surgery, Gävle County Hospital, Gävle, Sweden

Lecturers

Hartmut Feldmann, DDS, Consultant, Oral and Maxillofacial Surgeon, Dept. of Oral and Maxillofacial Surgery, Gävle County Hospital, Sweden

Mats Hallman, DDS, PhD, Associate Professor, Consultant, Oral and Maxillofacial Surgeon, Director Maxillofacial Unit, Gävle County Hospital, Sweden

Arne Mordenfeld, DDS, Consultant, Oral and Maxillofacial Surgeon, Dept. of Oral and Maxillofacial Surgery, Gävle County Hospital, Sweden

Tomas Strandkvist, DDS, Consultant, Oral and Maxillofacial Surgeon, Dept. of Oral and Maxillofacial Surgery, Gävle County Hospital, Sweden

Course content

Lectures

- Bone biology and anatomy
- Surgical considerations
 - Indications/contraindications
 - Techniques
 - Donor and recipient sites
 - Complications
- Bone substitutes

Live surgery*

- Lateral bone augmentation with bone or bone substitute
- Sinus floor augmentation with bone substitute and simultaneous implant installation
- Implants and augmentation in the ethetic zone

*Subject to minor changes

Visit www.astratechdental.com for more information about our speakers and a detailed program.

Get a thorough understanding of the benefits of using bone substitute.



Target group: Doctors
Duration: 3 days
Participants: Min. 5, max. 6
Course fee: SEK 14,500 ex. VAT.
Included in fee: Course material, diploma, coffee, lunches and one dinner
Language: English
Code: AIS123
Registration: www.astratechdental.com/courses

Advanced implant prosthodontics



For dental professionals with experience in implant restoration who wish to expand their abilities and simplify procedures.

Restorative solutions are best directed from diagnostic procedures. One approach to this concept will be illustrated and reinforced through laboratory demonstrations (exercises) involving single tooth, fixed dental prostheses and full arch models. Instructional lectures illustrating clinical procedures and related laboratory demonstrations (exercises) will be combined to provide knowledge of the principles needed for prosthetic success using implants.

When and where?

November 29-30, 2012

Astra Tech Conference Center for
Training & Education, Mölndal, Sweden

Lecturers

Lyndon Cooper, DDS, PhD, Stallings Distinguished Professor of Dentistry, Dept. of Prosthodontics, University of North Carolina, USA

Fernando Rojas-Vizcaya, DDS, MS, Founder of the Mediterranean Prosthodontics Institute in Castellon, Spain, Adjunct Assistant Professor, Dept. of Prosthodontics, University of North Carolina at Chapel Hill, North Carolina, USA

Course content

Lectures

- Diagnostic rules – a simple approach
- Merging biology and technology through planning
- Provisionalization – control of soft tissue form and health
- The cement “problem” and how to prevent this
- Abutment selection and management
- Case presentations
- Plan your case – open discussion of participants cases

Laboratory demonstrations

- Combining information from CBCT and diagnostic waxing
- Ideal provisionalization strategies
 - Screw retained
 - Cement retained
- Abutment and implant impression techniques simplified.

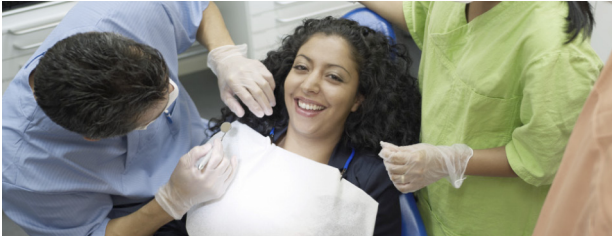
Visit www.astratechdental.com for more information about our speakers and a detailed program.

Increased confidence using diagnostic abilities to plan and execute excellent implant prostheses.



Target group: Doctors
Duration: 2 days
Participants: Min. 20
Course fee: SEK 12,900 ex. VAT
Included in fee: Course material, diploma, coffee, lunches and one dinner
Language: English
Code: AIP121
Registration: www.astratechdental.com/courses

Advanced implant protocols



A variety of clinical scenarios may present, 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 is 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 implants in patients. An evidence-based 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?

