

“The smile: Current Dental Concepts”

Tweedaags VBT-congres Hilton Antwerpen 22 en 23 maart 2012

Donderdag 22 maart 2012: Congresvoorzitter Prof. dr. Peter Bottenberg (VUB)

08.00 - 09.00: Inschrijving en onthaal

09.00 – 10.30: **Christian Coachman**: SMILE DESIGN AND TEAM WORK part 1

10.30 - 11.00 : Koffie- en/of theepauze

11.00 – 12.30: **Christian Coachman**: SMILE DESIGN AND TEAM WORK part 2

Integrating Pink, White, Lips and Face on Esthetic Oral Rehabilitation.

The goal is to design a smile that fits the patients functional, esthetic and emotional needs.

Modern techniques and materials can be useless if the final outcome doesn't achieve the patient esthetic expectations. Emphasis will be given to the utilization of digital tools to enhance and facilitate the team work and communication with the patient. The protocol proposed will improve the diagnosis, communication and predictability of esthetic rehabilitations, from simple to complex cases, combining veneers, crowns and implants.

12.30 - 14.00: Staand koud & warm buffet & oesterbar

14.00 – 15.30: **Sverker Toreskog** : THE ART AND SCIENCE OF THE SMILE Part 1

15.30 - 16.00 : Koffie- en/of theepauze

16.00 – 17.30: **Sverker Toreskog**: THE ART AND SCIENCE OF THE SMILE Part 2

For too long traditional prosthetic dentistry has been destructive in its concept meaning that vast amounts of healthy tooth structure have been removed in order to produce a strong and esthetic (in the short time perspective) restoration.

A new era of minimal invasive thinking has fortunately changed that concept. However, very often the dentist will cut much too deep into the tooth still calling it “minimal invasive dentistry”. This lecture will present the concept that our team has followed during the last 25+ years. The concept will focus especially on trauma cases where upper anterior teeth are being restored with thin porcelain veneers after autotransplantation and/or orthodontics.

18.00 – 19.30: Filecursus : **Daniel Wismeijer** : INTEGRATIE VAN BEELDVORMENDE TECHNIEKEN
IN DE TANDHEELKUNDE

In de tandheelkunde zien we dat de digitalisering van de dentale workflow de mogelijkheid biedt om de CBCT beelden te combineren met introrale scans, prothetische planning software, implant planning software, suprastructure design en uiteindelijk milling van boormallen, suprastructuren op implantaten en individueel kroon en brugwerk op natuurlijke elementen. Integratie van al deze digitale technieken leidt meer en meer tot een CAD/CAM benadering van implantologische en prothetische behandelingen van onze patiënten. Aan de hand van een aantal casussen wordt dit toegelicht. Deze lezing gaat ook in op de mogelijkheden en onmogelijkheden van deze technieken waarbij de huidige grenzen maar ook de ontwikkelingen in de nabije toekomst worden besproken.

**Vrijdag 23 maart 2012: Congresvoorzitter Prof. dr. Antoon De Laat
(K.U.Leuven)**

08.00 - 09.00: Inschrijving en onthaal

09.00 – 10.30: **Auguste Brughuera**: ESSENTIAL STEPS IN AESTHETIC DENTISTRY Part 1

10.30 - 11.00 : Koffie- en/of theepauze

11.00 – 12.30: **Auguste Brughuera**: ESSENTIAL STEPS IN AESTHETIC DENTISTRY Part 2

Ensuring an aesthetic outcome in the restoration of teeth has never been easy. The first sensation that comes to mind is probably that of an author sitting in front of a blank piece of paper. A treatment protocol, i.e. a sequence of well-defined working steps, is crucial to attaining a satisfactory final result. The purpose of this lecture is to divide the treatment protocol into small individual steps which lead to a successful restorative result when carried out successively. We will discuss the most important steps required in the fabrication of both single crowns and more complex restorations, using the external appearance of the patient as a starting point. The viewpoints of the clinician and the lab technician have to be brought together as a team approach is essential.

12.30 - 14.00: Staand koud & warm buffet & oesterbar

14.00 – 15.30: **Roberto Spreafico** : ACHIEVING ESTHETICS AND FUNCTION WITH COMPOSITE RESTORATIONS Part 1

15.30 - 16.00 : Koffie- en/of theepauze

16.00 – 17.30: **Roberto Spreafico**: ACHIEVING ESTHETICS AND FUNCTION WITH COMPOSITE RESTORATIONS Part 2

Nowadays dentist has a wide choice of restorative materials available when replacing missing or damaged tooth structures in both anterior and posterior teeth. Anterior and posterior restorations can be made with ceramic or composite. With ceramic we can do just indirect restorations like full crowns, veneers or inlays onlays and overlays. The indirect technique however requires a dental preparation with a certain sacrifice of sound tissues. Direct composite restorations, at the contrary, allow a more conservative treatment with a minimal dental substrate removal. To achieve optimal results, it is important to select the appropriate restorative technique. Despite the aesthetic potential of modern composite resins, restorations of anterior teeth require a more sophisticated approach but the use of a natural layering technique with dentine, enamel, and transparent bodies can assure a positive aesthetic results. On posterior teeth the clinical problems are different when compared to the front teeth. In particular we have to achieve an optimal anatomy in both occlusal and proximal areas(i.e. proximal contact); layering the material is important in order to better control the shrinkage stress, avoiding leakage, post-op sensitivity and cuspal microfractures. It is really important that the treating clinician has a thorough understanding of the principles that lead to a successful outcome. Naturally appearing and problem free outcome can be achieved if certain rules are followed by a conscientious operator.

