



8TH WORLD CONGRESS

OF THE INTERNATIONAL FEDERATION OF ESTHETIC DENTISTRY (IFED)
HOSTED BY THE GERMAN ACADEMY OF ESTHETIC DENTISTRY (DGÄZ)
8. WELTKONGRESS • 10. INTERNATIONALE JAHRESTAGUNG DER DGÄZ

PRACTICE MEETS SCIENCE

MUNICH, AT THE GASTEIG, SEPTEMBER 18–21, 2013
MÜNCHEN, GASTEIG, 18.–21. SEPTEMBER 2013

PROGRAM



Besuchen Sie uns am Quintessenz-Stand auf der IFED,
um sich vor Ort unsere Neuerscheinungen und eine Auswahl aus dem umfangreichen Verlagsprogramm in Ruhe anzuschauen.

Please do visit us at our stand during the IFED congress,
for an opportunity to view our ever-increasing range of dental publications.





8TH WORLD CONGRESS

OF THE INTERNATIONAL FEDERATION OF ESTHETIC DENTISTRY (IFED)
HOSTED BY THE GERMAN ACADEMY OF ESTHETIC DENTISTRY (DGÄZ)

8. WELTKONGRESS • 10. INTERNATIONALE JAHRESTAGUNG DER DGÄZ

PRACTICE MEETS SCIENCE

MUNICH, AT THE GASTEIG, SEPTEMBER 18–21, 2013

MÜNCHEN, GASTEIG, 18. – 21. SEPTEMBER 2013

Content

General Information	4
Words of Welcome	5-17
Obituary	18
Workshops	19
Scientific Program	20-25
Dental Technology Program	26-31
Table Clinics	26
Social Events	32-35
Speakers / Chairpersons	37-59
Hosts / Committees / Session Presidents	60
Poster Session	61-65
Dental Exhibition	67-69
Exhibition Plan	68-69
Official Sponsors	72

Inhalt

Allgemeine Informationen	4
Grußworte	5-17
Nachruf	18
Workshops	19
Wissenschaftliches Programm	20-25
Zahntechnikprogramm	26-31
Table Clinics	26
Social Events	32-35
Referenten / Moderatoren	37-59
Gastgeber / Komitees / Session Präsidenten	60
Posterpräsentation	61-65
Industrierausstellung	67-69
Ausstellungsplan	68-69
Sponsoren	72

General Information / Allgemeine Informationen

Venue

Gasteig München GmbH
Rosenheimer Strasse 5, 81667 München, Germany

Congress Office

During the meeting you are welcome to visit the registration desk.

Opening hours:

Wednesday, September 18th, 2013: 08:00 - 13:00

Thursday, September 19th 2013: 07:30 - 17:30

Friday, September 20th 2013: 07:30 - 16:00

Saturday, September 21st 2013: 08:00 - 12:00

You can obtain your congress documents on-site at the registration desk.

Name Badges

Only participants with a name badge are allowed access to the scientific and dental program.

Coffee Breaks

Coffee Breaks are included in the Registration fee. Beverages and Snacks will be provided during the break times in the exhibition area.

Lunch bags

We will provide lunch bags on Thursday and Friday during the lunch break.

Confirmation of Participation

You will find your certificate of attendance inside the congress bag.

Translation

The lectures are in German / English and translated simultaneously.

Dental Exhibition

Opening hours:

Thursday, September 19th 2013: 09:00 - 17:00

- 10:45 - 11:30 Refreshment Break in the Exhibit Hall and Opening Ceremony of the Exhibition

- 13:00 - 14:00 Lunch break in the Exhibit Hall and Poster Award Presentation

- 17:00 Welcome Reception in the Exhibit Hall

Friday, September 20th 2013: 09:00 - 17:30

Saturday, September 21st 2013: 09:00 - 15:00

Tagungsort

Gasteig München GmbH
Rosenheimer Straße 5, 81667 München, Deutschland

Kongressbüro

Ihre Kongressunterlagen erhalten Sie am Kongress-Counter.

Öffnungszeiten:

Mittwoch, 18. September 2013: 08:00 - 13:00

Donnerstag, 19. September 2013: 07:30 - 17:30

Freitag, 20. September 2013: 07:30 - 16:00

Samstag, 21. September 2013: 08:00 - 12:00

Namensschilder

Die Kongressteilnehmer werden gebeten, die Namensschilder gut sichtbar zu tragen. Nur Teilnehmer mit Namensschildern haben Zugang zu den Veranstaltungen.

Kaffeeпаusen

Kaffeeпаusen sind in der Teilnahmegebühr enthalten. Getränke und Snacks werden während der Pausenzeiten in der Dentalausstellung bereitgestellt.

Lunch

Donnerstag und Freitag gibt es in der Mittagspause Lunchtüten für Kongressteilnehmer.

Fortbildungsnachweis

Sie finden Ihren Fortbildungsnachweis in Ihrer Kongressmappe.

Übersetzung

Die Vorträge werden simultan deutsch/englisch übersetzt.

Dentalausstellung / Dental Exhibition

Öffnungszeiten:

Donnerstag, 19. September 2013: 09:00-17:00

- 10:45-11:30 Pause und Eröffnung der Industrieausstellung

- 13:00-14:00 Pause und Besuch der Industrieausstellung, Posterpräsentationen

- 17:00 Empfang in der Ausstellungshalle

Freitag, 20. September 2013: 09:00 - 17:30

Samstag, 21. September 2013: 09:00 - 15:00





Dr. Wolfgang Heubisch

Welcome to Munich

It is a very great pleasure for me to welcome you to Munich, the capital of our Free State of Bavaria. Our state – right in the heart of Europe – is the perfect location for this important congress because of the high standard of our dental schools and of medical research in general.

Bavaria is known for its rich culture and unique traditions but also for its innovative spirit and its excellent conditions for science and research. Our universities and research facilities are regularly at the top of national and international rankings. For example, both universities here in Munich have been awarded the title “Elite University” in the nationwide Excellence Initiative. Excellence in research and training is also what we need in a highly demanding field like esthetic dentistry. That is why the IFED convention is so invaluable: Internationally renowned experts present their latest findings and are prepared to share their experiences with dentists and dental technicians from around the globe. The conference provides a top forum for a passionate discourse and a fruitful interchange of views.

In this spirit, I wish you informative days and discussions that are mutually enriching as well as inspiring for the future. And I hope that you also find some time to explore the cultural and natural treasures of Munich and Bavaria.

Willkommen in München

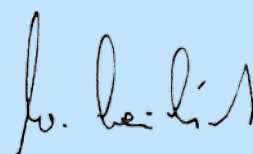
Es ist mir eine große Freude, Sie in München, der Hauptstadt unseres Freistaats Bayern, zu begrüßen. Unser Staat – direkt im Herzen Europas – ist angesichts des hohen Standards unserer zahnmedizinischen Ausbildungsstätten sowie in der allgemeinen medizinischen Forschung der perfekte Ort für diesen wichtigen Kongress.

Bayern ist für seine vielfältige Kultur und seine einzigartigen Traditionen, aber auch für seinen innovativen Geist und seine exzellenten Bedingungen für Wissenschaft und Forschung bekannt. Unsere Universitäten und Forschungsstätten rangieren regelmäßig an der Spitze im nationalen und internationalen Vergleich. Beispielsweise sind die beiden hier in München ansässigen Universitäten im Rahmen der deutschlandweiten Exzellenzinitiative mit dem Titel „Elite Universität“ ausgezeichnet worden.

Kompetenz in Forschung und Lehre benötigen wir auch in einem so anspruchsvollen Bereich wie der ästhetischen Zahnmedizin. Daher ist die Tagung der IFED von sehr hohem Wert: International renommierte Fachleute präsentieren ihre aktuellen Erkenntnisse und sind bereit, ihre Erfahrungen mit Zahnmedizinern und Zahntechnikern aus aller Welt zu teilen. Diese Konferenz ist ein hervorragendes Forum für leidenschaftlichen Diskurs und fruchtbaren Meinungsaustausch.

In diesem Sinne wünsche ich Ihnen informative Tage und Diskussionen, die für beide Seiten sowohl bereichernd als auch für die Zukunft inspirierend sind. Und ich hoffe, dass Sie auch etwas Zeit haben werden, um die Kultur und Naturschätze von München und Bayern zu entdecken.

Munich, September 2013



Dr. Wolfgang Heubisch
Bavarian State Minister of Sciences, Research and the Arts
Bayerischer Staatsminister für Wissenschaft,
Forschung und Kunst



DENTSPLY Implants – the new powerhouse in implant dentistry

DENTSPLY Implants is the union of two successful and innovative dental implant businesses: DENTSPLY Friadent and Astra Tech Dental.

DENTSPLY Implants offers a comprehensive line of implants, including ANKYLOS®, ASTRA TECH Implant System™ and XiVE®, FRIOS® augmentation products, Guided Surgery, ATLANTIS™ patient-specific CAD/CAM solutions and professional development programs such as *steps*®.

DENTSPLY Implants is built upon the fundamental values of open-mindedness, a thorough scientific approach, a dedication to long-term clinical evidence and a

strong customer focus. Our current DENTSPLY Friadent and Astra Tech Dental customers can rest assured knowing that the world-class products they know will continue to be supported.

We are confident that dental professionals around the globe will come to recognize DENTSPLY Implants as their new partner of choice for integrated implant solutions, dedicated support and better patient care.

We invite you to join our journey to redefine implant dentistry.

ANKYLOS®

ASTRA TECH
IMPLANT SYSTEM

XiVE®

ATLANTIS™

FRIOS®

EXPERTEASE™

Facilitate™

steps®

www.dentsplyimplants.com



Mayor Christian Ude

This year, the International Federation of Esthetic Dentistry holds its 8th World Congress and for the first time, Munich has been chosen as a venue. I can assure you that our city is truly delighted at this premiere. But I'm sure that this also holds true for the IFED and all participants of this high-level congress.

For you will find Munich to provide the ideal framework conditions for a successful and enjoyable congress in many ways.

This applies, first and foremost, to the subject-specific side. After all, Munich is a renowned center of expertise when it comes to medical – and in particular dental – science, research, education and treatment.

But our city has yet another asset: Munich offers a flair of openness and internationality, it is a city of hospitality and joy of life as well as a European hub of art and culture. That's what Munich's unique mixture of tradition and modernity is about: an impressive number of flagships ranging from the BMW World to the Munich Oktoberfest, the largest and also the most beautiful festival in the world. So as you can see, there's also a large variety of things to do to complement your conference agenda.

Let me wish you some insightful and inspiring congress days and extend a very warm welcome to all of you here in Munich!

Zum 8. Mal hält die International Federation of Esthetic Dentistry ihren Weltkongress ab, und erstmals hat sie sich für München als Veranstaltungsort entschieden. Das ist für unsere Stadt natürlich eine außerordentlich erfreuliche Premiere. Doch ich bin sicher: Das gilt umgekehrt auch für die IFED und alle Teilnehmerinnen und Teilnehmer dieses hochkarätigen Treffens.

Denn Sie werden in München in vielerlei Hinsicht ideale Rahmenbedingungen für einen gelungenen und erfolgreichen Tagungsverlauf finden.

Das betrifft zunächst einmal die fachliche Seite: Gerade im Bereich der medizinischen und zumal auch der zahnmedizinischen Wissenschaft, Forschung, Lehre und Praxis ist München ja ein Kompetenzzentrum von exzellenter Reputation.

Doch ein weiterer Vorzug kommt noch hinzu: Das ist Münchens Flair als Stadt der Weltoffenheit und der internationalen Begegnung, als Stadt der Gastlichkeit und Lebensfreude, als europäische Hochburg der Kunst und Kultur; das ist Münchens unverwechselbarer Mix aus Tradition und Moderne, mit spektakulären Aushängeschildern in Hülle und Fülle, von der BMW Welt bis zum Münchner Oktoberfest, dem größten und vor allem schönsten Volksfest der Welt. Auch für einen abwechslungsreichen Ausgleich zur fachlichen Tagungsarbeit ist also bestens gesorgt.

Ich wünsche Ihnen erkenntnisreiche und anregende Kongress-tage und heiße Sie alle in München herzlich willkommen!

A handwritten signature in black ink, appearing to read 'C. Ude'.

C. Ude
Mayor
Oberbürgermeister

IPS[®]
e.max[®]

THE CLINICALLY PROVEN SOLUTION FOR ALL YOUR CAD/CAM NEEDS



IPS e.max CAD

THE LEADING CAD/CAM LITHIUM DISILICATE CERAMIC

- Monolithic single-tooth restorations; **NEW**: also 3-unit bridges
- **NEW**: Efficiently produced hybrid abutments and hybrid abutments crowns
- High strength veneering structures; **NEW**: also for multi-unit bridges (CAD-on)
- Manufacturing in-house or via authorized milling partner network
- Clinically tested cementation with Multilink[®] Automix

all ceramic
all you need

www.ivoclarvivadent.com

Ivoclar Vivadent AG
Bendererstr. 2 | 9494 Schaan | Liechtenstein | Tel.: +423 / 235 35 35 | Fax: +423 / 235 33 60

ivoclar
vivadent[®]
passion vision innovation



Prof. Dr. Daniel Edelhoff



Dr. Siegfried Marquardt

Welcome to Munich!

It is a great pleasure for us to welcome you to a very special event – the 8th IFED World Congress which, for the first time, is being held in the heart of Bavaria, Germany.

The rapid developments in the field of dentistry call for a practically oriented and scientifically based analysis. What is possible and what are the limitations? What promises do the innovative developments hold and what future challenges can be expected?

