

# Shaping the future of patient care

## Nobel Biocare Symposium

August 11–13, 2017



Fontainebleau Miami Beach



General concepts in this program will be taught utilizing Nobel Biocare products and solutions. We reserve the right to change content, date, location, and speaker(s) without prior notice. Product images are not necessarily to scale.

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# Schedule at a glance

## Nobel Biocare Symposium – Friday, August 11

**Moderators:** Dr. Oded Bahat, 8:30 a.m. – 12:30 p.m.  
Dr. Russell Baer, 1:30 p.m. – 5:00 p.m.

Main program – Sparkle East Ballroom		
Time	Title	Speaker/Expert
8:00 a.m. – 8:30 a.m.	<b>Welcome: Shaping the future of patient care</b>	
8:30 a.m. – 9:00 a.m.	<b>Anterior immediate single-tooth restoration – lessons learned for long-term success</b>	Dr. Joseph Kan
9:00 a.m. – 9:30 a.m.	<b>Long-term results for implant placement at time of extraction in daily practice</b>	Dr. Barry Wagenberg
9:30 a.m. – 10:00 a.m.	<b>The infected site – where are the limits for immediate implantation?</b>	Dr. Gabor Tepper
10:00 a.m. – 10:30 a.m.	<i>Break – Luster Galerie</i>	
10:30 a.m. – 11:00 a.m.	<b>Utilizing allograft and xenograft with extractions</b>	Dr. Alexandre Aalam
11:00 a.m. – 11:30 a.m.	<b>What are we waiting for? The lower first molar and 20 million immediate single-tooth implant opportunities</b>	Dr. George Duello
11:30 a.m. – 12:00 p.m.	<b>Becoming a community resource for emergency extraction, implant placement, and provisional restoration</b>	Dr. Steven Bongard
12:00 p.m. – 12:30 p.m.	<b>Panel discussion / Q &amp; A from audience</b>	All presenters
12:30 p.m. – 1:30 p.m.	<i>Lunch – Luster Galerie</i>	
1:30 p.m. – 2:00 p.m.	<b>Implementing digital technology for both clinical treatment and improved communication</b>	Dr. Scott MacLean
2:00 p.m. – 2:30 p.m.	<b>Digital workflow – what is today's reality and how does it work?</b>	Dr. Jonathan Ng
2:30 p.m. – 3:00 p.m.	<b>Gaining new insights for complex treatments</b>	Dr. Peter Wöhrle
3:00 p.m. – 3:30 p.m.	<i>Break – Luster Galerie</i>	
3:30 p.m. – 5:00 p.m.	<b>An emphasis on practical digital benefits</b> Clinical case presentations Clinical case presentations Audience vote / discussion / Q & A	Dr. Kyle Stanley / Dr. Tara Aghaloo Dr. Sundeep Rawal / Dr. David Lee Hill
5:00 p.m. – 6:30 p.m.	<i>Welcome reception – Sparkle West, Ocean Promenade East, and Ocean Promenade West</i>	

## Master classes

Time	Title	Speaker/Expert	Room	Code
10:00 a.m. – 2:30 p.m.	<b>Implant coordinator – being the ongoing information resource for patient communication</b> <i>Lunch – Luster Gallerie (12:30 p.m. – 1:30 p.m.)</i>	Ms. Patti Williamson	Glimmer 4	MC 1.1
3:30 p.m. – 5:00 p.m.	<b>Implant hygiene – preventative, therapeutic, and rescue implant maintenance</b>	Dr. Sanda Moldovan	Dazzle	MC 2.1
3:30 p.m. – 5:30 p.m.	<b>Accelerating your restorative dental implant practice</b>	Dr. Mike Meek	Glimmer 4	MC 4.1

## Hands-on sessions

Time	Title	Speaker/Expert	Room	Code
9:00 a.m. – 12:30 p.m.	<b>NobelDesign™ Software for dental technicians</b>	Mr. Joe Perillo / Mr. Tad Thompson	Glimmer 2	HO 5.1
10:30 a.m. – 12:30 p.m.	<b>Linking the virtual plan to the surgical reality with guided templates – NobelClinician® planning and surgical hands-on</b>	Dr. Jonathan Ng	Glimmer 3	HO 6.1
10:30 a.m. – 12:30 p.m.	<b>Introduction to implant placement</b>	Dr. Bobby Birdi	Glimmer 5	HO 7.1
3:30 p.m. – 5:30 p.m.	<b>All-on-4® treatment concept – restorative and conversion hands-on</b>	Dr. Steven Bongard	Glimmer 2	HO 8.1
3:30 p.m. – 5:30 p.m.	<b>All-on-4® treatment concept – surgical hands-on</b>	Dr. George Duello	Glimmer 3	HO 9.1
3:30 p.m. – 5:30 p.m.	<b>Implant site development with grafting materials (with mandibular pig jaw specimen)</b>	Dr. Alexandre Aalam	Glimmer 1	HO 10.1
3:30 p.m. – 5:30 p.m.	<b>Practical considerations for placing an implant immediately following extraction</b>	Dr. Gabor Tepper	Shimmer	HO 11.1

# Schedule at a glance

## Nobel Biocare Symposium – Saturday, August 12

**Moderators:** Dr. Lesley David, 8:30 a.m. – 12:30 p.m.  
Dr. Jay Malmquist, 1:30 p.m. – 5:30 p.m.

### Main program – Sparkle East Ballroom

Time	Title	Speaker/Expert
8:30 a.m. – 9:00 a.m.	<b>“Peri-implantitis” – a provoked foreign body response or a man-made disease?</b>	Dr. Tomas Albrektsson
9:00 a.m. – 9:30 a.m.	<b>Where biology and mechanics meet – understanding this dynamic interface</b>	Dr. Chandur Wadhvani
9:30 a.m. – 10:00 a.m.	<b>Trefoil: Innovative treatment concept for the edentulous patient – catering to the needs of many</b>	Dr. Kenji Higuchi
10:00 a.m. – 10:30 a.m.	<b>Trefoil: Clinical case presentation</b>	Dr. Ruben Rosenberg
10:30 a.m. – 11:00 a.m.	<i>Break – Luster Gallerie</i>	
11:00 a.m. – 11:30 a.m.	<b>Evolution of All-on-4® treatment concept with implant design</b>	Dr. Paulo Maló
11:30 a.m. – 12:00 p.m.	<b>Envision the result before you start – a restorative planning process for full-arch fixed implant restoration</b>	Dr. Saj Jivraj
12:00 p.m. – 12:30 p.m.	<b>Panel discussion / Q &amp; A from audience</b>	All speakers
12:30 p.m. – 1:30 p.m.	<i>Lunch – Luster Gallerie</i>	
1:30 p.m. – 2:00 p.m.	<b>Transforming smiles transforms lives – the patient journey</b>	Dr. Reena Talwar / Ms. Suzie Maxwell
2:00 p.m. – 2:30 p.m.	<b>All-on-4® treatment concept: Provisional and definitive restoration – planning, engineering, and details for success</b>	Mr. Tom Wade
2:30 p.m. – 3:00 p.m.	<b>Facial analysis – the roadmap to esthetic success</b>	Dr. Ernest Orphanos
3:00 p.m. – 3:30 p.m.	<i>Break – Luster Gallerie</i>	
3:30 p.m. – 4:30 p.m.	<b>All-on-4® treatment concept – guided vs non-guided debate</b> Team 1 presentation: Non-guided approach Team 2 presentation: Guided approach	Dr. Frank Tuminelli / Dr. Jay Neugarten Dr. Gary Orentlicher / Dr. Scott MacLean
4:30 p.m. – 5:30 p.m.	<b>Digital journey 2020 – vision to reality</b>	Dr. Peter Wöhrle / Dr. Pascal Kunz
7:00 p.m. – 11:00 p.m.	<i>Symposium reception – Sparkle West, Ocean Promenade East, and Ocean Promenade West</i>	

## Master classes

Time	Title	Speaker/Expert	Room	Code
8:00 a.m. – 9:30 a.m.	<b>Horizontal and vertical ridge augmentation using GBR protocols, bone graft mixtures, growth factors, and soft-tissue grafts for predictable implant site development</b>	Dr. Sascha Jovanovic	Dazzle	MC 5.1
11:00 a.m. – 3:30 p.m.	<b>Implant coordinator – being the ongoing information resource for patient communication</b> <i>Lunch – Luster Gallerie (12:30 p.m. – 1:30 p.m.)</i>	Ms. Patti Williamson	Glimmer 4	MC 1.2
1:30 p.m. – 3:30 p.m.	<b>Accelerating your restorative dental implant practice</b>	Dr. Mike Meek	Glimmer 1	MC 4.2
3:30 p.m. – 5:30 p.m.	<b>Implant hygiene – preventative, therapeutic, and rescue implant maintenance</b>	Dr. Sanda Moldovan	Dazzle	MC 2.2

## Hands-on sessions

Time	Title	Speaker/Expert	Room	Code
9:00 a.m. – 12:30 p.m.	<b>NobelDesign™ Software for dental technicians</b>	Mr. Joe Perillo / Mr. Tad Thompson	Glimmer 2	HO 5.2
10:30 a.m. – 12:00 p.m.	<b>Implant site development using GBR for horizontal and vertical ridge deficiencies (with mandibular pig jaw specimen)</b>	Dr. Sascha Jovanovic	Glimmer 1	HO 10.2
10:30 a.m. – 12:30 p.m.	<b>Linking the virtual plan to the surgical reality with guided templates – NobelClinician® planning and surgical hands-on</b>	Dr. Gary Orentlicher	Glimmer 3	HO 6.2
3:30 p.m. – 5:30 p.m.	<b>All-on-4® treatment concept – restorative and conversion hands-on</b>	Dr. Bobby Birdi	Glimmer 3	HO 8.2
3:30 p.m. – 5:30 p.m.	<b>All-on-4® treatment concept – surgical hands-on</b>	Dr. Anthony Sclar	Glimmer 2	HO 9.2

**Moderator:** Dr. Kyle Stanley, 9:00 a.m. – 12:30 p.m.

## Dental technology forum

Time	Title	Speaker/Expert	Room
9:00 a.m. – 9:30 a.m.	<b>Dental technician participation in the digital planning process</b>	Mr. Tom Wade	Glimmer 5
9:30 a.m. – 10:00 a.m.	<b>Technology, the great equalizer in design and fabrication today</b>	Mr. Conrad Rensburg	Glimmer 5
10:00 a.m. – 10:30 a.m.	<b>Bringing the plan to reality with patient restoration</b>	Dr. Scott MacLean	Glimmer 5
11:00 a.m. – 12:30 p.m.	<b>Battle of the Bars Design Competition</b>	Mr. Tom Wade	Glimmer 6, 7



Main program



# Main program – Friday, August 11

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## ■ Anterior immediate single-tooth restoration – lessons learned for long-term success

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<b>Friday, August 11 Room</b>	8:30 a.m. – 9:00 a.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Joseph Kan	
<b>Description</b>	To create implant restorations with harmonious gingival contour that emulate nature is a fusion of science and art. Understanding the biologic and physiologic limitations of the soft and hard tissue will facilitate predictability in simple to complex esthetic situations. This presentation will look at the surgical and prosthetic variables that can provide long-term soft- and hard-tissue stability with immediate tooth replacement.	