April 13-15, 2012

University of Southern California, Los Angeles, California, USA

Lecturers

Domenico Cascione, CDT, Research Associate at the Center of Dental Technology, University of Southern California School of Dentistry, California, USA

Fernando Rojas-Vizcaya, DDS, MS, Founder of the Mediterranean Prosthodontics Institute in Castellon, Spain, Adjunct Assistant Professor, Department of Prosthodontics, University of North Carolina at Chapel Hill, North Carolina, USA

Homa Zadeh, DDS, PhD, Associate Professor and Chair, Dept. of Periodontics, University of Southern California School of Dentistry, California, USA

Course content

- 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 vs. staged implant placement
- Application of CAD/CAM in abutment and restoration fabrication
- Provisional options and techniques
- Prosthetic complications and their management
- Laboratory techniques and procedures

Hands-on workshop and live surgery demonstration

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

For more information, visit www.astratechdental.com or contact the USC CE Department at +1-213-821-2127 or visit www.uscdentalce.org

Gain practical experience in complex implant surgery and prosthetics, including guided surgery, immediate loading and full arch restorations.



Target group:	The dental team
Duration:	3 days
Participants:	Max. 40
Course fee:	Before March 15: USD 1,995 After March 15: USD 2,195
Language:	English
Code:	AT1203
Registration:	www.astratechdental.com/courses

Overdenture therapy, a way to build your practice in difficult economic times



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 in-depth practical information that will include treatment planning, indications and contraindications to implant therapy, surgical implant placement, loading protocols followed by clinical and laboratory steps needed to reline and/or the intraoral refitting of existing dentures with overdenture attachments. There will also 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 be discussed.

When and where?

April 21, 2012

The University of Iowa College of Dentistry,
Iowa City, IA, USA

Lecturers

Steve Clark, DDS, Associate Professor, Dept. of Periodontics, University of Iowa College of Dentistry, Iowa, USA

Emad Estafanous, BDS, MSD, Assistant Professor, Dept. of Prosthodontics, University of Iowa College of Dentistry, Iowa, USA

David Gratton, DDS, MS, Assistant Professor and Clinical Director, Center for Implant Dentistry, University of Iowa College of Dentistry, Iowa, USA

Clark Stanford, DDS, PhD, Associate Dean for Research and Centennial Fund Professor for Clinical Research, Dows Institute for Dental Research and Department of Prosthodontics, University of Iowa College of Dentistry, Iowa, USA

Chris Barwacz, DDS, Assistant Professor, Dept. of Prosthodontics and Dows Institute, University of Iowa College of Dentistry, Iowa, USA

Charlie Ringgold, BS, DDS, Clinical Professor, Dept. of Oral and Maxillofacial Surgery, University of Iowa College of Dentistry, Iowa, USA

Residents in the post-graduate program in Oral and Maxillofacial Surgery, Periodontics and Prosthodontics

Course content

After 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 reline 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.

*For more information visit www.astratechdental.com
For registration info, go to: www.dentistry.uiowa.edu/ce
or call +1 319-335-7166*

Supported by an unrestricted educational grant from Astra Tech.

Practical hands-on course
to manage the mandibular
overdenture therapy.



Target group:	Doctors
Duration:	1 day
Participants:	Max. 25
Course fee:	USD 415
Language:	English
Code:	AT 1205
Registration:	www.astratechdental.com/courses

Treatment options in implant dentistry

from standard protocol to more advanced techniques



This course is suitable for professionals with some experience in implantology who would like to extend their knowledge and skills into more advanced implant treatment protocols and procedures. Different surgical techniques, from standard protocols and immediate implant placement to advanced implant surgery will be presented and discussed.

A combination of lectures, live surgeries and a clinical demonstration on immediate temporization makes this course attractive and dynamic.

When and where?

September 27-28, 2012

I-med Clinic for Dental Implantology and Esthetic Surgery, Zagreb, Croatia

Lecturers

Damir Jelušić, DDS, Periodontist, Private Clinic for Periodontology, Dental Implantology and Esthetic Dentistry, Opatija, Croatia

Marko Krmpotić, DDS, MSc, Oral Surgeon, I-med Clinic for Dental Implantology and Esthetic Surgery, Zagreb, Croatia

Visit www.astratechdental.com for more information about the speakers and a detailed program.