Under the motto of “innovative dentistry”, practice and science come together under one roof to address and discuss the most fundamental and burning issues and to present practice-oriented concepts. In the run-up to this event, the best experts in the world were confronted with specific questions and now you can expect concrete and clear answers to these questions.

- I Innovative materials & implant dentistry
- F Future technologies
- E Esthetics of soft & hard tissues
- D Digital dentistry

Munich, the charming cosmopolitan city of Bavaria, at the heart of Europe, welcomes you offering numerous opportunities. In addition to the colourful and appealing social program, you will have the chance to visit the world-famous Oktoberfest at the end of the World Congress. There are still tickets available – simply come to the registration desk, enjoy the jovial atmosphere and socialize with fellow colleagues.

We and our team will gladly support you every step of the way. We wish you a wonderful visit with plenty of professional stimuli, positive exchange of ideas amongst colleagues and an enjoyable time together.

Yours sincerely

Herzlich Willkommen in München!

Wir freuen uns ganz besonders über Ihre Teilnahme an einem ganz besonderen Event – der 8. Weltkongress der IFED, erstmals in Deutschland, inmitten Bayerns.

Die rasanten Entwicklungen auf dem Gebiet der Zahnheilkunde machen eine praktisch orientierte und wissenschaftlich basierte Analyse notwendig. Was ist möglich, wo liegen die Grenzen? Was versprechen die innovativen Entwicklungen und wo liegen die Herausforderungen der Zukunft?

Unter dem Motto „Innovative Zahnheilkunde“ werden Praxis und Wissenschaft miteinander die brennendsten Fragen bearbeiten, diskutieren und praxisrelevante Konzepte präsentieren. Die besten Experten weltweit wurden im Vorfeld mit konkreten Fragen konfrontiert. Nun dürfen Sie klare und konkrete Antworten erwarten:

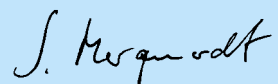
- I Innovative materials & Implant dentistry
- F Future technologies
- E Esthetics of soft & hard tissues
- D Digital dentistry

München, die liebenswerte bayerische Weltstadt in der Mitte Europas, empfängt Sie mit zahlreichen Möglichkeiten. Neben einem bunten und interessanten Rahmenprogramm haben Sie die Möglichkeit, im Anschluss an den Weltkongress das weltberühmte Oktoberfest zu besuchen. Es gibt noch Tickets – kommen Sie einfach zur Registrierung und erfreuen sich an unserer kollegialen Geselligkeit.

Unser Team und wir stehen Ihnen jederzeit gerne mit Rat und Tat zur Verfügung. Einen wunderbaren Aufenthalt mit vielen fachlichen Impulsen, guten kollegialen Gesprächen und fröhlichem Beisammensein wünschen Ihnen



Prof. Dr. Daniel Edelhoff
Scientific Chairman
Wissenschaftliche Leitung



Dr. Siegfried Marquardt
Congress President
Kongresspräsident



Treat more patients better.

Find out how at stand 4.





Dr. David Winkler

On behalf of the 29 academies and societies of esthetic and cosmetic dentistry that are members of the International Federation of Esthetic Dentistry (IFED), it is with great pleasure that I welcome you to Munich to the 8th World Congress, which is being hosted by the German Academy for Esthetic Dentistry (DGAZ). This carries on the tradition of the previous 7 meetings which have been held since 1994 in Florence, Kyoto, Washington, Venice, Seoul, Las Vegas, and Rio de Janeiro.

This year's meeting, under the combined leadership of Prof. Robert Sader (president DGAZ), Prof Daniel Edelhoff (Scientific Chairman), and Dr Siegfried Marquardt (Congress President), has as its motto "Innovative Dentistry". This 3-day program will cover all aspects of dentistry as it relates to the theme, with both lectures and inter-active discussions, hopefully leaving no stone unturned!

As an integral part of the dental team, there is a concurrent technicians program on Friday and Saturday, under the guidance of Mr Klaus Mütterthies, as Patron of the Technology Program, and the Committee Chairs Siegbert Witkowski and Ralf Barsties. Besides the traditional lectures, there will be a number of table clinics which will provide a more intimate setting to explore the myriad of topics being discussed.

Poster Presentations have always been an important part of our Congresses. This year's winner of the Poster Presentation will be rewarded with an all-expense paid trip to the IFED 9th World Congress in 2015 in Cape Town.

Socially, we begin with a Bavarian Evening, then the IFED Night at the wonderful BMW World, and finally the opening of the world-famous Oktoberfest ...

We truly hope that you enjoy your stay with us in the capital of Bavaria, the wonderful city of Munich, and that you feel that you are a true member of the global dental esthetic community that IFED represents.

We wish you a professionally and socially rewarding 3 days in Munich.

Es ist mir eine große Freude, Sie im Namen der 29 Akademien und Gesellschaften für ästhetische und kosmetische Zahnheilkunde, die Mitglieder der International Federation of Esthetic Dentistry (IFED) sind, zum 8. Weltkongress in München zu begrüßen. Dieser Kongress wird von der Deutschen Gesellschaft für Ästhetische Zahnheilkunde e. V. (DGÄZ), ausgerichtet. Damit wird die Tradition der vorangegangenen 7 Kongresse, die seit 1994 in Florenz, Kyoto, Washington, Venedig, Seoul, Las Vegas und Rio de Janeiro stattgefunden haben, fortgeführt.

Die diesjährige Konferenz unter der gemeinsamen Leitung von Dr. Robert Sader (Präsident der DGÄZ), Prof. Daniel Edelhoff (Scientific Chairman) und Dr. Siegfried Marquardt (Kongresspräsident) steht unter dem Motto „Innovative Zahnheilkunde“. Das dreitägige Programm deckt alle zu dieser Thematik gehörenden Aspekte der Zahnheilkunde sowohl durch Vorträge als auch durch interaktive Diskussionen ab, und es wird hoffentlich kein Themenfeld ausgespart!

Als fester Bestandteil des zahnmedizinischen Teams findet unter der Leitung von Klaus Mütterthies, dem Schirmherrn des Zahntechnikprogramms, und den Vorsitzenden des Programmkomitees, Siegbert Witkowski und Ralf Barsties, am Freitag und Samstag parallel ein Zahntechnikprogramm statt. Neben den klassischen Vorträgen wird es eine Reihe von Table Clinics geben, die einen persönlicheren Rahmen bieten, sich den zahlreichen diskutierten Themen zu widmen.

Posterpräsentationen waren schon immer ein wichtiger Teil unserer Kongresse. Die Gewinnerin oder der Gewinner der diesjährigen Posterpräsentation wird mit einer vollfinanzierten Reise zum 9. Weltkongress der IFED 2015 in Kapstadt belohnt.

Das Rahmenprogramm beginnt mit einem Bayerischen Abend, dann folgt die IFED Night in der wundervollen BMW Welt und schließlich die Eröffnung des weltberühmten Oktoberfestes ...

Wir hoffen sehr, dass Sie Ihren Aufenthalt mit uns in der bayerischen Hauptstadt, der herrlichen Stadt München, genießen und spüren werden, dass Sie ein wahres Mitglied der globalen ästhetischen zahnmedizinischen Gemeinschaft, die die IFED repräsentiert, sind.

Mit den besten Wünschen für drei erfolgreiche Tage mit Ihren Freunden und Kollegen verbleibe ich



David Winkler
IFED President
Präsident der IFED

The perfect harmony
of Swiss precision, innovation
and functional design.

**PRE-CONGRESS
WORKSHOP
SEPT. 18, 2013**

PROF. MARKUS HÜRZELER /
DR. OTTO ZUHR

"Live surgeries & interactive discussions"

Tune in to Swiss precision and innovation with Thommen! Based on more than 25 years of clinical experience, in-house research and development as well as high-quality Swiss manufacturing, you will find that the Thommen Implant System excels through its proverbial simplicity.

International Headquarters

Thommen Medical AG
4437 Waldenburg | Switzerland
Tel. +41 61 965 90 20
info@thommenmedical.com
www.thommenmedical.com



SWISS PRECISION AND INNOVATION.



Prof. Dr. Dr. Robert Sader

Dear Participants, dear members
of the German Society for Esthetic Dentistry,

It is only eight years since our German Society for Esthetic Dentistry (Deutsche Gesellschaft für Ästhetische Zahnheilkunde) joined the International Federation of Esthetic Dentistry (IFED) which currently has 31 members. During this short period of membership the Society (DGÄZ) considers it a great honor to be the organizer of the current World Congress of Esthetic Dentistry, the IFED 2013, to which I would like to extend a warm welcome to you.

The aim of this international congress, which only takes place every two years, is to share worldwide professional knowledge and expertise and promote the development of esthetic dentistry, particularly with a view to improving dental hygiene and oral health care. The focus is on the scientific exchange of ideas between member organizations. In order to achieve this goal the world federation has sent high-level internationally well-known and prestigious speakers to Munich. As you will see from the program, a large number of the speakers, who are the finest experts in the world, have come to Munich to present fascinating insights and practical concepts from the modern world of esthetic stomatology.

I would like to wish you an enjoyable, exciting and informative few days in the fascinating world of esthetic dentistry and I hope that you will gather new and stimulating ideas for your work in the dental practice. I do hope that you will also enjoy the congress location Munich and its surroundings in all its facets. Following the congress, I would be very pleased to raise a glass of beer with you and drink a toast to the success of this exceptional event.

With best regards

Liebe Teilnehmerinnen und Teilnehmer,
liebe DGÄZ'ler und DGÄZ'lerinnen,

unsere Deutsche Gesellschaft für Ästhetische Zahnheilkunde wurde vor erst acht Jahren in den Kreis der derzeit 31 Mitglieder der International Federation of Esthetic Dentistry (IFED) aufgenommen. Für diese kurze Zeit der Mitgliedschaft darf die DGÄZ äußerst stolz sein, bereits jetzt den Weltkongress der Ästhetischen Zahnmedizin, die IFED 2013 ausrichten zu dürfen, zu der ich Sie ganz herzlich begrüßen möchte. Ziel dieser nur alle 2 Jahre stattfindenden internationalen Tagung ist die weltweite Verbreitung, vor allem aber die Weiterentwicklung der ästhetischen Zahnmedizin, insbesondere im Hinblick auf die Verbesserung der Mundgesundheit. Im Vordergrund steht der wissenschaftliche Austausch unter den Mitgliedsorganisationen. Zur Erreichung dieses Zieles hat der Weltverband auch diesmal wieder international anerkannte und renommierte Spitzen-Referenten nach München entsandt. Aus dem Programm können Sie ablesen, dass wirklich viele Referenten aus dem Kreis der weltweit besten Experten nach München gekommen sind, um Ihnen und uns gemeinsam die faszinierenden Möglichkeiten der modernen ästhetischen Zahn-, Mund- und Kieferheilkunde in praxisrelevanten Konzepten zu präsentieren.

Ich wünsche Ihnen unterhaltsame, spannende und lehrreiche Tage in der faszinierenden Welt der Ästhetischen Zahnmedizin und viele befruchtende Ideen für Ihre Praxistätigkeit. Genießen Sie auch unseren Kongressstandort München und Umgebung in all seinen Facetten. Ganz besonders würde ich mich freuen, wenn ich anschließend mit Ihnen auf dem Oktoberfest auf den Erfolg dieser einzigartigen Veranstaltung mit einer guten Maß anstoßen kann.

Mit besten Grüßen

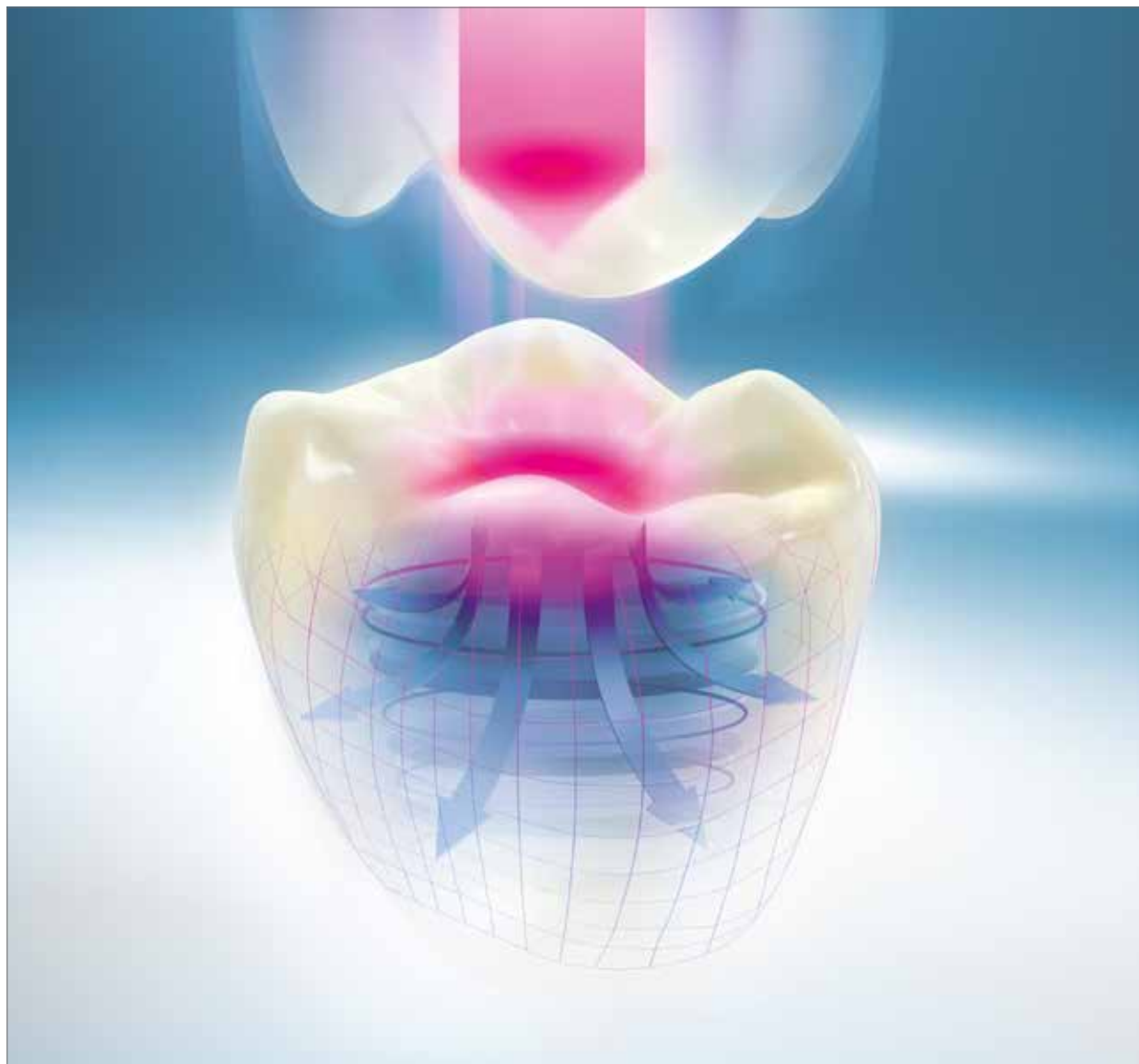
Ihr



Prof. Dr. mult. Robert Sader
President of the German Society for Esthetic Dentistry (DGÄZ)
Präsident der DGÄZ

VITA ENAMIC® definiert Belastbarkeit neu.*

Die erste Hybridkeramik mit Dual-Netzwerkstruktur, die Kaukräfte optimal absorbiert!