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## ■ Long-term results for implant placement at time of extraction in daily practice

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<b>Friday, August 11 Room</b>	9:00 a.m. – 9:30 a.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Barry D. Wagenberg	
<b>Description</b>	By decreasing the number of surgical procedures patients must endure, thereby decreasing both the time in treatment and costs for the patient, immediate implant therapy becomes the treatment of choice for patient care. With documentation beginning in January 1998, this treatment has evolved for low sinus and infected sites to be included as routine treatments with implant placement immediately following tooth extraction. Long-term data will be presented demonstrating results for both implant survival and bone retention.	

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## ■ The infected site – where are the limits for immediate implantation?

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<b>Friday, August 11 Room</b>	9:30 a.m. – 10:00 a.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Gabor Tepper	
<b>Description</b>	Immediate implant placement and loading are sufficiently documented treatment options, enabling the well-trained dental professional to deliver a fast, safe, affordable, predictable procedure that answers the patient's need for minimal surgical trauma. What's the next step? While many cases are performed in clean and non-infected sites, the implantologist is increasingly challenged by the patient's and market's demand to push the limits and expand this treatment concept to include the immediate implantation of infected sockets. This presentation will provide the routine treatment rationale of complex sites with active infections and identify the complications as well as their prevention and management.	

# Main program – Friday, August 11

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## ■ Utilizing allograft and xenograft with extractions

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<b>Friday, August 11 Room</b>	10:30 a.m. – 11:00 a.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Alexandre Aalam	
<b>Description</b>	Once a tooth is extracted, the natural wound-healing cascade paired with irreversible alteration occurs. Grafting techniques (hard and soft tissue) and prosthetic manipulations are required to attempt reestablishing the proper hard- and soft-tissue contours supporting proper emergence profile. Multiple grafting materials and surgical techniques (hard and soft tissue) compounded with biologically-driven implant abutment designs (platform switching and abutments with conical connection) have been proposed to reduce and repair the amount of ridge deformation.	

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## ■ What are we waiting for? The lower first molar and 20 million immediate single-tooth implant opportunities

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<b>Friday, August 11 Room</b>	11:00 a.m. – 11:30 a.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. George Duello	
<b>Description</b>	The most common implant prosthesis is the replacement of a single permanent first molar. While some implant procedures are complex and interesting, the procedures to replace a first molar may seem simple and mundane by comparison. The purpose of this presentation is to enlighten the audience to new strategies for the replacement of the first molar. New protocols include immediate placement, immediate provisionalization, intraoral scanning, and fabrication of durable and biologic screw-retained crowns in a treatment time that is shorter than with conventional restorations.	

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## ■ Becoming a community resource for emergency extraction, implant placement, and provisional restoration

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<b>Friday, August 11 Room</b>	11:30 a.m. – 12:00 p.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Steven Bongard	
<b>Description</b>	Becoming proficient at providing emergency extraction, implant placement, and provisional restoration is an excellent way to differentiate a dental practice and establish a reputation as a community resource for these essential services. The purpose of this presentation is to highlight how same-day implant solutions can become an effective strategy to build and promote any implant practice.	

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## ■ Implementing digital technology for both clinical treatment and improved communication

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<b>Friday, August 11 Room</b>	1:30 p.m. – 2:00 p.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Scott MacLean	
<b>Description</b>	Successful use of digitization on a daily basis must not only be practical for clinical treatment, but also ideally lend itself to further professional and patient communication capabilities. This program will demonstrate the benefits of incorporating digital technology with both diagnostic and treatment delivery as well as the accompanying improvements in patient communication made possible with this information.	

### ■ Digital workflow – what is today's reality and how does it work?

<b>Friday, August 11 Room</b>	2:00 p.m. – 2:30 p.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Jonathan Ng	
<b>Description</b>	Digital technology is quickly becoming the standard by which all aspects of dentistry are conducted. Digital data capture through intraoral scanning and CBCT is providing marked improvements in treatment possibilities, which allows for more precision in the delivery of better care. This program aims to discuss how the various steps in virtual planning and the digital process are critical for the delivery of successful implant treatment, particularly in the case of immediate placement and temporization. The appraisal of current advancements will allow for a better understanding of what possibilities exist and how the digital workflow is dramatically improving the care of dental implant patients.	

### ■ Gaining new insights for complex treatments

<b>Friday, August 11 Room</b>	2:30 p.m. – 3:00 p.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Peter Wöhrle	
<b>Description</b>	Recent advances in patient care introduce an entirely new perspective of restorative considerations in the planning process. The combination of data sets of 3D-reconstructed anatomic structures with the intraoral situation results in identifying a range potential prosthetic options. Precise knowledge of soft-tissue depth and the full visualization of planned restorative emergence contribute to preoperative augmentation decisions, implant placement considerations, and fabrication of provisional restorations. An emphasis will be placed on the correlation between diagnosis and treatment planning, the surgical and restorative plans, and the restorative outcome.	

### ■ An emphasis on practical digital benefits

<b>Friday, August 11 Room</b>	3:30 p.m. – 5:00 p.m. Sparkle East	Main program
<b>Speakers/Experts</b>	<b>Clinical case presentations</b> Dr. Kyle Stanley / Dr. Tara Aghaloo  <b>Clinical case presentations</b> Dr. Sundeep Rawal / Dr. David Lee Hill	
<b>Description</b>	Each team in this presentation will show examples from diagnosis, planning, and treatment delivery, demonstrating that the digital technology available today is both practical and beneficial in utilization.	

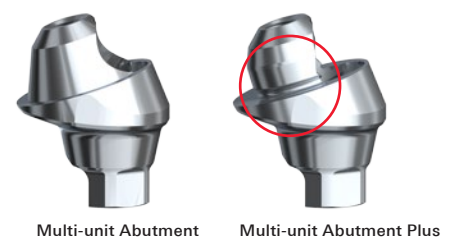
# Small change – huge impact



**Take the All-on-4® treatment concept to the next level with an easier and faster provisional restoration workflow.\***

The new Multi-unit Abutment Plus is designed to substantially reduce the clinical patient time required to perform a denture conversion – a procedure commonly used in the All-on-4® treatment concept. By introducing a snap-fit function between the new Temporary Snap Coping and the straight or angulated Multi-unit Abutments, screws are no longer required during the interim try-in and denture conversion procedures. The new snap retention feature allows positioning of the copings onto the abutments without the use of screws or guide pins. The reduced try-in time has immediate benefit for the patient, who can struggle to keep their mouth open during the often multiple insertions and removals of the coping and denture assembly during the conversion process. The cumulative effect is a faster clinical procedure without compromise to produce the restoration for delivery to the patient.

\* compared with the conventional Multi-unit Abutments



Multi-unit Abutment

Multi-unit Abutment Plus

**See more at [nobelbiocare.com/mua](https://nobelbiocare.com/mua)**

# Main program – Saturday, August 12

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## ■ “Peri-implantitis” – a provoked foreign body response or a man-made disease?

<b>Saturday, August 12 Room</b>	8:30 a.m. – 9:00 a.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Tomas Albrektsson	
<b>Description</b>	The frequency of a disease known as peri-implantitis has received a great deal of discussion in clinical literature, and most reports have not withstood the scrutiny of time. Not all bone loss that happens in the first year after implant placement is due to peri-implantitis. There are other reasons for bone remodeling and bone loss, and they do not necessarily threaten the integrity of the implant. This presentation will discuss various treatment complications that impact bone, current research findings, and the importance of quality implant systems to long-term success.	

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## ■ Where biology and mechanics meet – understanding this dynamic interface

<b>Saturday, August 12 Room</b>	9:00 a.m. – 9:30 a.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Chandur Wadhvani	
<b>Description</b>	The soft-tissue implant/abutment interface is considered the dominant interface that contributes to long-term success. This barrier seals off the external world from the inner body – in one of the most hostile biological environments, the mouth. Abutment materials, mechanical connection integrity, and surgical/restorative factors all contribute to failure or success – but the clinician may ultimately be the one to tip the balance.	

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## ■ Trefoil: Innovative treatment concept for the edentulous patient – catering to the needs of many

<b>Saturday, August 12 Room</b>	9:30 a.m. – 10:00 a.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Kenji Higuchi	
<b>Description</b>	The Trefoil concept was introduced to the profession in June 2016 following more than five years of development. Increasingly, dental professionals and patients alike are seeking cost-effective solutions for immediate implant restorations. Clinical strategies are being developed to reduce chair time as well as component and laboratory expenses. Using an innovative adjustable standardized framework and an efficient clinical workflow, the Trefoil concept offers the possibility for patients to receive a precise-fitting definitive mandibular implant bridge on the same day of surgery. This solution for the edentulous mandible or failing mandibular dentition provides clinicians with an opportunity to serve a new and expanded patient population.	

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## ■ Trefoil: Clinical case presentation

<b>Saturday, August 12 Room</b>	10:00 a.m. – 10:30 a.m. Sparkle East	Main program
<b>Speaker/Expert</b>	Dr. Ruben Rosenberg	
<b>Description</b>	This presentation will highlight the clinical cases treated with the new protocol for immediate loading and immediate prosthesis called Trefoil, a concept redesigned by Dr. Kenji Higuchi and collaborators from the initial idea of Prof. P-I Brånemark.	

# Main program – Saturday, August 12

## ■ Evolution of the All-on-4® treatment concept with implant design

<b>Saturday, August 12</b>	11:00 a.m. – 11:30 a.m.	Main program
<b>Room</b>	Sparkle East	
<b>Speaker/Expert</b>	Dr. Paulo Maló	
<b>Description</b>	This session will discuss the objectives and evidence-based principles for surgical and prosthetic therapy when using the All-on-4® treatment concept to restore complete edentulism and failed dentition cases. The most recent advancements of this treatment concept, as well as new products developed to overcome the challenges of severely resorbed jaws, will be discussed. Clinical management of patients will be presented by demonstrating the data gathering process, diagnosis, treatment planning, surgical protocols, and fabrication of both provisional and definitive implant-retained prostheses. Participants will learn the evidence-based principles and biomechanics of the All-on-4® treatment concept and understand its evolution, along with the new products developed to improve technique and overcome extremely complex cases.	

## ■ Envision the result before you start – a restorative planning process for full-arch fixed implant restoration

<b>Saturday, August 12</b>	11:30 a.m. – 12:00 p.m.	Main program
<b>Room</b>	Sparkle East	
<b>Speaker/Expert</b>	Dr. Saj Jivraj	
<b>Description</b>	This presentation will highlight the critical diagnostic factors that influence the decision-making process when considering whether the patient is a candidate for a fixed versus a removable implant-supported restoration. Particular emphasis will be placed on restorative space requirements and how to communicate this to the surgical specialist to ensure that a biomechanically sound restoration can be produced. Some of the most common restorative errors will be shown with practical solutions for how to avoid them.	