Course content

Lectures

- Biology and anatomy of edentulous jaws and maxillary sinus
- Surgical principles
 - One- and two-stage surgery
 - Immediate and delayed implant placement
 - Immediate and early loading
- Computer guided surgery with Facilitate™
- Demonstration of Facilitate software
 - 3D visualization with Facilitate
 - Computer planning with Facilitate
- Case presentations
- Prosthetic and clinical aspects in the treatment of edentulous patients
- Bone augmentation techniques
- Surgical techniques in posterior maxilla
 - Osteotome technique
 - Sinus lift procedure – open technique
- Immediate vs. delayed implant placement
 - Clinical and esthetical aspects
- Abutment selection, their properties and limitations

Live surgery*

- Implant placement with Facilitate surgical guide
- Implant placement in posterior maxilla
 - Osteotome technique
 - Short implants (6mm) placement in atrophic lower jaw
- Sinus lift – open technique

Patient demonstration

- Temporary bridge fixation

*Subject to minor changes

Get the full scope of different implant treatment options from standard to more advanced procedures.



Target group: Doctors
Duration: 2 days
Participants: Min. 7, max. 10
Course fee: SEK 13,200 ex. VAT
Included in fee: Course material, diploma, coffee, lunches and one dinner
Language: English
Code: TO1121
Registration: www.astratechdental.com/courses

Advanced implant dentistry



This comprehensive course will give you detailed knowledge of current clinical concepts and research data. Patient assessment and treatment strategies for advanced cases are presented. Lectures and live demonstrations will illustrate ridge preservation techniques, implant selection and placement as well as subsequent healing times and prosthetic protocols, all with special focus on esthetics. Bone and soft tissue regenerative procedures will be discussed in an evidence-based approach. Guidelines for the choice of restorative materials including fabrication of CAD/CAM reconstructions will be provided.

When and where?

November 15-17, 2012

May 2-4, 2013

Clinic for Fixed and Removable Prosthodontics and Dental Material Science, Vice-Dean Medical Faculty for the Center of Dental Medicine, University of Zurich, Switzerland

Lecturers

Christoph H.F. Hämmerle, Prof. Dr. med. dent., Chairman

Goran I. Benic, Dr. med. dent., Assistant Professor

Ronald E. Jung, PD Dr. med. dent., Associate Professor and Vice Chairman

Irena Sailer, Dr. med. dent., Associate Professor

David Schneider, Dr. med. med. dent., Assistant Professor

Daniel S. Thoma, Dr. med. dent., Assistant Professor

Mutlu Özcan, Prof. (NL), Dr. med. dent., PhD

Visit www.astratechdental.com for more information about the speakers and a detailed program.

Course content

Lectures

- Contemporary implant dentistry: state research and clinics
- Initial patient assessment and treatment strategy
- Tissue integration: what are the critical issues today
- Ridge preservation: emerging concepts and techniques
- Timing for implant placement into extraction sockets
- Computer assisted implant surgery/reconstruction
- Decision tree and clinical procedures for success with GBR
- Immediate implant placement: practical and theoretical issues
- Appropriate healing times in various clinical situations
- Ceramic or metal abutments in esthetic and non-esthetic sites
- Immediate, early or conventional loading protocols
- Ceramic, metal, composites: election of reconstructive material
- Crown fabrication: CAD/CAM or conventional technology
- Fixation of reconstruction: cement, screw, meso-structure
- Long-term outcomes: what to expect from the future
- Case discussions

Live demonstrations

- Anterior implant placement: the esthetic challenge
- Abutment fabrication by digital means
- Soft tissue conditioning: novel approaches
- Fixation of a crown

Hands-on training

- Implant placement in esthetic indications (plastic model)
- Implant placement with GBR (pig jaw extraction site model)

Learn best-practice patient assessment and treatment strategies for advanced cases with a focus on esthetics.



Target group:	Doctors
Duration:	3 days
Participants:	Min. 20, max. 35
Course fee:	CHF 3,600
	Included in fee: Course material, diploma, coffee, lunches and one dinner
Language:	English
Code:	Nov 2012: AID121, May 2013: AID131
Registration:	www.astratechdental.com/courses

Implant treatment in difficult cases



This is a two-day course suited for anyone who has experience in implant dentistry but who wishes to extend his or her experience into more complex clinical cases.