3411D



VITA shade, VITA made.

VITA

VITA ENAMIC setzt neue Maßstäbe bei der Belastbarkeit, indem es Festigkeit und Elastizität kombiniert und damit Kaukräfte optimal absorbiert. Praxen und Laboren garantiert VITA ENAMIC höchste Zuverlässigkeit sowie eine wirtschaftliche Verarbeitung.

Und Patienten empfinden VITA ENAMIC als naturidentischen Zahnersatz. VITA ENAMIC eignet sich besonders für Kronenversorgungen im Seitenzahnbereich sowie minimalinvasive Restaurationen. Mehr Informationen unter: www.vita-enamic.de  facebook.com/vita.zahnfabrik

Die **En**-Erfolgsformel: Festigkeit + Elastizität = Zuverlässigkeit²

*) Diese innovative Hybridkeramik garantiert erstmals neben einer besonderen Elastizität auch eine enorme Belastbarkeit nach dem adhäsiven Verbund.



Christian Haase

On behalf of the International Quintessence Publishing Group I would like to welcome you to Munich and to the 8th World Congress of the International Federation of Esthetic Dentistry and the 10th International Annual Congress of the German Association of Esthetic Dentistry.

We are proud to be the organizers of this prestigious event and we hope that we have succeeded in making you feel welcome in Munich. Together with the Scientific Committee we have worked tirelessly to make this a memorable event which includes outstanding lectures, fascinating workshops and unforgettable social events such as the IFED Night in the magnificent BMW Welt or the special social evening at the Oktoberfest!

Sixty international speakers from 15 different countries will be holding talks for you this weekend alongside parallel programs for dentists and technicians alike.

We would like to express our special thanks to the speakers whose unique expertise guarantees professional quality whilst at the same time serving science, professional practice and laboratories. We also thank our industrial partners who will be presenting a wide range of products in addition to many recent highlights and innovations in esthetic dentistry.

This weekend dentists and technicians from over 50 different countries will come together in Munich not only to learn from the speakers but also from one another.

In the age of e-learning or distance learning, we feel that it is important to keep in touch with your peers during this process and we feel that it is an integral part of our education and training to cultivate social contacts by encouraging interaction and discussions with our peers. This enhances the learning experience and a meeting such as this one provides us with a great opportunity to do just that.

On this note, I would like to wish you an enjoyable and successful time here in Munich. We sincerely hope that you will be able to reap the benefits from what you have learned this weekend.

Im Namen der International Quintessence Publishing Group begrüße ich Sie in München zum 8. Weltkongress der International Federation of Esthetic Dentistry und zur 10. Internationalen Jahrestagung der Deutschen Gesellschaft für Ästhetische Zahnheilkunde.

Wir sind stolz, dass uns die Organisation dieses prestigeträchtigen Ereignisses übertragen wurde und wir hoffen sehr, dass Sie sich in München willkommen fühlen. Gemeinsam mit dem wissenschaftlichen Komitee haben wir dafür gesorgt, dass dies eine außergewöhnliche Veranstaltung wird – mit hervorragenden Vorträgen, interessanten Workshops und einem Rahmenprogramm, das mit der IFED Night in der beeindruckenden BMW Welt und einem gemeinsamen Abend auf dem Oktoberfest sicher unvergesslich wird.

Im Kongressprogramm werden 60 renommierte Referenten aus 15 Ländern für Sie Vorträge halten. Dabei finden parallel Programme sowohl für Zahnärzte als auch für Zahntechniker statt.

Unser besonderer Dank gilt den Referenten, deren herausragende Kompetenz eine Qualität garantiert, die der Wissenschaft, der Berufspraxis und der zahntechnischen Arbeit im Labor dient. Außerdem danken wir unseren Partnern aus der Industrie, die zusätzlich zu einer breiten Produktpalette viele aktuelle Highlights und Neuheiten für die ästhetische Zahnheilkunde präsentieren.

Auf diesem Kongress werden Zahnärzte und Zahntechniker aus über 50 Ländern zusammenkommen, um nicht nur von den Referenten, sondern auch voneinander zu lernen.

Im Zeitalter von E-Learning und Fernunterricht ist es wichtig, dass Sie mit Ihren Kollegen in Kontakt bleiben. Wir sind überzeugt, dass die Pflege sozialer Kontakte durch die Zusammenarbeit und den Erfahrungsaustausch mit Ihren Kollegen ein integraler Bestandteil der Aus- und Weiterbildung ist. Dies verstärkt die Lernerfahrung und eine Tagung wie diese bietet dafür eine hervorragende Gelegenheit.

In diesem Sinne wünsche ich Ihnen eine angenehme und erfolgreiche Zeit hier in München. Wir hoffen von ganzem Herzen, dass all das, was Sie hier erfahren, für Sie von großem Nutzen sein wird.



Ihr Christian Haase
Managing Director, Quintessence
Quintessenz Verlag, Geschäftsführer



Siegbert Witkowski, MDT



Ralf Barsties, MDT

Dear colleagues and friends
of the IFED and DGÄZ organisations,

The International Federation of Esthetic Dentistry (IFED) and the German Academy of Esthetic Dentistry (DGÄZ) warmly welcome you to this special rendezvous in the Bavarian capital Munich. Under the professional patronage of globally recognized master ceramist Klaus Mütterthies, an exclusive specialist programme has been put together that provides for outstanding expert dialogue on dentistry and dental techniques.

We would also like to take this opportunity to afford special thanks to the numerous speakers from Japan, the USA, Switzerland, Italy and Germany for their commitment. Engaging so many internationally renowned speakers does not come as a matter of course and is indeed a first within the setting of this congress. To all our esteemed congress participants, may you gain valuable inspiration from the speakers, along with numerous tips and hints that will benefit you in the future and enable you to progress yet further in the field. On this first Oktoberfest weekend, Munich will assuredly do its utmost to make you feel welcome.

We are delighted to be able to share in this event with you and wish you a very warm welcome!

Liebe Kolleginnen und Kollegen,
liebe Freunde der IFED und der DGÄZ,

die International Federation of Esthetic Dentistry (IFED) und die Deutsche Gesellschaft für Ästhetische Zahnheilkunde (DGÄZ) begrüßen Sie recht herzlich zu diesem besonderen Stelldichein in der bayrischen Metropole München. Unter dem fachlichen Patronat des weltweit anerkannten Meisterkera-
mikers Klaus Mütterthies entstand ein erstklassiges Fach-
programm, das der Zahnmedizin und der Zahntechnik einen grandiosen Fachdialog bietet.

An dieser Stelle möchten wir uns ganz besonders bei den zahlreichen Referenten aus Japan, den USA, der Schweiz, Italien und Deutschland für ihr Engagement bedanken. Es ist nicht selbstverständlich, so viele renommierte internationale Referenten verpflichten zu können und dies stellt in der Kongresslandschaft ein Novum dar. Für ihren Einsatz und Aufwand, der mit Sicherheit einen wesentlichen Beitrag für alle Kollegen und die Branche darstellt, nochmals ein recht herzliches Dankeschön!

Werte Kongressteilnehmer, wir wünschen Ihnen für die kommenden Tage die richtige Inspiration durch die Referenten und viele Tipps und Tricks, die Sie für die Zukunft fit machen und noch weiter nach vorne pushen. München am ersten Wochenende des Oktoberfests wird hier das seinige dazu beitragen.

Wir freuen uns, mit Ihnen gemeinsam diese Veranstaltung erleben zu können. Herzlich willkommen!



Siegbert Witkowski
Scientific Committee
Dental Technology Program
Wissenschaftliche Leitung
Zahntechnik Programm



Ralf Barsties
Scientific Committee
Dental Technology Program
Wissenschaftliche Leitung
Zahntechnik Programm



Klaus Mütterthies, DT

Dear friends of contemporary esthetic dentistry,

It was with ART ORAL that I discovered my true passion for our profession, more than 25 years ago. The passion that unites us has allowed us to develop professional sophistication and highly advanced skills, providing us with a deep understanding of the core and mission of our work. I have happily succumbed to this passion and the magic of our profession that is an art as much as a craft. Practicing any art requires patience, understanding and tolerance – and the same is true of the work of the dental technician when it is elevated to rank with the most noble of arts.

Once technicians and their work have matured, function and esthetics alike will present themselves with incredible lightness and simplicity. And esthetics will always prevail.

I would like to see this 2013 Congress of the International Federation of Esthetic Dentistry work like my ART ORAL, a bridge that closes the gap between the patient, the dentist, and the dental technician, all three united in their quest for a solution without compromise, yet easily manageable and with minimal risk.

I would be very happy if we could enjoy the upcoming event together with this in mind.

Liebe Freunde der modernen ästhetischen Zahnheilkunde,

durch ART ORAL habe ich vor mehr als 25 Jahren meine wahre Leidenschaft für unseren Beruf entdeckt. Die Leidenschaft, die uns verbindet, ermöglicht uns, professionelle Perfektion und weit fortgeschrittene Fähigkeiten zu entwickeln, wodurch wir ein tiefes Verständnis für den Kern und die Mission unserer Arbeit erhalten. Ich habe mich glücklich dieser Leidenschaft und dem Zauber unseres Berufes, der sowohl eine Kunst als auch ein Handwerk ist, hingegeben. Die Ausübung jeglicher Art von Kunst benötigt Geduld, Verständnis und Toleranz – und dasselbe trifft auf die Arbeit eines Zahntechnikers zu, wenn man sie in den Rang der vornehmsten Künste erhebt.

Wenn Techniker und ihre Arbeit erst einmal ausgereift sind, werden sich Funktion und Ästhetik mit einer unglaublichen Leichtigkeit und Einfachheit präsentieren. Und Ästhetik wird immer die Oberhand erlangen.

Ich würde es sehr begrüßen, wenn dieser Kongress der International Federation of Esthetic Dentistry 2013 wie meine ART ORAL funktionieren würde: Eine Brücke, die die Lücke zwischen Patient, Zahnarzt und Zahntechniker schließt - alle drei vereint in ihrer Suche nach einer Lösung ohne Kompromisse, aber dennoch mit minimalem Risiko leicht handhabbar.

Ich wäre sehr glücklich, wenn wir diese bevorstehende Veranstaltung in diesem Sinne genießen könnten.

Kind regards,



Klaus Mütterthies, DT
Schirmherr des IFED-Zahntechnikprogramms
Patron of the IFED Dental Technology Program

OBITUARY

Professor Dr. Vince Kokich sen. was invited to speak at the IFED 2013 as the moderator on the Ortho Session on Thursday and as an expert for the Treatment Planning Session 2 on Friday.

The message that he passed away, apparently from a heart attack with 68 age, is a great loss for our dental family and we feel strongly to celebrate his life as he was not only one of the best teacher in our profession but more then this a very close friend of us.

We thank Professor Lennart Lagerstrom to replace the parts of Vince as a close friend of him.

We will never forget the participation of Vince at the annual meetings of the German Academy of Esthetic Dentistry in 2006 and 2008 together with his friends Frank Spear and David Mathews. Until today people talk about this outstanding event and we all learned about dentistry in his best way through his special talent how to teach.

The University of Washington wrote on their homepage the following:

„Dr. Vincent G. Kokich, an alumnus and affiliate professor of orthodontics at the School, was a leading advocate of interdisciplinary dentistry. He also helped to solidify the UW's reputation as a premier center of orthodontics education and training, and at the time of his death was editor-in-chief of the American Journal of Orthodontics & Dentofacial Orthopedics. He was also a former president of the American Board of Orthodontics and the American Academy of Esthetic Dentistry.

Vince Kokich was a giant in the field of dental education. This is a huge personal as well as a professional loss for those who knew him. Vince was not only a brilliant teacher, but a man of enormous warmth and kindness.“ Dean Joel Berg from the UW said. “

Vince Kokich will be missed profoundly by all over the dental world and especially we will miss his tight connection and friendship to the German Academy of Esthetic Dentistry as well as IFED 2013.