## ■ Transforming smiles transforms lives – the patient journey

<b>Saturday, August 12</b>	1:30 p.m. – 2:00 p.m.	Main program
<b>Room</b>	Sparkle East	
<b>Speakers/Experts</b>	Dr. Reena Talwar / Ms. Suzie Maxwell	
<b>Description</b>	Emotional, psychological, and human elements greatly impact patient case acceptance and response to treatment. In this presentation the speakers will highlight their experiences from a prosthetic and surgical viewpoint when consulting with and treating patients seeking an implant-based solution for their failing dentition. Both presenters provide a unique perspective of their specific roles in lessening the anxiety and dilemmas confronting patients at the beginning of and during their journey to improve their smiles and change their lives.	

## ■ All-on-4® treatment concept: Provisional and definitive restoration – planning, engineering, and details for success

<b>Saturday, August 12</b>	2:00 p.m. – 2:30 p.m.	Main program
<b>Room</b>	Sparkle East	
<b>Speaker/Expert</b>	Mr. Tom Wade	
<b>Description</b>	This presentation will examine the All-on-4® treatment concept and the wide variance in the utilization of digital technology, componentry, and fabrication protocols, including time allotted and attention to detail. An analysis of how these factors greatly affect the overall long-term intraoral success of both the provisional and definitive restoration will also be discussed.	

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### ■ Facial analysis – the roadmap to esthetic success

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<b>Saturday, August 12</b>	2:30 p.m. – 3:00 p.m.	Main program
<b>Room</b>	Sparkle East	
<b>Speaker/Expert</b>	Dr. Ernest Orphanos	
<b>Description</b>	Full-arch dental implant rehabilitations address dental esthetics, phonetics, and function. Unfortunately, facial esthetics are often neglected. The FIT (Facial Incisal Transformation) approach addresses facial anatomy as the primary indicator for incisal edge position, which in turn will result in dental-facial harmony. Understanding esthetic facial proportion will assist the clinician in not only addressing dental esthetics, phonetics, and function, but will also address the need to restore facial esthetics.	

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### ■ All-on-4® treatment concept – guided vs non-guided debate

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<b>Saturday, August 12</b>	3:30 p.m. – 4:30 p.m.	Main program
<b>Room</b>	Sparkle East	
<b>Speakers/Experts</b>	<b>Team 1 presentation: Non-guided approach</b> Dr. Frank Tuminelli / Dr. Jay Neugarten  <b>Team 2 presentation: Guided approach</b> Dr. Gary Orentlicher / Dr. Scott MacLean	
<b>Description</b>	Advantages, challenges, and recommendations for utilizing guided surgery vs. non-guided surgery when treating patients with the All-on-4® treatment concept will be discussed in a lively debate format.	

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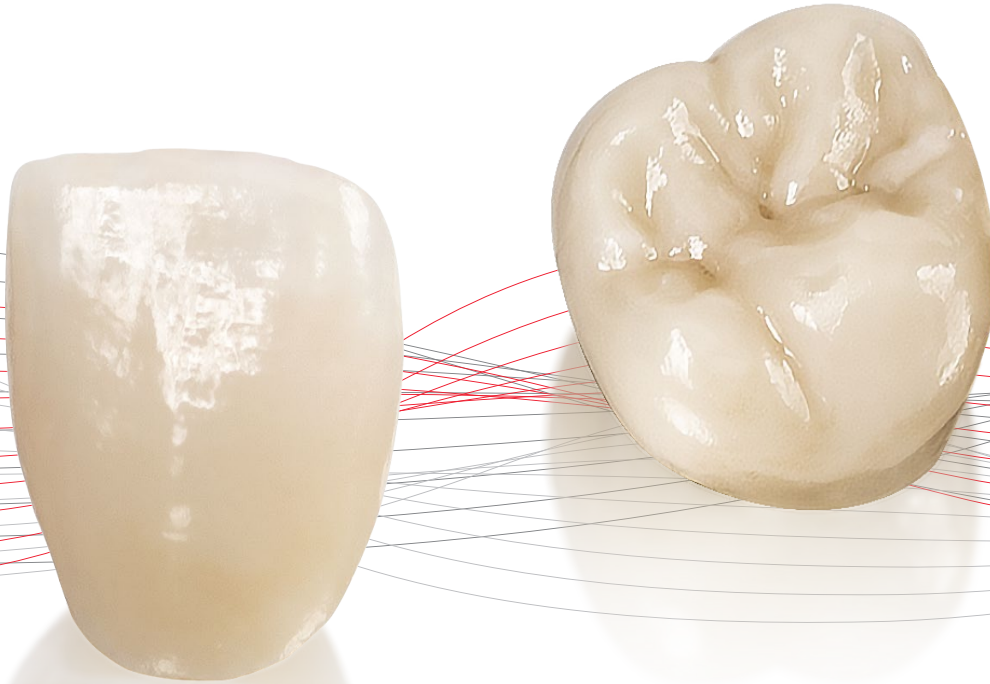
### ■ Digital journey 2020 – vision to reality

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<b>Saturday, August 12</b>	4:30 p.m. – 5:30 p.m.	Main program
<b>Room</b>	Sparkle East	
<b>Speakers/Experts</b>	Dr. Peter Wöhrle / Dr. Pascal Kunz	
<b>Description</b>	Modern technology and connected devices are rapidly improving our daily lives. Early adopters continue to report “efficient” patient treatments and claim to benefit from groundbreaking innovation to improve their daily clinical work. But are these tools also ready to master simple daily tasks? Do integrated 3D workflows improve everyday routine in clinical practice? What does “integrated” really mean? Where are the real pain points and shortcomings and what are possible solutions? This presentation will include interactive reflections on a realistic vision and deep insights into next steps to close gaps from initial diagnostics through treatment completion.	



# Simply strong success



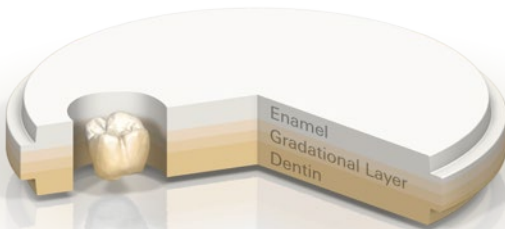
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# Master classes

## ■ Implant coordinator – being the ongoing information resource for patient communication

<b>Friday, August 11</b>	10:00 a.m. – 2:30 p.m.	MC 1.1
<b>Saturday, August 12</b>	11:00 a.m. – 3:30 p.m.	MC 1.2
<b>Room</b>	Glimmer 4	
<b>Speaker/Expert</b>	Ms. Patti Williamson	

### Description

Dental implant case acceptance relies heavily on the coordinator's communication skills. Most treatment coordinators find that selling implant treatments can be challenging. This presentation will give participants useful communication tools for successful treatment plan acceptance, even by the most reluctant patients. An important part of the program will include optimizing patient motivation for implant treatment. This course will review various success factors in case acceptance: Applying effective listening skills; identifying patient personality types; using open- vs. close-ended questions; handling patient objections; practicing scripted messaging to assist in case acceptance; and utilizing patient education tools.



## ■ Implant hygiene – preventative, therapeutic, and rescue implant maintenance

<b>Friday, August 11</b>	3:30 p.m. – 5:00 p.m.	MC 2.1
<b>Saturday, August 12</b>	3:30 p.m. – 5:00 p.m.	MC 2.2
<b>Room</b>	Glimmer 4	
<b>Speaker/Expert</b>	Dr. Sanda Moldovan	

### Description

Long-term peri-implant health is of great importance in maintaining the initial functional and esthetic benefits of implant restoration. This process begins in the initial treatment planning stages with consideration of how much healthy hard and soft tissue is available to support the restorative design. Research-based and practical ongoing maintenance protocols with additional rescue regimens will be reviewed covering the range of clinical conditions that may be encountered.

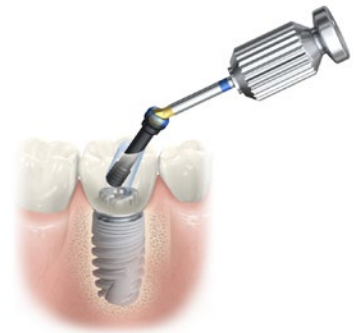


## ■ Accelerating your restorative dental implant practice

<b>Friday, August 11</b>	3:30 p.m. – 5:30 p.m.	MC 4.1
<b>Saturday, August 12</b>	1:30 p.m. – 3:30 p.m.	MC 4.2
<b>Rooms</b>	Glimmer 1; Glimmer 4	
<b>Speaker/Expert</b>	Dr. Mike Meek	

### Description

In this presentation, Dr. Meek will share the results of his transition from placing three-unit bridges to restoring dental implants. This decision has helped increase revenue and improve efficiency in his general practice. Dr. Meek will discuss in detail practice management strategies for incorporating implant restorations into in a busy general practice. The traditional surgeon/restorative dentist relationship will be discussed, and “no brainer” case selection for implants versus bridges will demonstrate why this approach is the most efficient way for a practitioner to be involved in implant prosthetics.

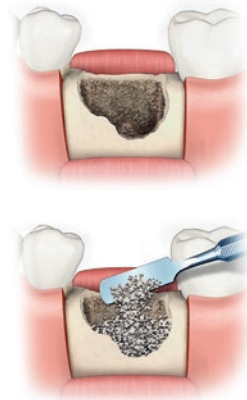


## ■ Horizontal and vertical ridge augmentation using GBR protocols, bone graft mixtures, growth factors, and soft-tissue grafts for predictable implant site development

<b>Saturday, August 12</b>	8:00 a.m. – 9:30 a.m.	MC 5.1
<b>Room</b>	Dazzle	
<b>Speaker/Expert</b>	Dr. Sascha Jovanovic	

### Description

Optimal implant site development is important for long-term implant function and esthetics. This master class will address different jawbone site deficiencies and provide the participant the opportunity to understand the fundamentals of GBR with representative bone harvesting scrapers, xenograft, GBR membranes, fixation materials, and suture materials. The step-by-step key protocol for GBR success, dental implant choices, healing periods, surgical and restorative teamwork, and instrumentation to facilitate procedures will be emphasized.



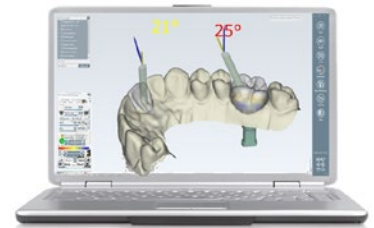
# Hands-on sessions

## ■ NobelDesign™ Software for dental technicians

<b>Friday, August 11</b>	9:00 a.m. – 12:30 p.m.	HO 5.1
<b>Saturday, August 12</b>	9:00 a.m. – 12:30 p.m.	HO 5.2
<b>Room</b>	Glimmer 2	
<b>Speaker/Expert</b>	Mr. Joe Perillo / Mr. Tad Thompson	

### Description

Digital dentistry today has the potential to enhance treatment from the initial diagnostics through production of the definitive restoration. This program will provide a hands-on experience using the latest NobelDesign Software, which gives you intuitive CAD tools for creating copings, crowns, abutments, and implant bridges. This robust CAD/CAM software aligns with a new material choice while utilizing the angulated screw channel (ASC), allowing the patient to have a long-term esthetic restoration.