Various surgical techniques will be illustrated through lectures and hands-on workshops on animal jaws. The prosthetic restoration, as well as soft tissue considerations related to the complex case, will be presented and discussed. Furthermore, you may bring one of your own complex clinical cases to the treatment planning workshop.

When and where?

December 3-4, 2012

LonDEC, King's College London, London, United Kingdom

Lecturers

Kalpesh A Bavisha, BDS, MSc, FDS RCPS (Glasg), Consultant in Restorative Dentistry, Guy's and St Thomas' NHS Foundation Trust, London, United Kingdom

Leslie Howe, BDS, FDS, RCS, Head of Conservative Dentistry, King's College London Dental Institute, Guy's Hospital, London, United Kingdom

Paul Palmer, BDS, MRD, RCS, Consultant in Implant Surgery and Specialist in Periodontics, Dept. of Periodontology, King's College London Dental Institute, Guy's Hospital, London, United Kingdom

Richard Palmer, BDS, FDS, RCS, PhD, Professor of Implant Dentistry and Periodontology, Dept. of Periodontology, King's College London Dental Institute, Guy's Hospital, London, United Kingdom

Course content

Lectures

- Introduction and risk factors
- Treatment planning presentations
- Treatment planning of cases – workshop
- Presentations of cases and discussion
- Restoring complex cases
 - Customized abutments
 - Ceramic abutments
 - Tooth/implant reconstructions
 - Soft tissue control through prosthodontics
- Implant supported overdentures
- Treatment planning and discussion
- Surgical techniques 1
 - Peri-implant soft tissues
 - Immediate extraction and installation
 - Early and immediate loading
- Surgical techniques 2
 - Bone augmentation
 - Soft tissue augmentation
 - Surgical complications

Hands-on training on pig jaws

- Implant site development in soft bone surgery
- Immediate implant installation
- Osteotome technique
- Soft tissue surgery

Visit www.astratechdental.com for more information about the speakers and a detailed program.

Improve and develop complex surgical techniques in a hands-on workshop on pig jaws and enhance treatment planning skills.



Target group: Doctors
Duration: 2 days
Participants: Min. 7, max. 8
Course fee: SEK 14,800 ex. VAT
 Included in fee: Course material, diploma, coffee, lunches and one dinner
Language: English
Code: ITD121
Registration: www.astratechdental.com/courses

Current concepts in implant dentistry

– from science to clinical practice



The objective of this course is to update the general dentist and the specialist in the latest advances in the field of implant dentistry, especially in the treatment of the periodontally susceptible patient.

We will review the scientific evidence on important aspects of clinical decision making such as whether to maintain or extract a periodontally compromised tooth. Data from clinical research with evidence derived from selected clinical cases will be presented to illustrate the process of treatment planning and how and when to extract and replace the tooth with a dental implant. Data will also be presented on the risks associated with implant therapy in periodontally susceptible patients and we will illustrate with clinical cases how to prevent and how to manage peri-implant infections.

When and where?

February 28 - March 1, 2013

Astra Tech Conference Center for
Training & Education, Mölndal, Sweden

Lecturers

Jan Lindhe, DDS, PhD, Professor, Dept. of Periodontology, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Mariano Sanz, DDS, PhD, Professor, Dept. of Periodontology, Facultad de Odontología, Universidad Complutense de Madrid, Spain

Jan Wennström, DDS, PhD, Professor, Dept. of Periodontology, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Visit www.astratechdental.com for more information about the speakers and a detailed program.

Course content

Different surgical protocols will be reviewed, such as the placement of implants in fresh extraction sockets and the immediate functional loading of implants. The biological processes characteristic of both healing situations will be presented as well as how these principles can be translated into a successful clinical outcome. Finally, the basic principles of achieving esthetically restorative results will be discussed in relation to the application of surgical approaches to both soft and hard tissues.