Our sympathy and sincere condolences especially goes out to his wonderful family.

Dr. Siegfried Marquardt, Congress President



Dr. Vincent G. Kokich

† July 24th, 2013

NACHRUUF

Professor Dr. Vince Kokich sen. war zum Kongress der IFED 2013 eingeladen, um die Kieferorthopädie-Session am Donnerstag zu moderieren und um als Experte bei der Behandlungsplanung der Session 2 am Freitag zu sprechen.

Die traurige Nachricht über seinen Tod – offenbar erlag er im Alter von 68 Jahren einem Herzanfall – bedeutet für unsere zahnmedizinische Familie einen schweren Verlust, und es ist uns ein tiefes Bedürfnis, an ihn und sein Leben zu erinnern, da er nicht nur einer der besten Lehrer unseres Berufsstands war, sondern vielmehr noch ein sehr guter Freund.

Unser Dank geht an Professor Lennart Lagerström, der als sein enger Freund die Aufgaben von Vince übernommen hat.

Wir werden nie vergessen, als Vince 2006 und 2008 gemeinsam mit seinen Freunden Frank Spear und David Mathews an den Jahrestagungen der Deutschen Gesellschaft für Ästhetische Zahnheilkunde teilgenommen hat. Selbst heute noch sprechen die Teilnehmer über diese herausragende Veranstaltung, auf der wir alle viel über den bestmöglichen Weg in der Zahnheilkunde lernten und auf der er seine besondere Begabung, Wissen zu vermitteln, bewies.

Auf ihrer Homepage schreibt die University of Washington Folgendes:

„Dr. Vincent G. Kokich, Absolvent und Affiliate Professor für Kieferorthopädie der Hochschule, war ein führender Verfechter der interdisziplinären Zahnmedizin.

Dr. Kokich half auch, die Bedeutung der University of Washington als führendes Zentrum für Studium und Ausbildung in der Kieferorthopädie zu festigen. Bis zuletzt war er Chefredakteur des American Journal of Orthodontics & Dentofacial Orthopedics. In der Vergangenheit fungierte er auch als Präsident des American Board of Orthodontics und der American Academy of Esthetic Dentistry.

„Vince Kokich war ein Gigant auf dem Gebiet der zahnmedizinischen Ausbildung“, sagte Dean Joel Berg in einer Botschaft an die Fakultätsmitglieder, das Personal und die Studenten.

Die gesamte zahnmedizinische Welt wird Vince Kokich schmerzlich vermissen und uns werden insbesondere seine engen Bindungen und seine Freundschaft zur Deutschen Gesellschaft für Ästhetische Zahnheilkunde und zur IFED sehr fehlen.

Unser Mitgefühl und Beileid gilt vor allem seiner wunderbaren Familie.

Dr. Siegfried Marquardt, Kongresspräsident

Mittwoch / Wednesday

18-09-2013



Hall/Saal: Black Box

The workshop will be held in English.

Prof. Dr. Markus Hürzeler, Dr. Otto Zuhr

Implant therapy in the course of time – genius discoveries, brilliant ideas and pioneering innovations – what has remained today?

Implantattherapie im Laufe der Zeit: geniale Entdeckungen, brillante Ideen und zukunftsweisende Innovationen – was ist davon geblieben?

09:00 – 12:00 Live surgeries / Live-Operationen

14:00 – 17:00 Live surgeries / Live-Operationen



Hall/Saal: Kleiner Konzertsaal

The workshop will be held in English.

09:00 – 12:00 PD Dr. Florian Beuer, Josef Schweiger, DT

Workshop I: Latest trends in CAD/CAM dentistry

Workshop I: Neueste Trends in der CAD/CAM-Zahnmedizin

14:00 – 17:00 Dr. Markus Lenhard

Workshop II: Direct restoratives – mastering anterior and posterior challenges

Workshop II: Materialien für Direktfüllungen: Herausforderungen im Front- und Seitenzahnbereich meistern



Hall/Saal: Vortragssaal der Bibliothek

The workshop will be held in English.

Dr. Bernard Touati, Luc Rutten, MDT

Esthetics and soft tissue health around implants - Outcomes for long-term predictability

Ästhetik und Gesundheit der periimplantären Weichgewebe:
langfristige Berechenbarkeit von Ergebnissen

09:00 – 11:00 lecture / Vortrag

11:00 – 12:00 demo of how to design an optimal provisional /
Demonstration des Entwurfsvorgangs für ein optimales Provisorium



SCIENTIFIC PROGRAM / WISSENSCHAFTLICHES PROGRAMM

08:30 - 17:00

IFED Poster Exhibition

open all day in the Exhibition Area

IFED Poster-Ausstellung

den ganzen Tag geöffnet im Ausstellungsbereich

08:30 - 09:15

Opening Ceremony / Eröffnungszereemonie

09:15 - 10:45

SESSION 1: NATURAL VS. IMPLANT ABUTMENTS – HEROICS VS. EFFICIENCY

Natürliche vs. Implantat-Abutments – Heldentaten vs. Effizienz

Session President/ Vorsitzender der Session:

Prof. Dr. Dr. Robert Sader (DGÄZ)

09:15 - 09:25

Introduction by / Einführung: Prof. Dr. Dr. Niklaus P. Lang

09:25 - 09:50

Dr. Martin Trope

Reliability of endodontically treated teeth

- How do the recent developments in endodontic techniques influence the longevity of prosthetic abutments?
- Can a total adhesive approach to the reconstruction of an endodontically treated tooth significantly improve its prognosis?
- What can be done to improve the esthetic appearance of endodontically treated teeth and what is their long-term stability?

Zuverlässigkeit endodontisch behandelter Zähne

- Welchen Einfluss haben die neuesten Techniken in der Endodontie auf die Langlebigkeit von prothetischen Pfeilerzähne?
- Kann ein volladhäsiver Ansatz für die festsitzende Versorgung eines endodontisch behandelten Zahnes seine Prognose signifikant verbessern?
- Was kann getan werden, um das ästhetische Erscheinungsbild endodontisch behandelter Zähne zu verbessern und wie ist ihre Langzeitstabilität?

09:50 - 10:15

Dr. Rino Burkhardt

Reliability of dental implants

- Can it be assumed that implants are as reliable as natural abutments?
- What does it take to make an implant-supported restoration in the esthetic zone successful over a long-term period?
- What are the reasons / incidence of periimplantitis and what is the treatment concept?

Zuverlässigkeit von dentalen Implantaten

- Kann davon ausgegangen werden, dass Implantate genauso zuverlässig sind wie natürliche Pfeilerzähne?
- Was ist erforderlich, um eine implantatgetragene Restauration im ästhetischen Bereich über einen langen Zeitraum zum Erfolg zu führen?
- Was sind die Ursachen/Inzidenz von Periimplantitis und wie sieht das Behandlungskonzept aus?

10:15 - 10:45

Speaker's panel discussion and Q & A session /

Podiumsdiskussion / Fragen und Antworten

10:45 - 11:30

Refreshment break in the Exhibition Area /

Kaffeepause im Ausstellungsbereich



SCIENTIFIC PROGRAM / WISSENSCHAFTLICHES PROGRAMM

11:30 – 13:00

SESSION 2: TRADITIONAL VS. MODERN ORTHODONTIC TREATMENT OPTIONS /

Traditionelle vs. moderne kieferorthopädische Behandlungsoptionen

Session President / Vorsitzender der Session:
Dr. Danuta Borczyk (PASE)

11:30 – 11:40

Introduction / Einführung und Moderation:
Prof. Dr. Lennart Lagerström

11:40 – 12:05

Prof. Dr. Domingo Martin:

Non-surgical treatment of Class II and open bite patients

- Can Class II and open bite patients be effectively treated without orthognathic surgery?
- What type of anchorage is necessary?
- Are the new techniques accessible to a larger number of dentists?

Nicht chirurgische Behandlung von Patienten der Klasse II und Patienten mit offenem Biss

- Können Patienten der Klasse II und Patienten mit offenem Biss ohne orthognathe Chirurgie effektiv behandelt werden?
- Welche Art der Verankerung wird benötigt?
- Sind die neuen Techniken für eine größere Anzahl von Zahnärzten anwendbar?

12:05 – 12:30

Dr. Raffaele Spena:

New orthodontic techniques: faster and more predictable

- What are the prerequisites and limitations of corticotomy-assisted tooth movements?
- Which are the long-term effects of such a technique?
- Is the result stable?

Neue kieferorthopädische Techniken: schneller und berechenbarer

- Was sind die Voraussetzungen und Einschränkungen von Kortikotomie-unterstützten Zahnbewegungen?
- Was sind die Langzeiteffekte einer solchen Technik?
- Ist das Behandlungsergebnis stabil?

12:30 – 13:00

Speaker's panel discussion and Q & A session /
Podiumsdiskussion / Fragen und Antworten

13:00 – 14:30

Lunch break in the Exhibition Area and Poster Award Presentation
/ Mittagspause im Ausstellungsbereich und Poster-Award-Präsentation

14:30 – 17:00

TREATMENT PLANNING SESSION 1

Behandlungsplanung Session I

Introduction / Moderation: Prof. Dr. Dr. Niklaus P. Lang

Case Presentation with / Fallpräsentation mit
Prof. Dr. Markus Hürzeler

Team South America: Dr. Christian Coachman, Dr. Marcelo Calamita, Dr. Adalberto de Paula

Team Europe: Prof. Dr. Nitzan Bichacho, Dr. Eric van Dooren, Dr. Raffaele Spena

Speaker's panel discussion and Q & A session /
Podiumsdiskussion/ Fragen und Antworten /

17:00

Welcome Reception in the Exhibition Area
Begrüßungsempfang im Ausstellungsbereich

SOCIAL EVENT / RAHMENPROGRAMM

19:30

Bavarian Evening at the Nockherberg on the occasion of the 10th International Annual Meeting of the DGÄZ

Bayerischer Abend im Nockherberg anlässlich der 10. Internationalen Jahrestagung der DGÄZ
(dress code: casual or traditional costume / casual oder Tracht)
For more information see page 32



FRIDAY/FREITAG

20-9-2013

SCIENTIFIC PROGRAM / WISSENSCHAFTLICHES PROGRAMM

08:30 - 17:00

IFED Poster Exhibition

open all day in the Exhibition Area

IFED Poster-Ausstellung

den ganzen Tag geöffnet im Ausstellungsbereich

08:30 – 10:00

SESSION 3: RELATIVE IMPACT OF SURGICAL TECHNIQUES AND BIOMATERIALS ON PERIODONTAL REGENERATION IN ESTHETIC AREAS /

Relative Auswirkung von Operationstechniken und Biomaterialien auf die parodontale Regeneration in ästhetischen Bereichen

Session President / Vorsitzender der Session:

Dr. Emanuele Risciotti (AIOP)

08:30 – 08:40

Introduction / Einführung und Moderation :

Prof. Dr. Dr. Søren Jepsen

08:40 – 09:05

Dr. Pierpaolo Cortellini:

The current state of surgical regenerative treatment options

- Which surgical techniques are most reliable for regenerating periodontal tissues?
- How does the surgeon's manual ability and clinical experience influence the level of predictability of any technique?

Aktueller Stand der regenerativ-chirurgischen Behandlungsoptionen

- Welche Operationstechniken sind für die Regeneration des parodontalen Gewebes am zuverlässigsten?
- Welchen Einfluss haben das manuelle Geschick und die klinische Erfahrung des Chirurgen auf den Grad der Vorhersagbarkeit einer bestimmten Technik?

09:05 – 09:30

Prof. Dr. Leonardo Trombelli:

The current evolution of regenerative periodontal therapy and the impact on clinical practice

- Which substances have the potential for regenerating the hard tissues (liquid membrane, PRP, BMPs)?
- What is the level of predictability of pharmacological regenerative treatment options?

Aktuelle Entwicklung der regenerativen parodontalen Therapie und der Einfluss auf die klinische Praxis

- Welche Substanzen haben das Potenzial für die Regeneration von Hartgewebe (liquid membrane, PRP, BMPs)?
- Wo liegt der Grad der Vorhersagbarkeit pharmakologischer regenerativer Behandlungsoptionen?

09:30 – 10:00

Speaker's panel discussion and Q & A session /
Podiumsdiskussion / Fragen und Antworten

10:00 – 10:45

Refreshment break and Poster Award Presentation in the Exhibition Area

Kaffeepause / Poster-Award-Präsentation im Ausstellungsbereich

10:45 – 12:15

SESSION 4: DIRECT vs. INDIRECT ESTHETIC RESTORATIONS /

Direkte vs. indirekte ästhetische Restaurationen

Session President / Vorsitzender der Session:

Dr. Mark Bowes (SAAAD)

10:45 – 10:55

Introduction / Einführung und Moderation: Prof. Dr. Reinhard Hicel

10:55 – 11:20

Dr. Claudio Pinho:

State of the art of direct restorations

- What are the recent developments in direct restorative materials?
- What are the limitations of direct restorations?
- Are direct composites suitable for the long-term rehabilitation of occlusal surfaces?

Stand der Technik der direkten Restaurationen

- Was sind die neuesten Entwicklungen bei den direkten restaurativen Materialien?
- Welche Einschränkungen gibt es bei direkten Restaurationen?
- Sind direkt hergestellte Kompositfüllungen für die langfristige Wiederherstellung von Kauflächen geeignet?