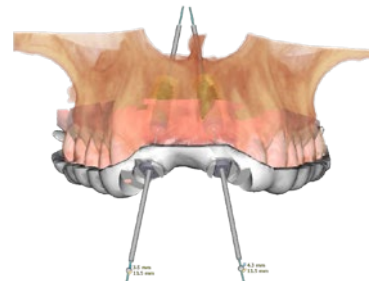


## ■ Linking the virtual plan to the surgical reality with guided templates – NobelClinician® planning and surgical hands-on

<b>Friday, August 11</b>	10:30 a.m. – 12:30 p.m.	HO 6.1
<b>Room</b>	Glimmer 3	
<b>Speaker/Expert</b>	Dr. Jonathan Ng	
<b>Saturday, August 12</b>	10:30 a.m. – 12:30 p.m.	HO 6.2
<b>Room</b>	Glimmer 3	
<b>Speaker/Expert</b>	Dr. Gary Orentlicher	

### Description

The objective of this program is to demonstrate how transferring three-dimensional implant planning from a CT scan to the patient, using surgical templates, can greatly improve patient case outcomes. The session will include discussions of planning workflows, the “power” of the NobelClinician Software in case evaluation and planning, hard- and soft-tissue considerations for the restorative design and guided surgical treatment, and the possibilities for both pilot drill only and fully guided surgical templates. The session will include hands-on software introduction and implant placement with dedicated guided surgical kits.



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## ■ Introduction to implant placement

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**Friday, August 11** 10:30 a.m. – 12:30 p.m.  
**Room** Glimmer 5

HO 7.1

**Speaker/Expert** Dr. Bobby Birdi

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### Description

With an emphasis on posterior single-implant placement, this program offers the opportunity for experiencing the drilling procedures, bone tapping, and implant placement process in partially edentulous jaw models. This will include assessment of initial implant stability and use of provisional components when an immediate provisional restoration is appropriate.



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## ■ All-on-4® treatment concept – restorative and conversion hands-on

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**Friday, August 11** 3:30 p.m. – 5:30 p.m.  
**Room** Glimmer 2  
**Speaker/Expert** Dr. Steven Bongard

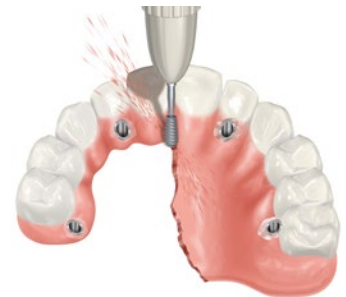
HO 8.1

**Saturday, August 12** 3:30 p.m. – 5:30 p.m.  
**Room** Glimmer 3  
**Speaker/Expert** Dr. Bobby Birdi

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### Description

Providing a provisional restoration at the time of implant placement is a major patient motivator for the All-on-4® treatment concept. This process begins with the planning requirements for the restorative design. This program will take the participant through the important planning considerations and how they correlate to the delivery of the provisional restoration. Then with models, participants will practice the denture conversion process to produce a screw-retained provisional restoration. This program is ideal for both the restorative dentist and the dental technician.



# Hands-on sessions

## ■ All-on-4® treatment concept – surgical hands-on

**Friday, August 11** 3:30 p.m. – 5:30 p.m.  
**Room** Glimmer 3  
**Speaker/Expert** Dr. George Duello

HO 9.1

### Description

Extractions, immediate loading, and varying full-arch prosthetic designs supported by four implants – all these variables of a graftless approach with tilted implants introduce new considerations to implant placement. This hands-on program will address how these factors influence the surgical approach and will provide participants with the opportunity to practice these concepts with implant placement on a edentulous jaw model.



## ■ Implant site development with grafting materials (with mandibular pig jaw specimen)

**Friday, August 11** 3:30 p.m. – 5:30 p.m.  
**Room** Glimmer 1  
**Speaker/Expert** Dr. Alexandre Aalam

HO 10.1

### Description

Optimal implant site development is important for both short-term and long-term implant function and esthetics. This hands-on program will address different site defects and provide the participant the opportunity to work with representative allograft materials, xenograft, and membranes. A graft incorporation healing process and a decision-making tree on graft material selection will be discussed as well. Ease of handling and ancillary instrumentation to facilitate procedures will be emphasized.



## ■ Practical considerations for placing an implant immediately following extraction

**Friday, August 11** 3:30 p.m. – 5:30 p.m.  
**Room** Shimmer  
**Speaker/Expert** Dr. Gabor Tepper

HO 11.1

### Description

During this hands-on exercise participants will have the opportunity to place an implant in a partially edentulous model with a representative extraction socket. Strategies to achieve initial stability for single- and multi-rooted teeth will be discussed. Participants will explore the possibilities for immediate provisionalization by placing the required components on the installed implant.





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■ **Implant site development using GBR for horizontal and vertical ridge deficiencies (with mandibular pig jaw specimen)**

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**Saturday, August 12** 10:30 a.m. – 12:30 p.m.  
**Room** Glimmer 1

HO 10.2

**Speaker/Expert** Dr. Sascha Jovanovic

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**Description**

Optimal implant site development is important for both short-term and long-term implant function and esthetics. This hands-on program will address different jawbone site deficiencies and provide the participant the opportunity to work with representative bone harvesting scrapers, xenograft, GBR membranes, fixation materials, and suture materials in a fresh pig jaw model. The step-by-step protocol for GBR success, ease of handling, and instrumentation to facilitate procedures will be emphasized.



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■ **All-on-4® treatment concept – surgical hands-on**

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**Saturday, August 12** 3:30 p.m. – 5:30 p.m.  
**Room** Glimmer 2

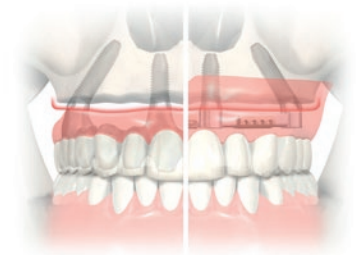
HO 9.2

**Speaker/Expert** Dr. Anthony Sclar

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**Description**

This presentation will introduce the All-on-4® treatment concept for full-arch Immediate Function as a “patient-centered approach” that provides numerous benefits for patients suffering from edentulism and terminal dentition. The scientific basis, biomechanical validity, and published patient outcome data will be reviewed. Participants will also learn important case selection criteria and diagnostically driven treatment planning concepts to avoid complications. Clinical case presentations followed by a hands-on surgical session will help participants identify straightforward, advanced, and complex case types based on available bone to support implants, location of the anterior maxillary sinus wall and mental nerves, localized bone defects, and occlusal-biomechanical requirements for success.



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# Dental technology forum – Saturday, August 12

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## ■ Dental technician participation in the digital planning process

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**Saturday, August 12** 9:00 a.m. – 9:30 a.m.  
**Room** Glimmer 5

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**Speaker/Expert** Mr. Tom Wade

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**Description** This presentation will examine the many positive aspects of the laboratory technician's participation in the digital planning process of strategic implant and abutment placement. Successful prosthesis fabrication requires collaboration with the surgical and prosthetic team for maximum results. The laboratory technician's responsibility in the workflow and possible liability concerns that should be taken into consideration will also be addressed.

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## ■ Technology, the great equalizer in design and fabrication today

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**Saturday, August 12** 9:30 a.m. – 10:00 a.m.  
**Room** Glimmer 5

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**Speaker/Expert** Mr. Conrad Rensburg

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**Description** In an ever-changing and technology-driven industry, the capture and transfer of intraoral data is closing the gap between clinical and technical requirements. This data is not only linking today's technologies but more importantly eradicating many of the unpredictable procedures of the past. Mr. Rensburg will discuss why and how his team is involved with helping clinicians integrate clinical data capture into their practices. He will also discuss how this technology, combined with NobelProcera's extensive range of products, is making it easier for labs of all sizes to design and fabricate dental prosthetics with greater predictability.

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## ■ Bringing the plan to reality with patient restoration

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**Saturday, August 12** 10:00 a.m. – 10:30 a.m.  
**Room** Glimmer 5

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**Speaker/Expert** Dr. Scott MacLean

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**Description** Even when the lab technician is called in pretreatment consultation, execution of the treatment plan can be challenging in an analog world. However, key steps in the digital process can improve consistency of the treatment plan, fabrication, and final results for single-tooth, multiple-unit, and full-arch implant restorations.

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## ■ Battle of the Bars Design Competition

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**Saturday, August 12** 11:00 a.m. – 12:30 p.m.  
**Room** Glimmer 6, 7

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**Speaker/Expert** Mr. Tom Wade

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**Description** Come cheer on the top CAD designers in the Battle of the Bars Design Competition. The resounding success of the inaugural NobelProcera Battle of the Bars event in Chicago this past February proved that NobelProcera Network Labs have some of the best designers in the business. Top CAD designers will again be put to the test, where they will demonstrate their speed and superior design ideas in a head-to-head overdenture bar design competition. A panel of judges will oversee the competition and determine the top designer at this year's symposium.

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A decorative graphic consisting of several gray hexagons of various sizes and orientations, some with rounded corners, arranged in a cluster around a central red hexagon.

## 2nd International Zygoma Summit

# Schedule at a glance

Sunday, August 13

**Moderators:** Dr. Saj Jivraj, 8:30 a.m. – 10:30 a.m., 1:30 p.m. – 3:30 p.m.  
Dr. Edmond Bedrossian, 11:00 a.m. – 12:30 p.m., 1:30 p.m. – 3:30 p.m.

## 2nd International Zygoma Summit – Sparkle East Ballroom

Time	Title	Speaker/Expert
8:30 a.m. – 9:30 a.m.	<b>The role of the zygoma bone in implant dentistry – a distant anchorage site</b>	Dr. Edmond Bedrossian
9:30 a.m. – 10:00 a.m.	<b>An alternative protocol for the use of zygomatic implants</b>	Dr. Paulo Maló
10:00 a.m. – 10:30 a.m.	<b>Zygomatic implants – when grafting is not an option</b>	Dr. Cesar Guerrero
10:00 a.m. – 10:30 a.m.	<i>Break – Luster Gallerie</i>	
11:00 a.m. – 12:00 p.m.	<b>Clinical case presentations: Management of failed grafting or traditional implant procedures with zygomatic implants – “the rescue concept”</b> East Coast experience West Coast experience	Dr. Frank Tuminelli / Dr. Jay Neugarten Dr. Saj Jivraj / Dr. Hooman Zarrinkelk
12:00 p.m. – 12:30 p.m.	<b>Panel discussion / Q &amp; A from audience</b>	All speakers
12:30 p.m. – 1:30 p.m.	<i>Lunch – Luster Gallerie</i>	
1:30 p.m. – 3:30 p.m.	<b>Prosthetic hands-on session</b> Zygoma concept	Dr. Saj Jivraj – Moderator Dr. Frank Tuminelli
1:30 p.m. – 3:30 p.m.	<b>Surgical hands-on session</b> Zygoma concept	Dr. Edmond Bedrossian – Moderator Dr. Cesar Guerrero Dr. Jay Neugarten Dr. Hooman Zarrinkelk

MP: Main program MC: Master class HO: Hands-on session

■ Symposium – Main program ■ Master class ■ Hands-on session ■ Dental technology forum ■ 2nd International Zygoma Summit

We reserve the right to change speakers, times, and content without notice.