The lecture will discuss how to achieve function and esthetics in both anterior and posterior teeth with composite resin.

The clinical problems routinely encountered when making composite restorations will be analyzed and the various solutions will be shown.

Upon attending the presentation the participants will be able:

- 1) *to make the right choice between direct and indirect restorations*
- 2) *to stratify composite resins with masses of different translucency*
- 3) *how to characterize the restoration*
- 4) *to get a proper anatomy*
- 5) *to close the diastema with direct restorations and ceramic veneers*

17.30 - 18.00 : Vraagstelling
18.00 : Cocktail receptie



August Bruguera trained as a dental technician and received further training at private dental laboratories in various European countries. He is a honorary member of ACADEN. He is the author of various specialist articles, which have appeared in international magazines. He also gives lectures at international meetings and congresses. In addition, he is a member of the editorial board of "Dental Dialogue" (Spanish issue) as well as of the magazine "Estética". Moreover, he is the author of the textbook "Shades – a world of colours" and "Invisible, restauraciones cerámicas" (with Dr. Sidney Kina). Between 1999 and 2002, August Bruguera worked at the University of Barcelona as a professor in the postgraduate program of Dr. Tomás Escuí. In 2003, he received the "Bisturí de oro" award. August Bruguera is the head of the dental lab and training centre "Disseny Dental bcn" and of "Dental excellence" Spain.



Sverker Toreskog
D.D.S. Stockholm 1960
M.S.D. Indiana University School of Dentistry 1964
Honorary Doctorate Degree, University of Göteborg, 2000
Visiting Professor, Alas University, Lima, Peru, 2009

Here is a message from Dr. Toreskog:

Dear colleague.... If you never had any problems with implants aesthetically in the upper anterior area or if all your subgingivally placed full crowns never became supragingival and thus very unaesthetic or if you never had a patient with a

fractured cusp on a molar... if you never had any of these experiences... then you should listen to the other lecturers, not to me! However, if you have experienced some aesthetic problems after 10 – 20 years following your implant treatment on a 20 year old patient (he/she should have the implant for another 50 years...) who's problems came from a trauma earlier in his/her life, or if the receding gingiva has left the complaining patient with an ugly cervical margin very visible in the aesthetic zone... or if you do see fractures of cusps in your patients... well if this is the case, then you should come and listen to me!! I am, naturally, interested in the patient being happy directly after my treatment but I am even more interested that the patient, and I, are happy 10 – 50 years later. That is why I have documented all my cases during the last 48 years. So have a look at my "follow ups" and perhaps change your concepts based upon what you see!

YOU ARE VERY WELCOME!!

SVERKER



Roberto Carlo Spreafico obtained his DM degree at Turin University, Italy, in 1982.

In 1986, he obtained a DMD degree, at Geneva University, Switzerland. He is now a private practitioner, in Busto-Arsizio, near Milan, Italy. He is active member of:

Accademia Italiana di Conservativa, European Academy of Esthetic Dentistry,

Associate Editor of "European Journal of Esthetic Dentistry". Member of the

editorial board of: Journal of Adhesive Dentistry; Practical Procedures & Aesthetic

Dentistry. Dr Spreafico presently conducts a number of courses in the field of

esthetic dentistry throughout Italy and abroad. He is also author of numerous clinical papers on this

topic. Author of 14 book chapters . Co-authored the book " Adhesive Metal-Free Restorations : current

concepts for the esthetic treatment of posterior teeth." by Quintessence Publishing Group (1997).



Christian Coachman graduated in Dental Technology in 1995 and in Dentistry at the University of São Paulo/Brazil in 2002. He is a member of the Brazilian

Academy and Society of Esthetic Dentistry. Moreover, Dr. Coachman attended

the Ceramic Specialization Program instructed by Dr. Dario Adolfi at the

Ceramoart Training Centre, where he also became an instructor. In 2004, Dr.

Coachman was invited by Dr. Goldstein, Garber, and Salama, of Team Atlanta, to become Head Ceramist of their laboratory, a position he held for over 4 years.

Dr. Coachman has been working with many leading dentists around the world as

Dr. Van Dooren (Belgium), Gurel (Turkey), Fradeani (Italy), Bichacho (Israel) and

Calamita (Brazil). Currently works as a consultant for Dental offices and companies developing products

and implementing concepts and has lectured and published internationally in the fields of esthetic dentistry, dental photography, oral rehabilitation, dental ceramics and implants.



Daniel Wismeyer graduated in dentistry from the University of Nijmegen Dental School, Netherlands. He received his PhD in 1996 on the subject of overdentures on dental implants. From 1985-2006, he worked at the Department of Oral Surgery and Maxillofacial Prosthodontics at the Amphia Teaching Hospital in Breda, Netherlands. Since 2006, he has held the position of Professor of Oral Implantology and Prosthetic Dentistry at the Academic Centre for Dentistry in Amsterdam (ACTA) which he combines with his referral practice. The main research areas in his department are focused on CAD/CAM treatment optimization, implant surface and bone substitute optimization, and evaluation of different implant based treatment modalities. He has run a dental practice since 1985, with specialization in implantology since 1990.