11:20 – 11:45

Dr. Mauro Fradeani:

State of the art of indirect restorations and tooth preparations

- How do adhesive techniques and new restorative materials influence today's preparation designs?
- Precision, esthetics and longevity: What are the best performing materials for indirect restorations?
- What are the longevities of non-prep veneers and what are their limitations?

Stand der Technik der indirekten Restaurationen und Zahnpräparation

- Welchen Einfluss haben die Adhäsivtechnik und neue restaurative Materialien auf die heutige Präparationsgestaltung?
- Präzision, Ästhetik und Langlebigkeit: Welches sind die leistungsfähigsten Materialien für indirekte Restaurationen?
- Wie langlebig sind Non-Prep-Veneers und wo sind ihre Grenzen?

FRIDAY/FREITAG

20-9-2013

SCIENTIFIC PROGRAM / WISSENSCHAFTLICHES PROGRAMM

11:45 – 12:15

Speaker's panel discussion and Q & A session /
Podiumsdiskussion / Fragen und Antworten

12:15 – 13:45

Lunch break in the Exhibition Area and Poster Award Presentation
Mittagspause im Ausstellungsbereich
und Poster-Award-Präsentation

13:45 – 15:15

SESSION 5: TRADITIONAL vs. DIGITAL IMPRESSIONING /

Traditionelle vs. digitale Abformung

Session Presedent / Vorsitzender der Session:
Dr. Koray Feran (BAAD)

13:45 – 13:55

Introduction / Einführung und Moderation: Prof. Dr. Irena Sailer

13:55 – 14:20

Dr. Fritz Kopp:

New developments of traditional impressions

- What is the current state of elastomeric impression materials?
- What is the current state of elastomeric impression techniques?
- Does it still make sense to take a traditional impression?

Neue Entwicklungen bei der traditionellen Abformung

- Wie ist der aktuelle Stand bei den elastomeren Abformmaterialien?
- Wie ist der aktuelle Stand bei den Abformtechniken mit elastomeren Materialien?
- Macht es noch Sinn, eine traditionelle Abformung vorzunehmen?

14:20 – 14:45

Prof. Dr. Bernd Wöstmann:

Innovations of digital impressioning

- Are digital impressions as or more accurate than traditional impressions?
- Are they more efficient, easier and more convenient for the patient?
- Is digital impressioning another piece of the puzzle in the quest for the patient's full esthetic management?

Innovationen bei der digitalen Abformung

- Ist die digitale Abformung genauso akkurat oder akkurater als die traditionelle Abformung?
- Ist sie effizienter, einfacher und bequemer für den Patienten?
- Ist die digitale Abformung ein weiteres Puzzleteil im Streben nach der optimalen ästhetischen Versorgung für den Patienten?

14:45 – 15:15

Speaker's panel discussion and Q & A session /
Podiumsdiskussion / Fragen und Antworten

15:15 – 15:45

Refreshment break in the Exhibition Area and Poster Award Presentation / Kaffeepause im Ausstellungsbereich

15:45 – 17:30

TREATMENT PLANNING SESSION 2 with /
Behandlungsplanung Session II mit
Dr. Michael Wise (Case Presentation / Fallpräsentation),
supervised by / moderiert von Prof. Dr. Hannes Wachtel (Perio-
dontics / Parodontologie) mit den Experten / with the experts
Prof. Dr. Lennart Lagerström (Orthodontics / Kieferorthopädie),
Dr. Masao Yamazaki (Prosthodontics / Prothetik)

SOCIAL EVENT / RAHMENPROGRAMM

19:00

IFED 2013 Night "Esthetics has many faces" of IFED and DGÄZ presented by BMW at BMW Welt

IFED 2013-Night „Ästhetik hat viele Gesichter“ der IFED und
DGÄZ präsentiert von BMW in der BMW Welt
(dress code: elegant)

Please be on time for the bus shuttle

in the Rosenheimer Straße 5 at 5.45 pm

Bitte seien Sie pünktlich um 17.45 Uhr am Busshuttle in der
Rosenheimer Straße 5.

For more information see page 35 or www.ifed-2013.com



SATURDAY/SAMSTAG

21-9-2013

SCIENTIFIC PROGRAM / WISSENSCHAFTLICHES PROGRAMM

08:30 - 17:00

IFED Poster Exhibition

open all day in the Exhibition Area

IFED Poster-Ausstellung

den ganzen Tag geöffnet im Ausstellungsbereich

08:30 – 10:15

SESSION 6: MANAGING EXTREME SOFT AND HARD TISSUE CHALLENGES /

Meisterung extremer Herausforderungen beim Weich- und Hartgewebe

Session President / Vorsitzender der Session:

Dr. Aris Tripodakis (EAED)

08:30 – 08:40

Introduction: / Einführung und Moderation: Dr. Ueli Grunder

08:40 – 09:05

Dr. Albino Triaca:

Indications and limitations of surgical procedures

- What are the indications and limitations of surgical procedures for vertical augmentation?
- Is autologous block grafting still a viable technique and what are the alternatives?
- In which situations can orthodontics help to develop soft and hard tissue volumes?

Indikationen und Einschränkungen chirurgischer Verfahren

- Welche Indikationen und Einschränkungen gibt es bei chirurgischen Verfahren für die vertikalen Augmentation?
- Ist die Entnahme autologen Knochenmaterials noch eine praktikable Technik und welche Alternativen gibt es?
- In welchen Situationen kann die Kieferorthopädie helfen, Weich- und Hartgewebsvolumen aufzubauen?

09:05 – 09:30

Dr. Marcelo Calamita:

Indications and limitations of prosthetic procedures

- When can a prosthetic solution provide a more esthetic outcome compared to surgical and orthodontic procedures?
- Which pink material is best to use?

Indikationen und Einschränkungen prothetischer Verfahren

- In welchen Situationen kann eine prothetische Lösung im Vergleich zu chirurgischen und kieferorthopädischen Maßnahmen ein ästhetisch besseres Ergebnis liefern?
- Welches zahnfleischfarbene Material sollte man am besten einsetzen?

09:30 – 10:00

Speaker's panel discussion and Q & A session /
Podiumsdiskussion / Fragen und Antworten

10:00 – 10:15

Poster Award Celebration / Poster-Preisverleihung
Dr. David Winkler (IFED) / Prof. Dr. Dr. Robert Sader (DGÄZ)

10:15 – 11:15

Refreshment break in the Exhibition Area /
Kaffeepause im Ausstellungsbereich

11:15 – 12:45

SESSION 7: MANUAL vs. MACHINE-DRIVEN FABRICATION OF ESTHETIC RESTORATIONS /

Manuelle vs. maschinelle Fertigung ästhetischer Restaurationen

Session President / Vorsitzender der Session:

Prof. Dr. Akira Senda (JAED)

11:15 – 11:25

Introduction / Einführung und Moderation:
Prof. Dr. Ronald Goldstein / Michael Bergler, MDT

11:25 – 11:50

Dr. Yoshihiko Muto:

Importance of manually fabricated esthetic restorations

- Are traditional manufacturing techniques still economically feasible?
- Is manual fabrication the only way to obtain highly esthetic individual restorations?
- Is the quality of manual fabrication superior to CAD/CAM restorations?

Bedeutung manuell gefertigter ästhetischer Restaurationen

- Sind traditionelle Fertigungstechniken noch wirtschaftlich umsetzbar?
- Ist die manuelle Fertigung der einzige Weg, um ästhetisch hochwertige individuelle Restaurationen zu erhalten?
- Ist die Qualität der manuellen Fertigung den CAD/CAM-Restaurationen überlegen?

SCIENTIFIC PROGRAM / WISSENSCHAFTLICHES PROGRAMM

11:50 – 12:15

Prof. Dr. Ariel J. Raigrodski:

The current state of CAD/CAM restorations

- What new esthetic materials can be accessed through CAD/CAM technology?
- Does CAD/CAM fabrication influence the long-term reliability of the restoration?
- What are the differences in clinical performance between a laboratory fabricated and a CAD/CAM manufactured polymer-based restoration?

Aktueller Stand der CAD/CAM-Restaurationen

- Welche neuen ästhetischen Materialien stehen durch die CAD/CAM-Technologie zur Verfügung?
- Hat die CAD/CAM-Fertigung einen Einfluss auf die langfristige Beständigkeit der Restauration?
- Worin bestehen die Unterschiede im klinischen Verhalten zwischen einer vom Zahntechniker gefertigten und einer CAD/CAM gefertigten polymerbasierten Restauration?

12:15 – 12:45

Speaker's panel discussion and Q & A session /
Podiumsdiskussion / Fragen und Antworten

12:45 – 13:20

Closing lecture / Schlussvortrag

Prof. Dr. Giovanni Zucchelli

New frontiers in esthetic soft tissue coverage of teeth and implants

Neue Grenzen der ästhetischen Weichteilabdeckung an Zähnen und Implantaten

13.20 – 13.40

Speaker's panel discussion and Q & A session /
Podiumsdiskussion / Fragen und Antworten

13:40 – 14:00

Closing Ceremony / Abschluss der Tagung

14:00 – 15:00

Exhibition closing ceremony / Besuch der DentaAusstellung

SOCIAL EVENT / RAHMENPROGRAMM

16:00 – 23:00

IFED 2013 at the "Oktoberfest" Munich /

IFED 2013 auf dem Oktoberfest in München /
(dress code: casual or traditional costume / casual oder Tracht/)
For more Information see page 34

Munich Oktoberfest



FRIDAY/FREITAG

20-9-2013

Zahntechnikprogramm / Dental Technology Program

08:30 – 08:45

Opening Ceremony / Eröffnungszereemonie

Moderation: Siegbert Witkowski, MDT / Prof. Dr. Ronald Goldstein

08:45 – 10:00

Opening Session: Weakness turns to strength

Eröffnungsvortrag: Aus Schwäche wird Stärke

The Patron Klaus Mütterthies, DT will debate topics with a former student Samuel C. Lee, CDT

Schirmherr ZT Klaus Mütterthies diskutiert Themenfelder mit einem seiner ehemaligen Schüler Samuel C. Lee, CDT

10:00 – 10:30

Refreshment break in the Exhibition Area /

Kaffeepause im Ausstellungsbereich

Session 1

Ceramic veneers on prep vs. no-preparation

Keramik-Veneers mit vs. ohne Preparation

10:30 – 10:45

Introduction, short case presentation and moderation:

Ralf Barsties, MDT / Dr. Stefano Gracis

10:45 – 11:30

Andreas Nolte, DT

State of the art of veneers on prep vs. no-preparation

- What are the indications for the two concepts?
- What are the limitations of each concept?
- How do you handle dark tooth coloration?
- What are the results regarding occlusal veneers (table-tops)?
- What is the best fabrication technique? Press vs. build-up. What are the pros and cons?
- What are your personal top three key success factors?

Stand der Technik der Keramik-Veneers mit vs. ohne Präparation

- Welche Indikationen gibt es für die beiden Konzepte?
- Welche Einschränkungen gibt es für jedes Konzept?
- Wie geht man mit dunkler Zahnfärbung um?
- Welche Ergebnisse erzielt man mit okklusalen Veneers (Table Tops)?
- Welche ist die beste Fertigungstechnik? Press- vs. Schicht-technik: Was sind die Vor- und Nachteile?
- Was sind Ihre persönlichen drei wichtigsten Erfolgsfaktoren?

11:30 – 11:45

Panel discussion with the speaker /

Podiumsdiskussion mit dem Referenten

11:45 – 13:45

Hall/Saal: Black Box

Table Clinic Session

- H. Goto, MDT (Kuraray Noritake)
- V. Kaufmann-Jinoian, MDT (Vita)
- Jörg Müller, MDT (Aesthetic-Press)
- J. Weber, MDT (Jensen Dental)
- W. Tratter, MDT (Zirkonzahn)
- O. Prandtner, MDT (Creation Willi Geller)

There will be table clinics operating simultaneously before and during the lunch break. In a small group, outstanding dental technicians will present various topics of great interest in table clinic demonstrations. Participants will have the opportunity to interact immediately and ask their personal questions of interest. The practical demonstrations will, at the same time, provide inspiration and offer a means of troubleshooting.

Table Clinics werden simultan vor und während der Mittagspause durchgeführt. In einer kleinen Gruppe präsentieren herausragende Zahntechniker in Table-Clinic-Demonstrationen verschiedene Themen, die von großem Interesse sind. Die Teilnehmer haben die Möglichkeit, sich direkt einzuschalten und ihre sie interessierenden Fragen zu stellen. Die praktischen Vorführungen bieten sowohl Anregungen als auch die Möglichkeit zur Problembehandlung.

12:15 – 13:45

Lunch break in the Exhibition Area /

Mittagspause im Ausstellungsbereich

Für die Unterstützung der Table Clinic Session bedanken wir uns bei folgenden Firmen
We sincerely thank the following companies for supporting the Table Clinic Session

AP AESTHETIC-PRESS
EFFICIENCY THROUGH SIMPLICITY

JENSEN
DENTAL

kuraray

Noritake

VITA

Zirkonzahn®

WILLIGELLER
Creation

FRIDAY/FREITAG

20-9-2013

Zahntechnikprogramm / Dental Technology Program

Session 2

Different approaches to transfer patient information – The practical approach

Verschiedene Ansätze zur Übertragung der Patienteninformationen – Praktische Vorgehensweise

Moderation: Andreas Kunz, MDT / Dr. Ueli Grunder

13:45 – 14:15

Udo Plaster, MDT

Esthetic and function:

Recognizing and exploiting natural interrelations

- What and how do you transfer anatomical landmarks from the patient side to the fabrication side?
- What are the key factors of transferring anatomical landmarks?
- How do you use photography and other measures such as wax rims and face bow transfer in the conventional workflow?
- What do you do with edentulous patients and how do you handle missing single tooth replacements?
- What is lacking in the conventional workflow?