## 2nd International Zygoma Summit – Sunday, August 13

### ■ The role of the zygoma bone in implant dentistry – a distant anchorage site

<b>Sunday, August 13</b>	8:30 a.m. – 9:00 a.m.
<b>Room</b>	Sparkle East
<b>Speaker/Expert</b>	Dr. Edmond Bedrossian
<b>Description</b>	The zygoma bone has served as a reliable distal anchorage site for stabilization of implants to support fixed prosthesis. Understanding the role of the zygomatic implant in the algorithm of treatment planning in contemporary practice is essential. This presentation will review the role of the zygomatic implant in reconstruction of congenital defects and acquired defects, as well as the treatment of the severely resorbed maxilla. The role of the zygomatic implant as the “rescue concept” when previous surgical treatments have failed will also be discussed. Review of the surgical and prosthetic biomechanical principles of the zygomatic implant will give attendees a comprehensive understanding of this implant’s role in everyday practice.

### ■ An alternative protocol for the use of zygomatic implants

<b>Sunday, August 13</b>	9:30 a.m. – 10:00 a.m.
<b>Room</b>	Sparkle East
<b>Speaker/Expert</b>	Dr. Paulo Maló
<b>Description</b>	The use of zygomatic implants is a good alternative to restore function and esthetics of patients with atrophic maxillae; it offers obvious advantages when compared to other approaches, including bone grafting-based ones. Through the alternative protocol presented in this session – the extramaxillary technique – it becomes possible to restore severely resorbed maxillae cases in an efficient and predictable way following an Immediate Function protocol. The extramaxillary technique can avoid the membrane and sinus approach, allowing the possibility of greater length of zygomatic bone anchorage. This approach can also become advantageous for the prosthetic part of the rehabilitation, since an improved prosthetic screw exit position can be achieved, resulting in a more favorable outcome in terms of biomechanics and in-home patient maintenance.

### ■ Zygomatic implants – when grafting is not an option

<b>Sunday, August 13</b>	10:00 a.m. – 10:30 a.m.
<b>Room</b>	Sparkle East
<b>Speaker/Expert</b>	Dr. Cesar Guerrero
<b>Description</b>	Several variables are considered when restoring patients suffering severe maxillary atrophy or certain clinical situations lacking hard and/or soft tissue secondary to trauma, tumor resection, or severe infection. Quality of mandibular dentition (full dentition versus edentulous lower jaw), skeletal relationship (Class I versus Class III Angle Classification), age (healthy people can reach their 90s and even 100s), and presence of bruxism (or not) – all can influence the selection of the right treatment protocol. These patients may be ideal candidates for the multiple zygomatic implant anchorage, with same-day fixed dental rehabilitation. Prof. P-I Brånemark recommended anchoring the fixtures in the adjacent bone in the presence of severe atrophy or for those needing a maxillofacial prosthesis. This presentation will introduce several protocols for either pentagonal or hexagonal design, as well as unilateral clinical situations, distributing the forces equally in the maxillary periphery with minimal cantilever.

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■ **Clinical case presentations: Management of failed grafting or traditional implant procedures with zygomatic implants – “the rescue concept”**

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<b>Sunday, August 13</b>	11:00 a.m. – 12:00 p.m.
<b>Room</b>	Sparkle East
<b>Speaker/Expert</b>	East Coast experience      Dr. Frank Tuminelli / Dr. Jay Neugarten West Coast experience      Dr. Saj Jivraj / Dr. Hooman Zarrinkelk
<b>Description</b>	Placement of zygomatic implants can become a “rescue procedure” when other more traditional treatments have been unsuccessful. This allows for continuity of care without resorting to a removable denture. Case presentations will demonstrate how the zygomatic implant has expanded treatment options for complex surgical challenges.

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■ **Prosthetic hands-on session – zygoma concept**

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<b>Sunday, August 13</b>	1:30 p.m. – 3:30 p.m.
<b>Room</b>	Sparkle East
<b>Speakers/Experts</b>	Dr. Saj Jivraj (Moderator) Dr. Frank Tuminelli
<b>Description</b>	This hands-on course will allow the participants to understand the various components and steps used for the “direct conversion” of a full denture to a fixed implant-supported prosthesis (provisional fixed bridge). Maxillary models with angled and straight Multi-unit Abutments as well as temporary titanium cylinders will be provided for each participant. The course will review the components needed for the fabrication of a fixed provisional prosthesis, steps for the “direct” intraoral conversion of the patient denture to a fixed provisional prosthesis, and management of the provisional prosthesis during the osseointegration period. Upon completion of the hands-on experience, the participants will understand the steps for fabrication of a fixed immediate-load provisional and are encouraged to save the models for patient demonstration purposes.

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■ **Surgical hands-on session – zygoma concept**

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<b>Sunday, August 13</b>	1:30 p.m. – 3:30 p.m.
<b>Room</b>	Sparkle East
<b>Speakers/Experts</b>	Dr. Edmond Bedrossian (Moderator) Dr. Cesar Guerrero / Dr. Jay Neugarten / Dr. Hooman Zarrinkelk
<b>Description</b>	This hands-on course will allow the participants to understand the armamentarium and the surgical protocol for placement of Brånemark System® Zygoma implants using the ad modum Brånemark technique. The discussion will focus on understanding the “trajectory” of the osteotomy. The steps for placement of a single zygoma implant as well as the zygoma quad concept will be communicated in depth.

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# Faculty

## Alexandre Aalam, DDS

Dr. Alexandre Aalam graduated with a DDS degree from the University of Nice Sophia Antipolis, Nice (France). He subsequently specialized in advanced periodontics at the University of Southern California, Los Angeles. Dr. Aalam is a diplomate of the American Board of Periodontology and a diplomate of the American Board of Oral Implantology. The French Society and the California Society of Periodontology awarded Dr. Aalam for his contribution to clinical research in the field of implant dentistry. Dr. Aalam is a clinical assistant professor at the USC School of Dentistry in the Department of Advanced Periodontics. In 2012, Dr. Aalam was appointed as the USC dental school representative on the Board of Governors. He maintains a private practice in Brentwood, California, limited to periodontics and reconstructive implant dentistry. Dr. Aalam lectures and publishes in the field of dental implant and site development procedures.



Dr. Alexandre Aalam

- Main program: Friday, August 11, 10:30 a.m. – 11:00 a.m.
- Hands-on session: Friday, August 11, 3:30 p.m. – 5:30 p.m.

## Tara Aghaloo, DDS, MD, PhD

Dr. Tara Aghaloo completed her dental training at the University of Missouri in Kansas City, and oral and maxillofacial surgery residency and MD at UCLA. Subsequently, she completed a PhD in oral biology at UCLA. Dr. Tara Aghaloo is professor in oral and maxillofacial surgery at the UCLA School of Dentistry. Her clinical practice focuses on bone and soft-tissue regeneration for dental implants. She is a diplomate of the American Board of Oral and Maxillofacial Surgery. She is also active in professional organizations where she is a board member of the Academy of Osseointegration, Board of Regents member of the ACOMS, fellow of the ITI, and section editor of the *International Journal of Oral & Maxillofacial Implants*. She lectures nationally and internationally on dental implant surgery and tissue regeneration, including alveolar ridge augmentation, sinus grafting, growth factors, full-arch immediate reconstruction, and peri-implantitis.



Dr. Tara Aghaloo

- Main program: Friday, August 11, 3:30 p.m. – 5:00 p.m.

## Tomas Albrektsson, MD, PhD

Dr. Tomas Albrektsson was recruited by Prof. Per-Ingvar Brånemark in 1967 to study osseointegrated implants at Gothenburg University. He completed his MD in 1973 and his doctorate in 1979, publishing his thesis on the healing of bone grafts (with Brånemark as faculty supervisor). He has since authored several published studies on osseointegration, has been the editor of 10 scientific books, and has served on eight editorial boards of international scientific journals. Currently, Dr. Albrektsson is professor emeritus of the Department of Biomaterials at Gothenburg University, visiting professor at the Prosthodontics Department of Malmö Dental School, and affiliated with the Royal College of Physicians and Surgeons of Glasgow.



Dr. Tomas Albrektsson

- Main program: Saturday, August 12, 8:30 a.m. – 9:00 a.m.

## Russell Baer, DDS (Moderator)

Dr. Russell Baer graduated from the University of Illinois School of Dentistry in 1985. He is a past clinical associate professor at the University of Chicago where he taught implant dentistry in the general practice residency and maxillofacial prosthodontics. He conducted clinical research on single-tooth immediate load using NobelReplace and NobelReplace Conical Connection. His passion for implant dentistry led him to the former Soviet Union, where he founded the Chicago Center for Advanced Dentistry and serves as academic director. The center is the leading training center of oral implantology and advanced dental techniques in the region and has offices in Moscow, Kiev, Vilnius, Almaty, and Mumbai, India. Dr. Baer has a private practice in downtown Chicago that specializes in implant and reconstructive dentistry.



Dr. Russell Baer

- Main program: Friday, August 11, 1:30 p.m. – 5:00 p.m.

# Faculty

## **Oded Bahat, BDS, MSD** (Moderator)

Dr. Oded Bahat graduated from the University of the Witwatersrand School of Medicine and Dentistry in South Africa in 1977. In 1981 he received his specialty degree in periodontology as well as his MSD from the University of Washington in Seattle, Washington. He has been a diplomate of the American Board of Periodontology since 1986. He is a past chairman and director of the postgraduate periodontics program at the University of Southern California School of Dentistry, lectures nationally and internationally, and has published over 30 scientific articles. He is on the review board of the *Journal of Oral & Maxillofacial Implants* and the *Journal of Clinical Implant Dentistry and Related Research*. He currently maintains a private practice in Beverly Hills, California.



Dr. Oded Bahat

■ Main program: Friday, August 11, 8:30 a.m. – 12:30 p.m.

## **Edmond Bedrossian, DDS** (Moderator/Speaker)

Dr. Edmond Bedrossian received his DDS in 1986 from the University of The Pacific, School of Dentistry, and completed a four-year oral and maxillofacial residency training program at the Alameda Medical Center. In addition to private practice, Dr. Bedrossian is the director of the surgical implant training program for both the oral and maxillofacial (OMFS) residents at Highland Hospital, Alameda Medical Center, and the undergraduate DDS/IDS students at the University of the Pacific Arthur A. Dugoni School of Dentistry. Dr. Bedrossian is a diplomate of the American Board of Oral and Maxillofacial Surgery and a fellow of the American College of Oral and Maxillofacial Surgeons, American College of Dentists, International College of Oral and Maxillofacial Surgeons, and the Academy of Osseointegration. He serves on the editorial board of the *International Journal of Oral and Maxillofacial Implants*, among other journals.