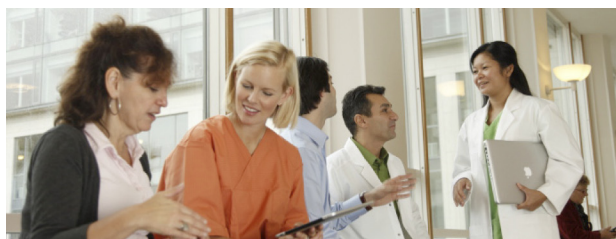
- The periodontally compromised dentition - extraction vs. periodontal treatment
 - Examination
 - Diagnosis
 - Treatment planning
- Tooth extraction – immediate implant placement
 - Ridge alteration
 - Gap healing
 - Clinical management
- Implants in the periodontally compromised patient
 - Treatment planning strategies
 - How to avoid complications
 - Peri-implantitis
 - Diagnostics and treatment
- Esthetic considerations
 - Biotypes – tissues
 - Basic principles
 - Clinical management
- Maintenance for patients restored with implants
 - Peri-implant disease
 - Diagnosis and risk factors
 - Follow-up strategies

Update your knowledge of the latest advances in implant dentistry including the treatment of periodontally susceptible patients.



Target group: Doctors
Duration: 2 days
Participants: Min. 30
Course fee: SEK 5,800 ex. VAT
Included in fee: Course material, diploma, coffee, lunches and one dinner.
Language: English
Code: CCI131
Registration: www.astratechdental.com/courses

Express your opinion – an interactive seminar in treatment planning



In daily practice the clinician needs to make decisions with respect to strategies and the 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?

May 30-31, 2013

Astra Tech Conference Center for Training & Education, Mölndal, Sweden

Lecturers

Tord Berglundh, DDS, PhD, Professor, Dept. of Periodontology, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

Jan Wennström, DDS, PhD, Professor, Dept. of Periodontology, Institute of Odontology, The Sahlgrenska Academy at the University of Gothenburg, Sweden

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 regarding 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.

The participants in the course will consequently contribute to the program and the overall goal is to provide a 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

Visit www.astratechdental.com for more information about the speakers and a detailed program.

Based on scientific data, sharpen your ability to make wise decisions on implant strategies and therapy.



Target group: Doctors
Duration: 2 days
Participants: Min. 40
Course fee: SEK 5,800 ex. VAT
Included in fee: Course material, diploma, coffee, lunches and one dinner
Language: English
Code: TPE131
Registration: www.astratechdental.com/courses



BIBLIOTEK

“ Excellent course, speakers are very professional and knowledgeable. Very relevant and up-to-date data presented. Current topics are of great interest to any dental professional. Staff always present on site to help participants. Very impressive.”

Dr. Edwing Heng, Singapore



“ The course was very informative and gave new perspectives on implant dentistry. It made us reflect and look at our practical work with new eyes. Program logistics, organization and lectures were also excellent.”

Dr. Nidal Assaf Kramer and Dr. Matthias Leupold-Hlawitschka, Switzerland

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 hands-on sessions 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 and/or close-ups transmitted to screens in different auditoriums. Interactive communication technique allows the participants to communicate with the instructor throughout the entire process, even if they are located in a different auditorium.



Registration information

Course information

For further information regarding the courses, visit www.astratechdental.com, contact your local Astra Tech representative or Astra Tech AB, Mölndal, Sweden

Astra Tech AB, Business Unit Dental
P.O. Box 14, SE-431 21 Mölndal, Sweden
Phone: +46 31 776 30 00 Fax: +46 31 776 30 12
E-mail: education.dental@astratech.com

Registration & Confirmation

Register at www.astratechdental.com/courses
As soon as we have received your registration, we will send you a confirmation. Prior to the course, you will receive a letter of invitation with all relevant information.

Hotel accommodation

If you would like us to assist you with hotel reservations, please state arrival and departure dates when registering. Transportation between our suggested hotel and the course venue will be arranged during the course.

Methods of payment

Payment is made by credit card or invoice to the invoicing address stated when registering.

Cancellation policy

Cancellation made six to four weeks prior to course start: 75% of the course fee will be refunded.
Cancellation made four to two weeks prior to course start: 50% of the course fee will be refunded.
Cancellation made later than two weeks prior to course start: No refund.

Astra Tech AB reserves the right to cancel a course in the event of too few participants. The fee will be refunded in full.