Übertragung der Patienteninformationen im konventionellen Arbeitsablauf

- Wie sollen anatomische Gegebenheiten vom Patienten für die Fertigung übertragen werden?
- Was sind die wichtigsten Faktoren bei der Übermittlung der anatomischen Gegebenheiten?
- Wie können Fotografie und andere Möglichkeiten wie Wachswälle und Gesichtsbogenübertragung im konventionellen Arbeitsablauf eingesetzt werden?
- Wie wird mit zahnlosen Patienten umgegangen und wie geht man bei Ersatz eines fehlenden Zahnes vor?
- Was fehlt im konventionellen Arbeitsablauf?

14:15 – 14:45

Dr. Christian Coachman (sponsored by **anaxDENT** / mit freundlicher Unterstützung von Anaxdent)

Transferring patient's information in the digital workflow

- What and how do you transfer anatomical landmarks from the patient side to the fabrication side?
- How do you use photography and other measures such as wax rims and face bow transfer in the digital workflow?
- How do you transmit information data from the patient to the computer screen?
- What do you do with edentulous patients and how do you handle missing single tooth replacements?
- What is lacking in the digital workflow?

Übertragung der Patienteninformationen im digitalen Arbeitsablauf

- Wie sollen anatomische Gegebenheiten vom Patienten für die Fertigung übertragen werden?
- Wie können Fotografie und andere Möglichkeiten wie Wachswälle und Gesichtsbogenübertragung im digitalen Arbeitsablauf eingesetzt werden?
- Wie werden die Daten vom Patienten auf den Bildschirm übertragen?
- Wie wird mit zahnlosen Patienten umgegangen und wie geht man bei Ersatz eines fehlenden Zahnes vor?
- Was fehlt im digitalen Arbeitsablauf?

14:45 – 15:15

Panel discussion with all speakers

Podiumsdiskussion mit allen Referenten

15:15 – 15:45

Refreshment break in the Exhibition Area
Kaffeepause im Ausstellungsbereich

IFED APP

"IFED 2013" is the official App of the 8th IFED World Congress 2013 in Munich – available for iOS, Android and Blackberry.

„IFED 2013“ ist die offizielle App des 8. IFED-Weltkongresses in München – verfügbar für iOS, Android und Blackberry.



FRIDAY/FREITAG

20-9-2013

Zahntechnikprogramm / Dental Technology Program

Synopsis of Session 1 and 2

Zusammenfassung der Sessions 1 und 2 des Tages

Moderation: Otto Prandtner, MDT / Prof. Dr. Ariel J. Raigrodski

15:45 – 16:15

Prof. Dr. Irena Sailer:

Clinical success of build-up and monolithic all ceramic restorations

- What is known about clinical success and failure?
- What kind of clinical studies are available?
- What is known about the different indications?
- How does the cementation system influence clinical success?
- In conclusion: What is expert-, marketing- and evidence-based?

Klinischer Erfolg von geschichteten und monolithischen vollkeramischen Restaurationen

- Was weiß man über den klinischen Erfolg und Misserfolg?
- Welche klinischen Studien sind verfügbar?
- Was weiß man über die verschiedenen Indikationen?
- Welchen Einfluss hat das Verbindungssystem auf den klinischen Erfolg?
- Zum Schluss: Was bedeuten experten-, marketing- und evidenzbasiert?

16:15 – 16:45

Dr. Galip Gürel:

Transferring patient's information into the fabrication process – What is mandatory?

- Which information is mandatory for the dental laboratory?
- Which information is mandatory in treatment planning for the fabrication?
- What is the evidence-based state of a face bow?
- What is still lacking in the digital and conventional workflow?
- What are the permanent troublemakers regarding information transfer?

Übermittlung der Patienteninformationen an den Herstellungsprozess – Was ist zwingend notwendig?

- Welche Informationen sind für das Dentallabor zwingend notwendig?
- Welche Informationen sind für die Herstellung bei der Therapieplanung zwingend erforderlich?
- Was ist der evidenzbasierte Stand eines Gesichtsbogens?
- Was fehlt im digitalen und im konventionellen Arbeitsablauf?
- Was sind die immer wieder auftretenden Probleme bezüglich der Informationsübermittlung?

16:45 – 17:15

Michael Bergler, MDT:

Handmade and machining in 2013

- Where is the line between handmade and machining?
- Which factors are influencing the acceptance and use of CAD/CAM?
- Which lab procedures are predominantly made by hand?
- Which are the present pros and cons of CAD/CAM?

Handarbeit und maschinelle Fertigung 2013

- Wo liegt die Grenzlinie zwischen Hand- und Maschinenfertigung?
- Welche Faktoren bestimmen die Akzeptanz und Einführung von CAD/CAM?
- Welche Arbeitsschritte sind im Labor vornehmlich Handarbeit?
- Welches sind die aktuellen Vor- und Nachteile bei CAD/CAM?

17:15 – 17:45

Panel discussion with all speakers

Podiumsdiskussion mit allen Referenten

SOCIAL EVENT / RAHMENPROGRAMM

19:00

IFED 2013 Night "Esthetics has many faces" of IFED and DGÄZ presented by BMW at BMW Welt / IFED 2013-Night „Ästhetik hat viele Gesichter“ der IFED und DGÄZ präsentiert von BMW in der BMW Welt / (dress code: elegant)

Please take care to be on time for the bus shuttle to BMW Welt from Rosenheimer Straße 5 at 6.00 pm

Bitte seien Sie pünktlich um 18:00 am Busshuttle in der Rosenheimer Straße.

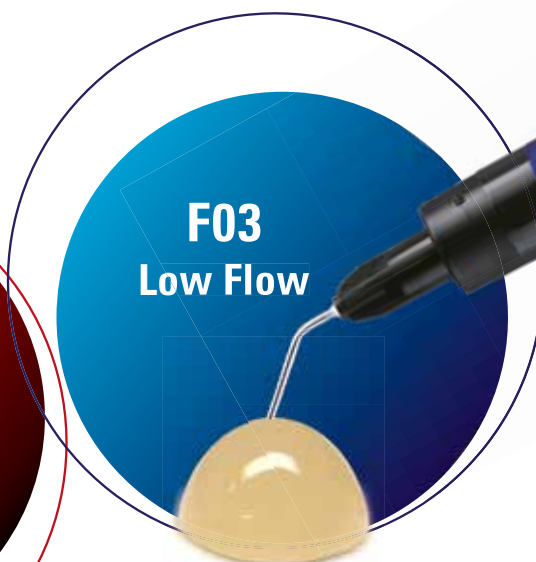
For more information see page 33



BEAUTIFIL Flow Plus

INJECTABLE COMPOSITE FOR ANTERIOR AND POSTERIOR TEETH

- Suitable for all cavity classes
- Easy handling and fast polishing
- Natural aesthetics due to chameleon effect
- High radiopacity
- Fluoride release



Official Partner



Minimally Invasive
Cosmetic Dentistry



SATURDAY/SAMSTAG

21-9-2013

Zahntechnikprogramm / Dental Technology Program

Session 1

Creating natural and functional-based occlusion

Schaffung einer natürlichen und funktionellen Okklusion

Moderation: Stefan Schunke, MDT / Prof. Dr. Bernd Wöstmann

08:30 – 09:00

Hiroki Goto, RDT (sponsored by *kuraray Noritake* / mit freundlicher Unterstützung von Kuraray Noritake)

Behind the Scenes: "Rule the Opacity; Gain Ultimate Control Over Porcelain"

- What is the current status of the individual build-up technique for occlusion?
- What are the advantages of using individual build-up?
- What are the economical aspects of using individual build-up?

Beherrschen sie die Opazität; erlangen sie die ultimative Kontrolle über die Keramik

- Wie ist der aktuelle Stand der individuellen Schichttechnik für die Okklusion?
- Welche Vorteile hat die Anwendung der individuellen Schichttechnik?
- Was sind die wirtschaftlichen Aspekte für die Anwendung der individuellen Schichttechnik?

09:00 – 09:30

Oliver Brix, MDT

Creating dental occlusion using the press-ceramic technique

- What is the current status of different press techniques for occlusion?
- What are the advantages of using the press technique?
- What are the economical aspects of using the press technique?
- What kind of different ceramics can be used for occlusal restorations?

Creating dental occlusion utilizing press-ceramic technique

Schaffung einer dentalen Okklusion mithilfe der Presskeramik-Technik

- Wie ist der aktuelle Stand der verschiedenen Presskeramik-Techniken für die Okklusion?
- Welche Vorteile hat die Anwendung der Presskeramik-Technik?
- Was sind die wirtschaftlichen Aspekte für die Anwendung der Presskeramik-Technik?
- Welche unterschiedlichen Keramiken können für die okklusale Restauration verwendet werden?
- Schaffung einer dentalen Okklusion mithilfe der Presskeramik-Technik

09:30 – 10:00

Joachim Maier, MDT

Creating dental occlusion using digital supported machining

- What is the current status of machining techniques for occlusion?
- What are the advantages of using digital milling or grinding for occlusion?
- What are the economical aspects of using machining?
- What kind of different materials can be used for occlusal restorations?

Schaffung einer dentalen Okklusion mithilfe computergestützter Bearbeitung

- Wie ist der aktuelle Stand der Bearbeitungstechniken der Okklusion?
- Welche Vorteile bietet das digitale Fräsen oder Einschleifen der Okklusion?
- Was sind die wirtschaftlichen Aspekte für die maschinelle Bearbeitung?
- Welche unterschiedlichen Materialien können für die okklusale Restauration verwendet werden?

10:00 – 10:30

Panel discussion with all speakers

Podiumsdiskussion mit allen Referenten

10:30 – 11:00

Refreshment break in the Exhibition Area

Kaffeepause im Ausstellungsbereich

Zahntechnikprogramm / Dental Technology Program

Session 2

The digital workflow – state of the art and future perspectives

Der digitale Arbeitsablauf – Stand der Technik und Zukunftsperspektiven

Moderation: Vanik Kaufmann-Jinoian, MDT / PD Dr. Florian Beuer

11:00 – 11:30

Prof. Dr. Wael Att

The current status of using digital oral scanning

- What kinds of systems are available?
- How precise are the different systems?
- How can the data workflow out of the dental office be described?
- What kind of networks and communities are available?
- What are the solutions for digital-based dental models?

Stand der Technik der intraoralen digitalen Abformung

- Welche Systeme stehen zur Verfügung?
- Wie präzise sind die verschiedenen Systeme?
- Wie kann der Daten-Workflow außerhalb der Zahnarztpraxis beschrieben werden?
- Welche Netzwerke und Communities sind verfügbar?
- Welche Lösungen gibt es für die computergestützte Herstellung von Dentalmodellen?

11:30 – 12:00

Marco Cossu, DT

The current status of using digital dental design (CAD)

- What kinds of major systems are available? Are there any differences?
- Which systems have unique characteristics?
- How close are the CADs to nature to simulate oral function?
- Where are the current limitations of software design?
- How can the data workflow between the dental office and production centers be described?

Aktueller Stand der Anwendung von computergestütztem Zahn-design (CAD)

- Welche Systeme sind verfügbar? Gibt es irgendwelche Unterschiede?
- Welche Systeme haben einzigartige Systemeigenschaften?
- Wie nahe kommt das CAD der Realität, um die orale Funktion zu simulieren?
- Was sind die aktuellen Einschränkungen der Softwaremodellierung?
- Wie kann der Daten-Workflow zwischen der Zahnarztpraxis und den Produktionsstätten beschrieben werden?
- Welche Netzwerke und Communities sind verfügbar?

12:00 – 12:30

Ralph Riquier, MDT

The current status of using digital dental manufacturing

- What kinds of systems are commonly used?
- What are the limitations of digital-supported manufacturing?
- What is the current status of additive manufacturing?
- What is the current status of manufacturing dental models?
- What are the economical key factors for in-house production?

Aktueller Stand der Anwendung von computergestützter Zahnersatz-fertigung

- Welche Systeme werden im Allgemeinen benutzt?
- Worin bestehen die Einschränkungen der computergestützten Fertigung?
- Wie ist der aktuelle Stand der additiven Fertigung?
- Wie ist der aktuelle Stand der Fertigung von Dentalmodellen?
- Was sind die wirtschaftlichen Schlüsselfaktoren für die Herstellung im eigenen Haus?
- Wie sind die Zukunftsperspektiven der digitalen dentalen Fertigung?

12:30 – 13:00

Panel discussion with all speakers

Podiumsdiskussion mit allen Referenten /

13:00 – 15:00

Closing of the meeting and exhibition

Abschluss der Tagung und Dentalausstellung

SOCIAL EVENT / RAHMENPROGRAMM

16:00 – 23:00

IFED 2013 at the "Oktoberfest" Munich

IFED 2013 auf dem Oktoberfest in München /

(dress code: casual or traditional costume /casual oder Tracht)

For more information see page 34





Bavarian Evening on the Nockherberg on the occasion of the 10th International Annual Meeting of the DGÄZ

Thursday, September 19th 2013. Start at 7:30 p.m., dress code: casual or traditional costume.

A traditional Bavarian evening with the "Waldramer Tanzmusi" band. A sociable evening for our international and national IFED guests for introductions, cooperative discussions, and having fun at the well-known traditional Bavarian inn Nockherberg, with traditional culinary delights, beer and music.



DGÄZ

Only a few tickets for the social events are available at registration desk.

Wenige Tickets sind noch verfügbar. Bitte fragen Sie am Kongresscounter.