Dr. Edmond Bedrossian

■ Zygora summit: Sunday, August 13, 8:30 a.m. – 9:30 a.m.  
Sunday, August 13, 11:00 a.m. – 12:30 p.m. (Moderator)  
Sunday, August 13, 1:30 p.m. – 3:30 p.m. (Moderator)

## **Bobby Birdi, DMD, MSc**

Dr. Birdi received his dental degree from the University of Saskatchewan and his postgraduate specialty training in both periodontics and prosthodontics from the University of Minnesota. He is a fellow and examiner for the Royal College of Dentists of Canada and a diplomate of both the American Board of Periodontology and the American Board of Prosthodontics. Dr. Birdi is an adjunct assistant professor at the University of British Columbia and the University of Minnesota, where he is involved in research projects and clinical trials. Dr. Birdi is presently the director of the Pacific Institute for Advanced Dental Education, which is a learning academy for fellow dentists. He practices at the BC Perio Dental Health & Implant Centres in Vancouver and Coquitlam. His practice focuses on comprehensive periodontal and prosthetic treatment with a major focus on esthetics and implant dentistry.



Dr. Bobby Birdi

■ Hands-on session: Friday, August 11, 10:30 a.m. – 12:30 p.m.  
Saturday, August 12, 3:30 p.m. – 5:30 p.m.

## **Steven Bongard, DDS**

Dr. Steven Bongard obtained his DDS degree from the University of Toronto Faculty of Dentistry in 1986. He has extensive experience in implant placement and bone grafting procedures as well as the prosthetic component of implant restoration. He has published and lectured both nationally and internationally on implant placement, the All-on-4® treatment concept, guided implant surgery, and alternative implant solutions. Dr. Bongard is president and chief of clinical services for Chrysalis Dental Centres in Toronto, Ontario, where he has been performing dental implant procedures since 2006. His recent focus has been on developing innovative implant solutions for predictable same-day treatment of the severely atrophic edentulous patient.



Dr. Steven Bongard

■ Main program: Friday, August 11, 11:30 a.m. – 12:00 p.m.  
■ Hands-on session: Friday, August 11, 3:30 p.m. – 5:30 p.m.



**Lesley David, DDS (Moderator)**

Dr. Lesley David received her DDS from McGill University in 1993 and completed her oral and maxillofacial surgery training at the University of Toronto in 1999. In addition to private practice in Toronto, Dr. David is a clinical instructor in oral and maxillofacial surgery at the University of Toronto and on staff at Mt. Sinai Hospital, Trillium Hospital, and Credit Valley Hospital. She is a fellow and examiner of the Royal College of Dentists of Canada. Dr. David has published various articles and chapters on implant dentistry and lectures nationally and internationally on implant dentistry and oral and maxillofacial surgery.



Dr. Lesley David

■ Main program: Saturday, August 12, 8:30 a.m. – 12:30 p.m.

**George Duello, DDS, MS**

Dr. George Duello received his DDS degree in 1979 from the University of Missouri–Kansas City School of Dentistry. In 1981, he completed his residency training in periodontics and received a master's in oral biology at UMKC School of Dentistry. He is a diplomate of the American Board of Periodontology and a fellow of the American College of Dentists. Dr. Duello is the director of the Gateway Study Club, a chapter of the Seattle Study Club, in St. Louis. Dr. Duello was one of the first US periodontists trained in the Brånemark System technique in 1987, and has taught NobelClinician Software and the All-on-4® treatment concept throughout the world. He has been involved extensively in planning continuing education in the US with the American Academy of Periodontology and the Seattle Study Club.



Dr. George Duello

■ Main program: Friday, August 11, 11:00 a.m. – 11:30 a.m.

■ Hands-on session: Friday, August 11, 3:30 p.m. – 5:30 p.m.

**Cesar Guerrero, DDS**

Dr. Cesar Guerrero attended dental school at the Central University of Venezuela and completed his residency in oral and maxillofacial surgery at University of Texas Southwestern/Parkland Memorial Hospital in 1981. He is an assistant professor in the Division of Oral and Maxillofacial Surgery, Department of Surgery, at the University of Texas Medical Branch, Galveston. His specialties include severe facial deformities, facial reconstruction, clefts, zygoma or extraoral implants, distraction osteogenesis, and more. He is a former American College of Oral and Maxillofacial Surgeons regent, frequent lecturer, and advocate for the organization. He is the author of 27 book chapters and 85 scientific articles and serves as a reviewer for the *Oral Surgery Oral Medicine Oral Pathology Oral Radiology* journal, *Journal of Oral and Maxillofacial Surgery*, and the *International Journal of Oral and Maxillofacial Surgery*.



Dr. Cesar Guerrero

■ Zygoma summit: Sunday, August 13, 10:00 a.m. – 10:30 a.m.  
Sunday, August 13, 1:30 p.m. – 3:30 p.m.

**Kenji Higuchi, DDS, MS**

Dr. Kenji Higuchi graduated from University of Iowa Roy J. and Lucille A. Carver College of Medicine in 1969. Currently in private practice in Spokane, Washington, he has held past full-time and adjunct academic appointments at the University of Iowa. Dr. Kenji Higuchi is a diplomate of the American Board of Oral and Maxillofacial Surgery, and holds fellowships in the American Association of Oral and Maxillofacial Surgeons and American College of Dentists, among others. Dr. Higuchi has authored or co-authored 36 publications and has lectured internationally for the past 30 years. He serves as a consultant to the *International Journal of Oral and Maxillofacial Implants* and *Clinical Implant Dentistry and Related Research*.



Dr. Kenji Higuchi

■ Main program: Saturday, August 12, 9:30 a.m. – 10:00 a.m.

# Faculty

## David Lee Hill, DDS

Dr. David Lee Hill Jr. received his DDS from the West Virginia University School of Dentistry. He went on to complete a two-year general practice residency at the University of North Carolina Hospital and a four-year residency in oral and maxillofacial surgery at UNC. In addition to his implant and oral surgery practice in Chapel Hill, North Carolina, Dr. Hill currently serves as an adjunct clinical instructor in the Department of Oral and Maxillofacial Surgery at UNC–Chapel Hill. He is a member of the American Association of Oral and Maxillofacial Surgeons, the International Congress of Oral Implantologists, and the Academy of Osseointegration, among others.

■ Main program: Friday, August 11, 3:30 p.m. – 5:00 p.m.



Dr. David Lee Hill

## Saj Jivraj, DDS, MSED (Moderator/Speaker)

Dr. Sajid Jivraj holds degrees from the University of Manchester, England, and the University of Southern California (USC). He is the former chairman section of fixed prosthodontics and operative dentistry at USC School of Dentistry. Dr. Jivraj has published numerous articles on esthetic and implant dentistry and co-authored the textbook *Treatment Planning in Implant Dentistry*. He is on the editorial board of the *Journal of Esthetic and Restorative Dentistry* and the advisory board of *Teamwork Magazine*. Dr. Jivraj currently holds a faculty position as associate clinical professor at the USC School of Dentistry, is honorary clinical teacher at the Eastman Dental Institute, London, and maintains a private practice in Oxnard, California.

■ Main program: Saturday, August 12, 11:30 a.m. – 12:00 p.m.  
■ Zygoma summit: Sunday, August 13, 11:00 a.m. – 12:00 p.m.  
Sunday, August 13, 1:30 p.m. – 3:30 p.m. (Moderator)



Dr. Saj Jivraj

## Sascha Jovanovic, DDS, MS

Dr. Sascha Jovanovic was formally trained in periodontics at the UCLA School of Dentistry; in implant dentistry at Loma Linda University; and in prosthodontics at University of Aachen, Germany. He holds a master of science degree in oral biology from UCLA and is director and founder of the web-based Global Institute for Dental Education (glIDE) at gidedental.com. Dr. Jovanovic is presently an associate professor with Loma Linda University's implant program. He is the past president of the European Association for Osseointegration (EAO). He has lectured extensively worldwide and has published over 70 articles and book chapters, and one textbook. Dr. Jovanovic maintains a private practice in Santa Monica, California.

■ Master class: Saturday, August 12, 8:00 a.m. – 9:30 a.m.  
■ Hands-on session: Saturday, August 12, 10:30 a.m. – 12:30 p.m.



Dr. Sascha Jovanovic

## Joseph Kan, DDS, MS

Dr. Joseph Kan completed his specialty training in prosthodontics and a master's degree from the Implant Dentistry Program at Loma Linda University School of Dentistry (LLUSD) in 1997. He is currently a professor in the Department of Restorative Dentistry at LLUSD and also maintains a private practice limited to implant surgery and prosthodontics. In 1997, Dr. Kan was the recipient of the Best Research Award from the Academy of Osseointegration. He received the Judson Hickey Scientific Award from *The Journal of Prosthetic Dentistry* in 2003 and the Robert James Achievement Award in 2005 for his contribution in the field of implant dentistry. Dr. Kan is on the editorial board of the *International Journal of Esthetic Dentistry* and the *International Journal of Periodontics and Restorative Dentistry*. Besides providing both lectures and surgical demonstrations worldwide, he has published over 70 articles in the area of interdisciplinary treatment with a focus on anterior implant esthetics.

■ Main program: Friday, August 11, 8:30 a.m. – 9:00 a.m.



Dr. Joseph Kan

**Pascal Kunz, MD, DDS**

Dr. Pascal Kunz received his medical and dental degrees from the University of Basel. He has worked as an MD in the surgical department Bezirksspital Zofingen in Switzerland and as a dentist in both private practice and on the Faculty of Reconstructive Dentistry, University of Basel. Dr. Kunz joined Nobel Biocare Headquarters in Zurich in 2007 where he is leading the global product management team focusing on digital diagnostics, treatment planning, and computer-aided surgery.

■ Main program: Saturday, August 12, 4:30 p.m. – 5:30 p.m.



Dr. Pascal Kunz

**Scott MacLean, DDS**

Dr. Scott MacLean graduated in 1991 as valedictorian of his class at the Dalhousie Dental School in Halifax, Nova Scotia. He is currently a part-time clinical professor at the Dalhousie University Dental Clinic in the "Implant Elective" and the "Art Esthetic Elective." He is the founder and president of the "AIM4 Excellence" Atlantic Implant Mentorship Study Club and has been producing teaching videos for youtube.com presentations under the username of "smmaclean." Dr. MacLean is a member of the International Congress of Oral Implantologists, the Academy of Osseointegration, and The American Academy of Cosmetic Dentistry, among others. He is a fellow of the Academy of Dentistry International, The Pierre Fauchard Academy, and The American College of Dentists. His general practice in Halifax, Nova Scotia, focuses on referral-based implant and esthetic dentistry.

■ Main program: Friday, August 11, 1:30 p.m. – 2:00 p.m.  
Saturday, August 12, 3:30 p.m. – 4:30 p.m.  
■ Dental tech forum: Saturday, August 12, 10:00 a.m. – 10:30 a.m.



Dr. Scott MacLean

**Jay Malmquist, DMD (Moderator)**

Dr. Malmquist is a graduate of the University of Oregon and the University of Oregon Dental School. He completed a rotating internship in the US Army and a residency in oral and maxillofacial surgery at Oregon Health Sciences University. He is a diplomate of the American Board of Oral and Maxillofacial Surgery and completed seven years as a board examiner. He is the past treasurer and past president of the American Association of Oral and Maxillofacial Surgeons and is a reviewer for the *Journal of Oral and Maxillofacial Surgery*, the *Journal of Periodontics and Restorative Dentistry*, and the *International Journal of Oral and Maxillofacial Implants*. Dr. Malmquist maintains a private practice in Portland, Oregon, specializing in oral and maxillofacial surgery.