For further information, please contact your local Astra Tech representative or Astra Tech AB, Mölndal, Sweden.



Summary 2012–2013

Training & Education Program

MARCH 2012

March 14–16

Advanced implant surgery with focus on different bone grafting procedures, Code AIS121

Location: Copenhagen, Denmark, Language: English
Course fee: SEK 16,900 ex. VAT page 7

March 29–30

Sinus augmentation with focus on procedures without the use of graft material, Code SAP121

Location: Uppsala, Sweden, Language: English
Course fee: SEK 14,100 ex. VAT page 8

APRIL 2012

April 13–15

Advanced implant protocols, Code AT1203

Location: Los Angeles, USA, Language: English
Course fee: Before March 15: USD 1,995
After March 15: USD 2,195 page 14

April 19–20

Implant surgery in difficult cases, Code ISD121

Location: Gothenburg, Sweden, Language: English
Course fee: SEK 13,600 ex. VAT page 6

April 19–21

Advanced surgical techniques in implantology, Code AST121

Location: Paris, France, Language: English
Course fee: EUR 2,300 page 9

April 21

Overdenture therapy, a way to build your practice in difficult economic times, Code AT1205

Location: Iowa, USA, Language: English
Course fee: USD 415. page 15

SEPTEMBER 2012

September 21

Simultaneous placement of dental implants and sinus lifting with xenograft, Code SPD121

Location: Hong Kong, Language: English
Course fee: EUR 888 page 10

September 27–28

Treatment options in implant dentistry - from standard-protocol to more advanced techniques, Code TOI121

Location: Zagreb, Croatia, Language: English
Course fee: SEK 13,200 ex. VAT page 16

OCTOBER 2012

October 4–5

Bone augmentation related to dental implants, Code AIS122

Location: Gothenburg, Sweden, Language: English
Course fee: SEK 13,600 ex. VAT page 11

NOVEMBER 2012

November 15–17

Advanced implant dentistry, Code AID121

Location: Zurich, Switzerland, Language: English
Course fee: CHF 3,600 ex. VAT page 17

November 21–23

Advanced implant surgery with focus on maxillary reconstruction with or without bone substitute, Code AIS123

Location: Gävle, Sweden, Language: English
Course fee: SEK 14,500 ex. VAT page 12

November 29–30

Advanced implant prosthodontics, Code AIP121

Location: Mölndal, Sweden, Language: English
Course fee: SEK 12,900 ex. VAT page 13



Summary 2012–2013

Training & Education Program

DECEMBER 2012

December 3–4

Implant treatment in difficult cases, Code ITD121

Location: London, United Kingdom, Language: English

Course fee: SEK 14,800 ex. VAT page 18

FEBRUARY 2013

February 28 – March 1

**Current concepts in implant dentistry
– from science to clinical practice, Code CCI131**

Location: Mölndal, Sweden

Course fee: SEK 5,800 ex. VAT page 19

APRIL 2013

April 10–12

**Advanced implant surgery with focus on different bone
grafting procedures, Code AIS131**

Location: Copenhagen, Denmark, Language: English

Course fee: SEK 16,900 ex. VAT page 7

April 25–26

Implant surgery in difficult cases, Code ISD131

Location: Gothenburg, Sweden, Language: English

Course fee: SEK 13,600 ex. VAT page 6

MAY 2013

May 2–4

Advanced implant dentistry, Code AID131

Location: Zurich, Switzerland

Course fee: CHF 3,600 page 17

May 30–31

**Express your opinion – an interactive seminar in treatment
planning, Code TPE131**

Location: Mölndal, Sweden, Language: English

Course fee: SEK 5,800 ex. VAT page 20

YOU INSPIRE US

For over six years our customer surveys show the same results. On an average 97 percent of participants rate our courses as good or excellent.

Your response makes us very proud. But more importantly, it inspires us to find new ways and methods to design even better courses, and hopefully always surpass your expectations.

Thank you.