Traditioneller Bayerischer Abend im Nockherberg anlässlich der 10. Internationalen Jahrestagung der DGÄZ

Donnerstag, 19. September 2013. Beginn 19:30 Uhr, Dresscode: casual oder Tracht

Anlässlich des Jubiläums lädt die DGÄZ ein zum Traditionell Bayerischen Abend mit der „Waldramer Tanzmusi“ für unsere IFED 2013 Gäste zum besseren Kennenlernen, kollegialen Austausch und gemeinsamen Feiern nach guter bayerischer Tradition. Ein Erlebnis der besonderen Art in der bekannten Münchener Traditionsgaststätte Nockherberg, ganz in der Nähe des Gasteigs, mit typisch bayerischen kulinarischen Genüssen, traditionellem Bier und Musik.

You will find the venue (Wirtshaus Paulaner am Nockherberg) within walking distance (about 1,2 km) in 15 minutes along the "Hochstraße".

Sie erreichen das Wirtshaus Paulaner am Nockherberg vom Gasteig in 15 Minuten Fußweg (1,2 km) entlang der Hochstraße.

Venue/Veranstaltungsort:
Paulaner am Nockherberg
Hochstrasse 77, 81541 München/Munich
Tel: +49 (89) 45 99 13-0
E-Mail: info@nockherberg.com



www.openstreetmap.org

Mit freundlicher Unterstützung von Dampsoft

DAMP SOFT
Zahnarztsoftware
mit Sicherheit!



IFED 2013-NIGHT "Esthetics has many faces" of IFED and DGÄZ presented by BMW at BMW Welt

Friday, September 20th 2013 presented by BMW at BMW WELT.

Start at 7:00 p.m., dress code: elegant.

BMW welcomes IFED Night participants to the exclusive IFED Congress 2013 evening event at BMW Welt. Let us enchant you with a diverse program that will appeal to all your senses: under the motto "Esthetics has many faces", the IFED Night begins in style with a Moët Hennessy champagne reception. Raise your glasses to a successful IFED 2013 and stroll around the architecturally amazing BMW Welt.

ATTENTION!

If you are registered for the IFED Night please note that you have to come to the BMW stand (No 11) to exchange your voucher into a seat reservation ticket.

ACHTUNG!

Haben Sie sich für die IFED Night angemeldet? Dann denken Sie bitte daran, Ihren Gutschein am BMW-Stand (Nr. 11) gegen eine Platzkarte einzutauschen!

IFED 2013 Night „Ästhetik hat viele Gesichter“ der IFED und DGÄZ präsentiert von BMW in der BMW Welt

Freitag, 20. September 2013. Beginn 19:00 Uhr. Dresscode: elegant

BMW begrüßt die IFED Night Teilnehmer zur exklusiven Abendveranstaltung des IFED Kongresses 2013 in der BMW Welt. Lassen Sie sich verzaubern durch das vielfältige Programm, das all Ihre Sinne ansprechen wird: Unter dem Motto „Ästhetik hat viele Gesichter“ startet die IFED Night stilvoll mit einem Champagnerempfang von Moët Hennessy. Stoßen Sie auf eine erfolgreiche IFED 2013 an und flanieren Sie durch die architektonisch beeindruckende BMW Welt.

We offer a shuttle service from "Gasteig" to the "BMW Welt" and return.

The busses will depart from 5:45 pm.

The return will be from 0:30 am on.

Der Transfer zur BMW Welt erfolgt mit Shuttlebussen. Start und Ziel ist der Gasteig.

Der erste Bus fährt um 17:45 Uhr (Abfahrt jeweils, wenn ein Bus voll besetzt ist).

Die Rückfahrt erfolgt ab 0:30 Uhr.

Address/Adresse:

BMW Welt, Am Olympiapark 1, 80809 München/Munich





IFED 2013 at the "Oktoberfest" Munich

Saturday, September 21st 2013. Start at 4:00 p.m., dress code: casual or traditional costume.

The Munich Oktoberfest ("Wiesn") is a 16-day "beer festival" held annually in Munich. It is the world's largest fair, with more than 6 million people from around the world attending the event every year.

IFED auf dem Oktoberfest in München

Samstag, 21. September 2013. Beginn 16:00 Uhr. Dresscode: casual oder Tracht

Das Münchner Oktoberfest ist das größte Volksfest der Welt. Es findet seit 1810 alljährlich auf der Theresienwiese im Zentrum der bayerischen Landeshauptstadt statt und ist ein Anziehungspunkt für Einheimische wie Touristen. 2012 besuchten rund 6,4 Millionen Menschen die sogenannte Wiesn, auf der 6,9 Millionen Maß Bier gezapft wurden.

ATTENTION! Access only with IFED-wristband.

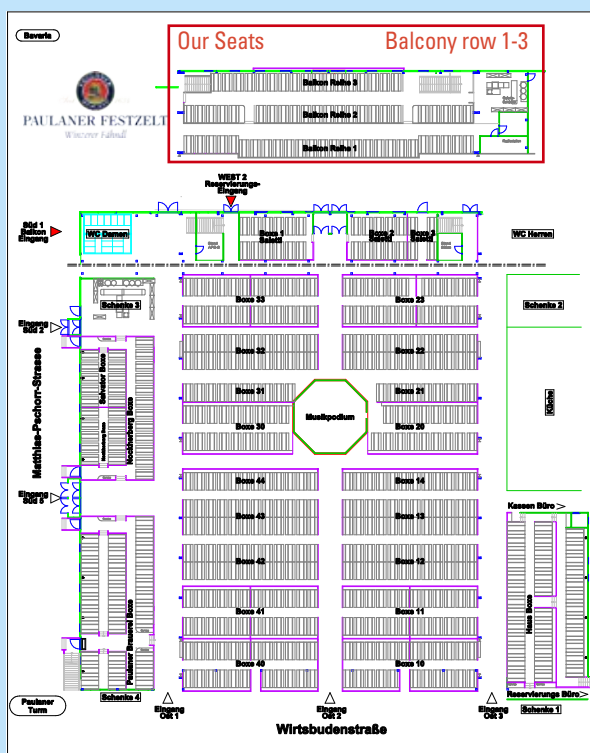
ACHTUNG!
Einlass nur mit
IFED-Armband!



You will find your reserved seats in the Paulaner Festzelt „Winzerer Fähndl“.

The best way to get to the Oktoberfest is to use Munich's public transport network. We do not recommend that you go there by car because there are practically no parking facilities available.

- S-Bahn: S1 - S8 to Hackerbrücke
S7, S20 and S27 to Heimeranplatz, and then
U4 or U5 to station Theresienwiese or Schwanthalerhöhe
- U-Bahn: U3 or U6 to Goetheplatz or Poccistraße
U4 or U5 to Theresienwiese or Schwanthalerhöhe
- Bus: MetroBus-Line 53 to Schwanthalerhöhe
MetroBus-Line 58 to Georg-Hirth-Platz or Goetheplatz
StadtBus-Line 131 or 132 to Hans-Fischer-Straße
StadtBus-Line 134 to Schwanthalerhöhe
- Tram / Straßenbahn: Line 18 or 19 to Holzapfelstraße or Hermann-Lingg-Straße



Ihre Plätze für Samstag wurden im Paulaner Festzelt „Winzerer Fähndl“ reserviert. Zum Oktoberfest fahren Sie am besten mit den öffentlichen Verkehrsmitteln. Sie kommen bequem zum Fest und vor allem ohne Promillegrenzen nach Hause.

Während der Wiesnzeit werden rund um die Theresienwiese zusätzliche Taxistände eingerichtet. Nächste U-Bahn Station ist die Poccistraße oder der Bus Nr. 66.

Der Haupteingang befindet sich aber Nahe der U-Bahn Station Theresienwiese.

Fahrpläne unter: www.mvv-muenchen.de.

Please visit www.mvv-muenchen.de for details of timetables and railway guides



Costume and Riflemen's Parade

Sunday, September 22nd 2013. Start 10:00 a.m. (Kaiser-Ludwig-Platz stand)

The famous Costume and Riflemen's Procession gives an impressive insight into the fascinating diversity of customs rooted in the heart of Bavaria, the states of Germany and in neighboring European countries. A varied succession of regional costume groups, "troops" in historical uniforms, marching bands, riflemen, thoroughbred horses, the decorated drays of the Munich breweries, floats depicting typical local traditions and historic carriages all pass by in a 7-kilometer-long procession.

Trachten- und Schützenzug

Sonntag, 22. September 2013. Beginn 10:00 Uhr (Kaiser-Ludwig-Platz Tribüne)

Über 9.000 Mitwirkende präsentieren eine bunte Trachten-, Brauchtum- und Volkstanzvielfalt. Darunter sind nicht nur bayerische Vereine, sondern Gruppen aus ganz Europa mit ihren Trachten und Spielmannskapellen. Auch die Münchner Brauereien, die jedes Jahr mit ihren prachtvollen Gespannen vertreten sind, sowie die vielen festlich geschmückten Festwagen und Kutschen machen diesen Zug einzigartig.



Lunchtime at the "Oktoberfest"

Sunday, September 22nd 2013, Noon-4:00 p.m.

Enjoy a pleasant noontime walk along the Oktoberfest beer tents and make a stop for lunch at the Paulanerbräu Zelt, also known as the Winzerer Fahndl. This finely decorated tent is especially renowned for its extremely cosy atmosphere.

Mittags-Wiesn im „Winzerer Fahndl“

Sonntag, 22. September 2013. 12:00-16:00 Uhr

Genießen Sie einen gemütlichen Mittagsausflug zum Oktoberfest und stärken Sie sich im Paulaner Festzelt bei einer Brotzeit auf reservierten Plätzen.

See map on page 34



VOR der Icon Behandlung



NACH der Icon Behandlung

durch Prof. Dr. Carlos Rocha Gomes Torres, DDS, Msc, PhD



Die Antwort auf White Spots: I can Icon!

Schnell, schonend, ästhetisch: Die Infiltrationsbehandlung mit Icon.

Kariogene White Spots – eine gerade nach Bracketentfernung ebenso ungern wie häufig gesehene Erscheinung. Bieten Sie Ihren Patienten jetzt eine schonende Behandlungsform statt eines invasiven Eingriffs. Die Infiltration mit Icon ermöglicht

es nachweislich, White Spots auf Glatflächen wirksam zu maskieren. Schnell, schonend, ästhetisch. In nur einer Sitzung. Gute Aussichten für Sie und Ihre Patienten.
www.dmg-dental.com



Besuchen Sie uns am Stand 18.

 **DMG**
Dental Milestones Guaranteed

SPEAKERS A TO Z / REFERENTEN A-Z

**Prof. Dr. Wael Att**

Saturday, September 21st, 2013; 11:00-11:30
Session 2 (DT)

State of the art of intraoral digital impressions

The emergence of recent advances in digital technologies in the contemporary dental practice is inevitable. Intraoral digital impression belongs to the application spectrum of such digital technologies. The goal of intraoral digital impressions is precise data acquisition with the least materials and effort needed. Compared to the conventional approach, the currently available digital impression systems are claimed to provide faster and more accurate impressions, enabling the fabrication of high quality restorations more efficiently and thus provide a higher level of patient care. Although the current intraoral digital impression systems depict some limitations, they are considered as a blueprint for future developments. This presentation will provide an overview about contemporary intraoral impression systems, discuss their possibilities, advantages and limitations and provide insights about future developments.

Curriculum Vitae

After receiving the DDS degree in 1997, Dr. Wael Att visited a 2-year residency program in Oral and Maxillofacial Surgery. In 2000, he joined the postgraduate training program in the Department of Prosthodontics, University of Freiburg and received the Dr. Med Dent degree in 2003. He was then appointed as an assistant professor and became a board-certified prosthodontist in 2004 from the German Society for Prosthetic Dentistry and Biomaterials (DGPro). He was a Visiting Assistant Professor from 2005 to 2007 at The Jane and Jerry Weintraub Center for Reconstructive Biotechnology, UCLA School of Dentistry. Since 2007, Dr. Att has been an Associate Professor and Director of the Postgraduate Program at the Department of Prosthodontics in Freiburg. In 2010, he received the PhD degree from the University of Freiburg. Dr. Att serves as an ad hoc reviewer for several peer-reviewed international journals. He is the President Elect of the Prosthodontics Group of the International Association for Dental Research (IADR) and co-founder of the Arabian Academy of Esthetic Dentistry (ARAED). Dr. Att has many publications focusing on implant therapy and basic science in the most respected journals in these fields. His recent research work about the discovery of biological aging and rejuvenation of implant surfaces was honored by listing under „Images of the Year“ by Biomaterials journal.

**Ralf Barsties, MDT**

Scientific Committee Dental Technology
Program

Friday, September 20th, 2013; 10:30 – 12:00
Moderation: Session 1 (DT)

Curriculum Vitae

- Ralf Barsties, MDT has 25 years of experience in dental technology and successfully leads a dental lab in Berlin together with his brother Andree. There, he also studied 4 university terms of architecture, expanding his knowledge of statics and design.
- The concept of his lab is a creative, vivid melting pot of innovative dental technology, research and development, and urban dentistry with the utmost respect for the esthetic individuality of each patient.
- Ralf is a certified “specialist in esthetic dental technology” of the German Association for Esthetic Dentistry and a member of the Dental Excellence International Group. He works internationally as a lecturer, course instructor and author of numerous dental publications.
- He is a team worker focused on all-ceramics, complex implant, functional analysis and diagnostics. In his close co-operation with the patient and dentist, esthetics play a prominent role.