■ Main program: Saturday, August 12, 1:30 p.m. – 5:30 p.m.



Dr. Jay Malmquist

**Paulo Maló, DDS, PhD**

Dr. Paulo Maló received his dental degree from the Faculty of Dental Medicine at the University of Lisbon in 1989. He founded the MALO CLINIC in 1995 where he developed the MALO CLINIC Protocol (surgical techniques and innovative products such as the All-on-4® treatment concept, a new zygoma implant and protocol, the NobelSpeedy implant, and the advanced technical solution MALO CLINIC BRIDGE). Dr. Maló is a visiting professor at several universities, has published numerous scientific journal articles, and is co-author of several textbooks. Dr. Maló lectures regularly at international conferences and has also received several distinctions and awards for his medical/dental breakthrough and his management, leadership, and entrepreneurial skills.

■ Main program: Saturday, August 12, 11:00 a.m. – 11:30 a.m.  
■ Zygoma summit: Sunday, August 13, 9:30 a.m. – 10:00 a.m.



Dr. Paulo Maló

# Faculty

## **Suzie Maxwell, DD**

Ms. Suzie Maxwell graduated from the George Brown Denturist program in 2002. She worked in private practice for four years before joining Chrysalis Dental Centers where she has been able to focus almost exclusively on the All-on-4® treatment concept. Today, she is one of the profession's most experienced and sought-after specialists on the conversion and restoration of the All-on-4® treatment concept. Participating in over 2,000 All-on-4® cases, she has extensive knowledge both on the clinical and laboratory side.

■ Main program: Saturday, August 12, 1:30 p.m. – 2:00 p.m.



Ms. Suzie Maxwell

## **Mike Meek, DDS**

Dr. Mike Meek was a 1997 graduate from the dental school at the University of Texas Health Science Center San Antonio. His class was the first undergraduate dental class to receive training in implant dentistry. Because of this fortunate timing, implant dentistry has been a part of his practice from day one. Since 1997, the application of implant dentistry to all areas of prosthetics has grown organically in this practice. Dr. Meek was awarded the Fellow of the Academy of General Dentistry (FAGD) in 2012 and has made the study of implant dentistry and prosthetics the center of his continuing education.

■ Master class: Friday, August 11, 3:30 p.m. – 5:30 p.m.  
Saturday, August 12, 1:30 p.m. – 3:30 p.m.



Dr. Mike Meek

## **Sanda Moldovan, DDS, MS, CNS**

Dr. Sanda Moldovan is a graduate of The Ohio State University School of Dentistry. She received her postgraduate training in periodontics from the University of California Los Angeles, earning a master of science in oral biology from UCLA. Additionally, she is a trained and certified nutritionist as well as an American Academy of Periodontology (AAP) diplomate. Dr. Moldovan lectures at the UCLA School of Dentistry on topics such as dental implants and nutrition for a healthy mouth. She is an editor for the *Inside Dentistry* magazine and has performed live dental-implant surgeries for the CBS network's renowned TV show *The Doctors*, serving as an oral health consultant for network television shows on CBS and NBC. Currently Dr. Moldovan is a practicing periodontist and nutritionist in Beverly Hills, California, and Manhattan in New York City.

■ Master class: Friday, August 11, 3:30 p.m. – 5:00 p.m.  
Saturday, August 12, 3:30 p.m. – 5:00 p.m.



Dr. Sanda Moldovan

## **Dr. Jay Neugarten, DDS, MD**

Dr. Jay Neugarten graduated class valedictorian from the Columbia University School of Dental and Oral Surgery. He completed his residency in oral and maxillofacial surgery at North Shore University–Long Island Jewish Medical Center, and earned his medical degree at Stony Brook School of Medicine. He is a diplomate of the American Board of Oral and Maxillofacial Surgeons, and a fellow of the American College of Surgeons. Dr. Neugarten is also an associate clinical professor at both New York Hospital Cornell–Weil Medical Center and North Shore University–Long Island Jewish Medical Center, where he is an active educator of residents. Dr. Neugarten has lectured both nationally and internationally on implant reconstruction of the jaws using traditional implant therapy as well as the zygomatic implant solution. Dr. Neugarten maintains a private practice in oral and maxillofacial surgery in Manhattan and Long Island, New York.

■ Main program: Saturday, August 12, 3:30 p.m. – 4:30 p.m.  
■ Zygoma summit: Sunday, August 13, 11:00 a.m. – 12:00 p.m.  
Sunday, August 13, 1:30 p.m. – 3:30 p.m.



Dr. Jay Neugarten

### Jonathan Ng, DDS

Dr. Jonathan Ng earned his bachelor of medical sciences and doctor of dental surgery degrees at the University of Alberta. Following completion of a general practice residency, he continued at the University of Alberta Hospital as a staff dentist treating medically compromised patients in a clinical and operating room setting. He received his specialist training in prosthodontics at the University of British Columbia in Vancouver. Dr. Ng is currently an assistant clinical professor at the UBC Department of Dentistry and is also on staff as a clinical prosthodontist at the BC Cancer Agency in Vancouver delivering multifaceted prosthodontic care and oral and facial rehabilitation to medically complex patients. Dr. Ng maintains a private practice in Vancouver, Canada. He focuses his private practice on esthetic and functional reconstruction ranging from the single-tooth situation to complex prosthodontics.



Dr. Jonathan Ng

- Master class: Friday, August 11, 10:30 a.m. – 12:30 p.m.
- Main program: Friday, August 11, 2:00 p.m. – 2:30 p.m.

### Gary Orentlicher, DMD

Dr. Gary Orentlicher graduated from the University of Medicine and Dentistry of New Jersey and completed his residency in oral and maxillofacial surgery at Long Island Jewish Medical Center. He completed dental school with six major awards in various dental specialties. In 1984, while a resident, he was the recipient of the prestigious Merck, Sharpe & Dohme Resident Research Award. Dr. Orentlicher has authored many publications and book chapters, and was editor of a textbook, published by Elsevier, entitled *Digital Technologies in Oral and Maxillofacial Surgery*. He has lectured extensively on subjects such as computer-guided implantology, bone grafting for dental implants, and virtual planning for orthognathic surgery. Dr. Orentlicher is chief of oral and maxillofacial surgery at White Plains Hospital Center. He is a diplomate of the American Board of Oral and Maxillofacial Surgery and a fellow of the American Association of Oral and Maxillofacial Surgeons.



Dr. Gary Orentlicher

- Hands-on session: Saturday, August 12, 10:30 a.m. – 12:30 p.m.
- Main program: Saturday, August 12, 3:30 p.m. – 4:30 p.m.

### Ernest Orphanos, DDS

Dr. Ernest Orphanos, a board certified periodontist, received his dental degree from SUNY Stony Brook in 1992. In 1994 he completed his specialty training in periodontics at Tufts University and is now a visiting lecturer at Tufts University Department of Periodontics. Dr. Orphanos opened his private practice in 1997. He has lectured both nationally and internationally on topics pertaining to full-arch solutions with a unique facial approach to achieve ideal esthetics. He has devised a specific protocol for same-day predictable delivery of prosthetics. His facial approach and specific protocols for prosthetically driven Immediate Function allow for a simplification of the entire process from initial exam to final delivery of the prosthesis. Dr. Orphanos maintains a private practice in Boca Raton, Florida, and limits his practice to implant dentistry and associated hard- and soft-tissue procedures.



Dr. Ernest Orphanos

- Main program: Saturday, August 12, 2:30 p.m. – 3:00 p.m.

### Joe Perillo, CDT

Mr. Joe Perillo completed his certification program in dental technology, then received advanced training working for Austenal Dental as a research and development technician of dental laboratory products. With over 30 years' experience in the industry, he has been a technical consultant for both Austenal Dental and Nobel Biocare and has successfully built surgical, restorative, and laboratory implant teams. He is currently the NobelProcera education manager for Nobel Biocare USA.

- Hands-on session: Friday, August 11, 9:00 a.m. – 12:30 p.m.  
Saturday, August 12, 9:00 a.m. – 12:30 p.m.



Mr. Joe Perillo



# Faculty

## **Sundeep Rawal, DMD**

Dr. Sundeep Rawal graduated in 2002 from the University of Florida with a bachelor of science in microbiology and cell science and a minor in business administration. He continued his education at the UF College of Dentistry and earned his doctorate of dental medicine in May 2006. In 2009 he completed his training in prosthodontics at the University of California San Francisco. Dr. Rawal has worked extensively to utilize CAD/CAM technologies within the scope of clinical dentistry and enhance his patients' restorative treatments. He has lectured across the US as well as internationally. Member affiliations include the American College of Prosthodontics, the American Academy of Cosmetic Dentistry, the American Dental Association, and the International Congress of Oral Implantology. He is currently in private practice in central Florida serving Orlando and east to the Beaches.



Dr. Sundeep Rawal

■ Main program: Friday, August 11, 3:30 p.m. – 5:00 p.m.

## **Conrad Rensburg, ND, NHD**

Mr. Conrad Rensburg graduated under full scholarship from Pretoria Tech in 1992, with a four-year baccalaureate degree in technology. Since that time, he has specialized in fixed prosthetics with a heavy emphasis on dental implant restorations. While employed by ADW Dental as senior ceramist, Mr. Rensburg received managerial certification from the SADTC in 1995. He then owned and operated RensTech Fixed Prosthetics in Pretoria, South Africa. In 1999 he relocated to the US and was hired as the general manager of Absolute Dental Services in North Carolina. During that time, he created the Absolute implant department and became a working partner at Absolute Dental Services in Durham in 2004.

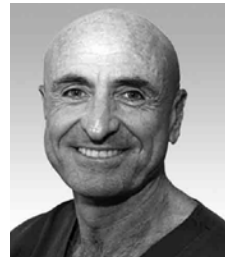


Mr. Conrad Rensburg

■ Dental tech forum: Saturday, August 12, 9:30 a.m. – 10:00 a.m.

## **Ruben Rosenberg, DDS**

Dr. Ruben Rosenberg received his DDS degree from the University of Chile in 1981 and then from Cagliari University in Italy. His postgraduate education in oral surgery was held at Pierre et Marie Curie University in France, where he was educated in advanced osseointegration surgery by Prof. Per-Ingvar Brånemark. He has also published as co-author two textbooks with Prof. Brånemark. Dr. Rosenberg is a visiting professor at the University of Chile, University Francisco Marroquin Guatemala, University Cayetano Heredia Peru, and Catholic University Uruguay. He has been in private practice since 1985 working exclusively in implant surgery, with over 130,000 implants placed. He is currently the head of the Nobel Biocare Training Center in Chile. In his practice he mostly focuses on immediate loading as well as jaws compromised with severe atrophy and continuity defects. He currently conducts a number of courses in his private clinic and has been a speaker at scientific meetings worldwide.