Australia

Astra Tech Pty Ltd.
Suite 1, 53 Grandview St, Pymble NSW 2073
☎ +61 2 9488 3500. 📠 +61 2 9440 0744
www.astratechdental.com.au

Austria

Astra Tech GesmbH
Schloßhofer Straße 4/4/19, AT-1210 Wien
☎ +43-(0)1-2146150. 📠 +43-(0)1-2146167
www.astratechdental.at

Benelux

Astra Tech Benelux B.V.
Signaalrood 55, NL-2718 SG Zoetermeer
☎ +31 79 360 1955/+32 3 232 81 50
📠 +31 79 362 3748/ +32 3 213 30 66
www.astratechdental.nl

Canada

Astra Tech Inc.
2425 Matheson Blvd East, 8th Floor
Mississauga, ON L4W 5K4
☎ +1 905 361 2844
www.astratechdental.com

Denmark

Astra Tech A/S
Roskildevej 163, 1. th., DK-2620 Albertslund
☎ +45 43 71 33 77. 📠 +45 43 71 78 65
www.astratechdental.dk

East Asia

Astra Tech
Suite 15.02, 15th Floor Menara PanGlobal
No. 8 Lorong P Ramlee, MY-50250, Kuala Lumpur
Malaysia
☎ +60 3 27 11 2531. 📠 +60 3 27 11 2532
www.astratechdental.com

Finland

Astra Tech Oy
PL 96, FI-02231 Espoo
☎ +358 9 8676 1626. 📠 +358 9 804 4128
www.astratechdental.fi

France

Astra Tech France
7, rue Eugène et Armand Peugeot, TSA 90002
FR-92563 Rueil Malmaison Cedex
☎ +33 1 41 39 02 40. 📠 +33 1 41 39 02 44
www.astratechdental.fr

Germany

Astra Tech GmbH
An der kleinen Seite 8. DE-65604 Elz
☎ +49 6431 9869 0. 📠 +49 6431 9869 500
www.astratechdental.de

Italy

Astra Tech S.p.A.
Via Cristoni, 86, IT-40033 Casalecchio di Reno (BO)
☎ +39 051 29 87 511. 📠 +39 051 29 87 580
www.astratechdental.it

Japan

Astra Tech K.K.
Yaesuguchi-Daiei Building 12F
1-3-1 Kyobashi, Chuo-ku, Tokyo 104-0031
☎ +81 3 3243 5055. 📠 +81 3 3243 5057
www.astratech.jp

Norway

Astra Tech AS
Karihaugveien 89, NO-1086 Oslo
☎ +47 67 92 05 50. 📠 +47 67 92 05 60
www.astratechdental.no

Poland

Astra Tech Sp.z o.o.
ul. Orężna 58, PL-02-937 Warszawa
☎ +48 22 853 67 06. 📠 +48 22 853 67 10
www.astratechdental.pl

Portugal

Astra Tech
Lagoas Park, Edifício 8 – 1º piso
PT-2740-268 Porto Salvo
☎ +351 21 421 2273. 📠 +351 21 421 0234
www.astratechdental.pt

Spain

Astra Tech S.A.
Calle Ciencias nº 73 derecha. Nave 9,
Polígono Industrial Pedrosa,
ES-08908 L'Hospitalet de Llobregat
☎ Servicio al cliente: +34.902.101.558
☎ +34.932.643.560. 📠 +34.933.363.231
www.astratechdental.es

Sweden

Astra Tech AB
P.O. Box 14, SE-431 21 Mölndal
☎ +46 31 776 30 00. 📠 +46 31 776 30 17
www.astratechdental.se

Switzerland

Astra Tech SA
Avenue de Sévelin 18, P.O. Box 54
CH-1000 Lausanne 20
☎ +41 21 620 02 30. 📠 +41 21 620 02 31
www.astratechdental.ch

United Kingdom

Astra Tech Ltd.
Brunel Way, Stonehouse, Glos GL10 3SX
☎ +44 845 450 0586. 📠 +44 1453 791001
www.astratechdental.co.uk

USA

Astra Tech Inc.
590 Lincoln Street, Waltham, MA 02451
☎ +1-800-531-3481. 📠 +1-781-890-6808
www.astratechdental.com

Other Markets

Astra Tech AB, Export Department
P.O. Box 14, SE-431 21 Mölndal, Sweden
☎ +46 31 776 30 00. 📠 +46 31 776 30 23
www.astratechdental.com