Dr. Ruben Rosenberg

■ Main program: Saturday, August 12, 10:00 a.m. – 10:30 a.m.

## **Anthony Sclar, DMD**

Dr. Anthony Sclar received his dental education at the University of Florida College of Dentistry. He completed an internship in hospital dentistry and a residency in oral and maxillofacial surgery at the University of Miami Jackson Memorial Hospital. He also completed an internship in general surgery at Central Medical Center in Pittsburgh. Dr. Sclar is an adjunct professor and director of clinical research and dental implant surgery in the Department of Oral and Maxillofacial Surgery, Nova Southeastern University College of Dentistry. He is the author of numerous publications including the multi-language textbook, *Soft Tissue and Esthetic Considerations in Implant Therapy* (Quintessence 2003) and holds diplomate status with the American Board of Oral and Maxillofacial Surgery. He is founder of the Sclar Center for Empowered Dental Implant Learning, which provides a structured implant surgery curriculum for doctors wanting to provide implant therapy with scientifically and clinically sound protocols. Since 1989, he has performed more than 15,000 successful dental implant procedures at his private practice in Miami.



Dr. Anthony Sclar

■ Hands-on session: Saturday, August 12, 3:30 p.m. – 5:30 p.m.

**Kyle Stanley, DDS (Moderator/Speaker)**

Dr. Kyle Stanley graduated magna cum laude from the Herman Ostrow School of Dentistry of the University of Southern California (USC) and then went on to complete a dental implant residence with a dental implant specialty in Florianopolis, Brazil. While at USC, Dr. Stanley completed an esthetic mini-residency with Dr. Pascal Magne, a world leader in bonding and esthetics, and was honored with the Charles L. Pincus Award for outstanding achievements in esthetic dentistry by the American Academy of Esthetic Dentistry. Dr. Stanley has published topics relating to esthetics, dental materials, dental implants, and surgery. Dr. Stanley maintains a private practice in Beverly Hills, California, where he emphasizes biomimetic, implant, and cosmetic dental services. Dr. Stanley is the co-director of the gIDE (Global Institute for Dental Education) Los Angeles Study Club.



Dr. Kyle Stanley

- Main program: Friday, August 11, 3:30 p.m. – 5:00 p.m.
- Dental tech forum: Saturday, August 12, 9:00 a.m. – 12:30 p.m. (Moderator)

**Reena Talwar, DDS, PhD**

Dr. Reena Talwar obtained her bachelor's degree in zoology from the University of Toronto and her doctor of dental surgery (DDS) degree from Case Western Reserve University in Cleveland, Ohio. She then completed a research fellowship at UT Southwestern Medical Center and received her training in oral and maxillofacial surgery in a combined OMS/PhD training program at Baylor College of Dentistry in Dallas, Texas. She is an associate professor in the Division of Oral and Maxillofacial Surgery, Faculty of Medicine and Dentistry at the University of Alberta. Her primary clinical interests include dentoalveolar surgery, implantology, skeletal and facial deformities and trauma. She is currently developing a research project at the University of Alberta aimed at identifying specific cellular events in the oral cavity in patients with Crohn's disease.



Dr. Reena Talwar

- Main program: Saturday, August 12, 1:30 p.m. – 2:00 p.m.

**Gabor Tepper, MD, DMD, PhD**

Dr. Gabor Tepper graduated from Vienna Medical School with the highest possible score, and was subsequently awarded the Prize of the President of the Republic before enrolling in his postgraduate training at University of California–Los Angeles (UCLA). He has published dozens of peer-reviewed scientific research articles in various European and American journals on topics related to oral implants, and holds a teaching post at the Gottlieb-Bernhard University Clinic of the MUW (Vienna Medical University). He lectures nationally and internationally at conferences and functions as a global speaker for companies in the implant industry; to date he has given more 250 presentations.



Dr. Gabor Tepper

- Main program: Friday, August 11, 9:30 a.m. – 10:00 a.m.
- Hands-on session: Friday, August 11, 3:30 p.m. – 5:30 p.m.

**Tad Thompson, CDT**

Mr. Tad Thompson completed his dental technology training and then attended the University of Pittsburgh for a maxillofacial prosthetic technician certificate. He was the supervisor of the intraoral laboratory at the Eye and Ear Hospital of Pittsburgh's Maxillofacial Prosthetic Department where he also worked with the Cleft Palette Department at the University of Pittsburgh, School of Dental Medicine. His also gained experience working as a supervisor of a three-person laboratory for a dentist specializing in full-arch, full-mouth cases. In 2011, the American Dental Association and the National Board for Certification recognized Mr. Thompson for his 30 years of dedicated service as a certified dental technician. Mr. Thompson is currently senior product specialist (NobelProcera, NobelClinician) at Nobel Biocare.



Mr. Tad Thompson

- Hands-on session: Friday, August 11, 9:00 a.m. – 12:30 p.m.  
Saturday, August 12, 9:00 a.m. – 12:30 p.m.

# Faculty

## Frank Tuminelli, DMD

Dr. Frank Tuminelli received his dental degree from Fairleigh Dickenson University School of Dental Medicine. Following a one-year general practice residency at Long Island Jewish Medical Center, he returned to FDU for his certificate in prosthodontics. He is the program director for graduate prosthodontics at New York Hospital Queens (member of the Presbyterian Healthcare System). He served as the program director of advanced prosthodontics and implantology for the NSHLIJ Health System. Dr. Tuminelli is a diplomate of the American Board of Prosthodontics and fellow of the American College of Prosthodontists. He is the past president of the American College of Prosthodontists and of the Greater New York Academy of Prosthodontics. Dr. Tuminelli served as the team dentist for the New York Islanders for ten years. He maintains a private practice limited to prosthodontics on Long Island.



Dr. Frank Tuminelli

- Main program: Saturday, August 12, 3:30 p.m. – 4:30 p.m.
- Zygoma summit: Sunday, August 13, 11:00 a.m. – 12:00 p.m.  
Sunday, August 13, 1:30 p.m. – 3:30 p.m.

## Tom Wade, CDT

Mr. Tom Wade is a 1976 graduate of the Dental Technology Program at the US Air Force School of Health Care Sciences, Sheppard AFB, Wichita Falls, Texas. He has owned and operated New Horizons Dental Laboratory in Broomfield, Colorado, since 1983 and has always specialized in the fabrication of removable and implant prosthetics. He is a published author and lectures extensively on both clinical and laboratory aspects of multiple implant treatment of the edentulous arch, with an emphasis on 3D digital planning, the All-on-4® treatment concept, and CAD/CAM milled titanium bar restorations. Mr. Wade is a 2012 CDT of the Year nominee and is the lead instructor for two master-level dentures-on-implants courses, sponsored by the Ivoclar-Nobel Biocare partnership at the Implant Esthetics Center of Excellence in Sarasota, Florida.



Mr. Tom Wade

- Dental tech forum: Saturday, August 12, 9:00 a.m. – 9:30 a.m.
- Main program: Saturday, August 12, 2:00 p.m. – 2:30 p.m.

## Chandur Wadhvani, DDS, MSD

Dr. Chandur Wadhvani received his undergraduate and dental degrees from the University College London School of Dentistry. He received his specialty certificate in prosthodontics as well as a master's degree from the University of Washington School of Dentistry. Dr. Wadhvani is an affiliate instructor in the Department of Restorative Dentistry at the University of Washington, past president of the Washington State Society of Prosthodontists, and past president of the Tucker 60th Study Club. Dr. Wadhvani is primary author of several publications in peer-reviewed dental journals and is involved in several aspects of implant research with the University of Washington. He has written the first-ever evidence-based textbook dedicated to implant cementation to help clinicians as they work on implants.



Dr. Chandur Wadhvani

- Main program: Saturday, August 12, 9:00 a.m. – 9:30 a.m.

## Barry Wagenberg, DMD

Dr. Barry Wagenberg received his DMD from the University of Pennsylvania School of Dental Medicine and his certificate in periodontics from Columbia University. He is director of dental education and director of periodontics at Newark Beth Israel Medical Center and is an associate clinical professor at New York University Dental School. He has served on the Board of Trustees of the American Academy of Periodontology. Dr. Wagenberg is a diplomate of the American Board of Periodontology and fellow of the American College of Dentists, the International College of Dentists, and the Academy of Osseointegration, among others. Dr. Wagenberg has published numerous articles and a textbook, and has contributed chapters in two additional textbooks. He maintains a private practice in Essex County, New Jersey, while continuing his roles as educator, researcher, author, and lecturer.



Dr. Barry Wagenberg

- Main program: Friday, August 11, 9:00 a.m. – 9:30 a.m.



### **Patti Williamson**

Ms. Patti Williamson has been in the dental industry since 1996. She is presently the Nobel Biocare Eastern Area practice development specialist focusing her efforts on the East Coast with local territory managers and their customers. She assists the local territory managers in offering value-added tools for practice growth for specific targeted customers. Her areas of focus are web-based technologies and communication skills training for the dental practice, as well as the Treatment Efficiency Model (TEM)—a new business model for treating full-mouth rehabilitation.

■ Master class: Friday, August 11, 10:00 a.m. – 2:30 p.m.  
Saturday, August 12, 11:00 a.m. – 3:30 p.m.



Ms. Patti Williamson

### **Peter Wöhrle, DMD, MMedSc**

Dr. Wöhrle received his DMD degree cum laude and master of medical sciences in oral biology from the Harvard School of Dental Medicine. Additionally, he has completed advanced education programs in both prosthodontics and implant dentistry at Harvard, as well as a four-year certified dental technician program in Switzerland. While at Harvard, he worked with his mentor, Dr. Paul Schnitman, on the groundbreaking concept of immediate loading with Brånemark System implants. Dr. Wöhrle is a member of the Academy of Osseointegration, the European Academy of Osseointegration, the American Academy of Esthetic Dentistry, and the American College of Prosthodontists. He is renowned as the only dentist with formal training in the interrelated fields of implant surgery, prosthodontics, and laboratory technology.

■ Main program: Friday, August 11, 2:30 p.m. – 3:00 p.m.  
Saturday, August 12, 4:30 p.m. – 5:30 p.m.



Dr. Peter Wöhrle

### **Hooman Zarrinkelk, DDS**

Dr. Zarrinkelk received his dental degree from Loma Linda University. Following dental school he was the “Research Fellow in Oral & Maxillofacial Surgery” at The University of Texas Southwestern Medical Center, Parkland Hospital. Upon completion of his research projects, Dr. Zarrinkelk returned to California to complete his surgical residency training at Loma Linda University Medical Center. Dr. Zarrinkelk is a diplomate of the American Board of Oral and Maxillofacial Surgery. He is a fellow of the American Association of Oral and Maxillofacial Surgeons and American College of Oral and Maxillofacial Surgeons. Dr. Zarrinkelk maintains a private practice in Ventura, California, with special interests in reconstructive jaw surgery and complex dental implant rehabilitation.

■ Zygoma summit: Sunday, August 13, 11:00 a.m. – 12:00 p.m.  
Sunday, August 13, 1:30 p.m. – 3:30 p.m.



Dr. Hooman Zarrinkelk