**Michael Bergler, MDT**

Saturday, Sept. 21st, 2013; 11:15-12:45 (SC)
Introduction: Session 2

Saturday, Sept. 21st, 2013; 16:45-17:15 (DT)
Synopsis of Session 1 and 2

Handmade and machining in 2013

The availability and sharply increasing use of numerous CAD/CAM-Systems seems to drastically alter traditional dental restoration fabrication processes. These changes are not limited to the significantly more reliable and precise fabrication process, but also offer a whole range of new materials that cannot be used with traditional fabrication protocols. The excellent esthetic features (i.e., translucency) paired with favorable physical and biological properties have made high-strength ceramic materials such as zirconium-oxide and aluminum-oxide ceramics true alternatives to conventional dental alloys in a variety of clinical indications. For long-term clinical success, however, and to take full advantage of the unique material properties, it is crucial for the laboratory technician and the dentist to understand clinical indications, advantages and limitations, and required clinical and dental laboratory protocol changes for these technologies and

materials. The knowledge of material and handling properties as well as combination and application of different ceramic materials is fundamental to the clinical success and longevity. Furthermore, the abilities and limitations of the available CAD/CAM systems must be known and applied. If these guidelines are followed, CAD/CAM technology and all-ceramic materials are not limited to single crowns and short-span FPDs, but can be applied to construct implant-supported restorations and even full-mouth rehabilitations in complex cases.

This lecture will present and discuss the possibilities and limits of various CAD/CAM-Systems and will detail the capabilities of modern scanners and software and their influence on the daily lab business.

Differences in scanning technology and the various possibilities for the design of tooth- and implant-supported restorations ranging from single-crowns to complex full-mouth-reconstruction frameworks will be outlined and explained. Furthermore, questions about:

- Where is the line between handmade and machining?
- Which factors are influencing the acceptance and use of CAD/CAM?
- Which laboratory procedures are predominately made by hand?
- Which are the present pros and cons of CAD/CAM?

will be discussed and answered with a variety of clinical cases.

Curriculum Vitae

Michael Bergler, MDT, is internationally recognized in the area of esthetic ceramic restorations and CAD/CAM-technology. Furthermore he is co founder of the CAD/CAM-Ceramic-Center at University of Pennsylvania, School of Dental Medicine. He has published and lectured extensively on restorative materials and dental technology. He trained in Germany at the University of Erlangen-Nuernberg, Department of Prosthodontics, and earned his Certificate of Master Dental Technician (MDT) at the Masterschool of Freiburg, Germany. In addition to holding numerous appointments within the Department of Prosthodontics at the School of Dentistry, University of Erlangen-Nuernberg, Germany, he served as a Master Dental Technician with Dental Laboratory Rainer Semsch, Freiburg im Breisgau, Germany. His dental laboratory training has included study under Kazunobu Yamada, CUSP Dental Laboratory, Nagoya City, Japan; Hitoshi Aoshima, Pearl Laboratory, Tokyo, Japan; and Dr. Gerard Chiche, Chairman of the Prosthodontic Department, Louisiana State University School of Dentistry, New Orleans, La.



PD Dr. Florian Beuer

Wednesday, September 18th, 2013; 9:00-12:00
Ivoclar Vivadent Workshop I

Saturday, September 21st, 2013; 11:00-13:00
Moderation: Session 2 (DT)

Digital dentistry today – a question of materials and concepts

Florian Beuer and Josef Schweiger will present their concepts of computer assisted technology and innovative materials resulting in esthetic and reproducible clinical results:

- All-ceramic solutions on dental implants
- Digital Veneering Solutions
- Increasing the Vertical Dimension of Occlusion
- The Munich Implant Concept MICTM

A unique opportunity to meet a team of two local experts live, hear their ideas about today's concepts and the future development in dentistry. Ivoclar Vivadent is offering a forum of open discussion about dentistry in the 21st century.

Curriculum Vitae

Dr. Beuer was born 1974 in Freising, Germany and graduated from Munich Dental School in 1999. He worked in private practice for two years. Then he joined the Prosthetic Department at Munich Dental School as Assistant Professor and received his Dr. med. dent degree in 2002. In 2005 he received his Specialist in Implantology from the German Society of Implantology (DGI). From 2007 to 2008 he was conducting research as visiting Professor at Pacific Dental Institute, Portland, Oregon (Director: John A. Sorensen DMD, PhD). In 2009 he received his PhD-degree in Prosthodontics from Ludwig Maximilians University and his Specialist in Prosthodontics from the German Academy of Prosthetics and Biomaterials (DGPro). Since 2009 he serves as associate Professor at the Department of Prosthodontics in Munich Dental School. Dr. Beuer is board member of the German Academy of Esthetic Dentistry (DGAEZ) and the German Society of Ceramics (AG Keramik).

He is the editor of the Journal „Teamwork“ and has authored and co-authored more than 180 articles on digital dentistry, implantology, esthetics and metal-free treatment concepts.



Prof. Dr. Nitzan Bichacho

Scientific Committee

Thursday, September 19th, 2013; 14:30-17:00
Treatment Planning Session: Team Europe (SC)

Curriculum Vitae

Nitzan Bichacho, D.M.D. is the head of the Ronald E. Goldstein Center for Aesthetic Dentistry at the Hadassah Medical Campus, holding the post of expert in prosthodontics at the rank of professor, at the Faculty of Dental Medicine, Hebrew University, Jerusalem, where he graduated.

He is Past President and a Life Member of the prestigious European Academy of Esthetic Dentistry (EAED) and is a Diplomate of The International Congress of Oral Implantologists. He also serves at the editorial boards of leading international dental journals.

He is the recipient of numerous awards conferred by international professional institutions around the globe for outstanding professional achievements and contribution to worldwide esthetic and implant dentistry. He is the conceper and creator of novel techniques, materials and systems that have become widely used around the world. Prof. Bichacho has been publishing and lecturing extensively worldwide in the fields of dental implant therapy, fixed prosthodontics, interdisciplinary treatments and innovative treatment modalities in esthetic dentistry.

His private practice in Tel Aviv (www.leadingdentalcenters.com) is focused on interdisciplinary treatments, where he collaborates with multinational world renowned leading colleagues and world master dental technicians.



Oliver Brix, DT

Saturday, September 21st, 2013; 9:00-9:30
Session 1 (DT)

Creating dental occlusion using the press-ceramic technique

Natural posterior teeth display perfectly the interplay of function and morphology. With any restoration in the posterior area this interplay needs to be matched as perfect as possible. Furthermore longevity and durability is another demand associated with a restoration. The press technology delivers those requirements as well as efficiency in a perfect way. The material option, especially with e.max Lithium disilicate offers countless options in utilization and precision. Monolithic or cutback techniques create a perfect occlusion and aesthetic at the same time. Using the wax-up procedure and the subsequent transfer into ceramic, guaranties

a predictable and balanced freedom in centric result without any obstacles. The lecture gives an inside about the press technique, material options and a concept for full mouth reconstructions.

Curriculum Vitae

1985 - 1989 Training as a Dental Technician

Since 1989 Employment in various dental laboratories and dental surgeries and has specialized in the following fields:

- Aesthetics and function
- All-ceramics
- Biomechanical design of occlusal surfaces
- Implantology

1990-1998 Participation in numerous national and international professional training courses

Since 1994 Cooperation with several dental surgeries for functional and aesthetically fixed dental prosthesis

Since 1993 International training courses and lectures on the subject of aesthetics and ceramics. International guest speaker and consultant for Ivoclar. Numerous national and international publications on the subject of aesthetics and ceramics

Since 1997 Member of the Dental Working Group Düsseldorf

Since 2000 Member of the German Association of Aesthetic Dentistry (DGÄZ)

March 2001 Author of the textbook „Das Einmaleins der Ästhetik“ (The Basics of Aesthetics)

Since 2006 Dental company „Innovatives Dental design Oliver Brix“ in Wiesbaden

Since 2007 Editorial Board Member of the American Academy of Cosmetic Dentistry (AACD)

Since 2009 International Training Center Wiesbaden

Since 2012 Dental company „Innovatives Dental design Oliver Brix“ in Bad Homburg



Dr. Rino Burkhardt

Thursday, September 19th, 2013; 9:50-10:15
Session 1 (SC)

Reliability of dental implants

In today's reconstructive therapies we can find a variety of treatment modalities on the shortlist. One of them and frequently chosen is the prosthetic reconstruction supported by endosseous implants. The choice for a certain treatment strategy is the result of a decision-making process, which, in turn, is based on a thorough weighing of the advantages and disadvantages, risks and benefits of the eligible options. Unfortunately, the professional

and economic expectations of the several involved parties do not always coincide or the clinician just offers the treatment which he likes most or is familiar with according to „one size fits all“.

It is the goal of the present lecture to compare the longterm outcomes of implant-supported crowns and bridges with those of fixed ones on natural abutments. It will be interesting to evaluate the most important factors for a successful result.

Once an implant solution has been chosen, it is of interest to look for the variables which define the success of such a treatment in the zone of esthetic priority, especially on a longterm basis. We will see that the perception regarding the severity of the complication, again, does not always coincide between clinicians and patients.

One of the most difficult complications to treat is the peri-implant infection. If we compare the options for infection control that we have around teeth with the corresponding ones around implants, the title of the present session „Reliability of dental implants“ should be added with a question mark.

Curriculum Vitae

Rino Burkhardt graduated from the University of Zurich and received his doctorate from the Medical Faculty of the same University. He is an EFP (European Federation of Periodontology) certified specialist in periodontology and received his Masters degree from the Medical Faculty of the University of Berne (MAS in Periodontology).

He maintains a private practice in Zurich, limited to periodontology and implantology. He is an active member of the European Academy of Esthetic Dentistry (EAED), the European Association for Osseointegration (EAO), the Swiss Society of Periodontology (SSP) and Board member of the Swiss Society of Implantology (SGI).



Dr. Marcelo Calamita

Thursday, September 19th, 2013; 14:30 – 17:00
Treatment Planning Session 1: Team South America (SC)

Saturday, September 21st, 2013; 9:05-9:30
Session 6 (SC)

Indications and limitations of prosthetic solutions

The predictability of the esthetic result when restoring anterior ridge defects will always be a challenge and depends not only on the clinician's ability to manage state-of-the-art surgical procedures. The patient's dental history, current anatomy, and personal wishes should also be integrated in the treatment planning. This presentation will discuss non-surgical approaches to restore the "white and pink esthetics" in deficient edentulous spans, including the prosthetic gingival restoration. When corrected indicated, planned, and carefully executed, the prosthetic gingival restoration can be a trustworthy and predictable alternative to reestablish normal crown ratios and gingival profiles in complex situations, mimicking the color, contour and texture of natural tissues. These

type of restoration can reduce the need of technique-sensitive surgical procedures, which are dependent on the individual pattern of biologic repair, thereby simplifying and reducing the time and cost of treatment.

Curriculum Vitae

Dr. Marcelo Calamita received his DDS degree from the University of Sao Paulo, Brazil. He obtained his certificate, MS, and PhD in prosthodontics from the same University, where he worked as clinical instructor in the Department of Prosthodontics for 17 years. He was associate professor of prosthodontics at University Braz Cubas and University of Guarulhos, both in Sao Paulo. He is the former President of the Brazilian Academy of Esthetic Dentistry and maintains a full-time private practice focusing on comprehensive restorative and implant dentistry. He has lectured, published articles and co-authored book chapters on treatment planning, implants and esthetic restorative dentistry.



Dr. Christian Coachman

Thursday, September 18th, 2013
Treatment Planning Session 1: Team South America (SC)

Friday, September 20th, 2013; 14:15-14:45
Session 2 (DT)

Transferring patient's information in the digital workflow

The goal is to design a smile that fits the patients functional, esthetic and emotional needs by improving the team communication and creating a real interdisciplinary treatment plan. Also increasing case acceptance is paramount by utilizing visual communication, balancing the patients expectation and increasing motivation.

Modern techniques and materials can be useless if the final outcome doesn't achieve or exceed the patient's esthetic desires. Emphasis will be given to the utilization of digital tools to enhance and facilitate the Dentist/Technician interaction and communication with the patient.

Curriculum Vitae

Dr. 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 at the Ceramioart Training Centre, where he also became an instructor.

He began his work as a ceramist in 1996 at the Institute Keyes-Coachman, founded by his father, Dr. Robert Coachman. In 1997 he opened his laboratory. He was a consultant of the ceramic-Willi Geller Creation. 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. Currently consults and develops products for companies internationally.

Currently he is the scientific coordinator of the e-learning website www.identalclub.com / www.digitalsmiledesign.com and works as a consultant for Dental companies and offices 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.

Dr. Coachman has been working with many leading dentists around the world as Dr. Dr. Eric Van Dooren (Antwerp-Belgium), Galip Gurel (Istanbul-Turkey), Giano e Andrea Ricci (Florence-Italy), Nikolay Bakhurinsky (Moscow-Russia), Nitzan Bichacho (Tel Aviv-Israel), Michael Cohen (Seattle Study Club / USA), Mauro Fradeani (Pesaro-Italy), Rajiv Verma (India), Tal Morr (Miami-EUA), in Brazil with Drs. Sideny Kina, Claudio Pinho, Paulo Kano, Mario Groisman, Marcelo Calamita and in the Well Clinic SP.



Dr. Pierpaolo Cortellini

Friday, September 20th, 2013; 8:40-9:05
Session 3 (SC)

The current state of surgical regenerative treatment options

Periodontal regeneration has been shown to be effective in the treatment of 1- 2- 3-wall intrabony defects or combinations thereof, from very deep to very shallow, from very wide to very narrow. Current approaches are technique sensitive and burdened by a significant amount of clinical failures or incomplete success. We know today that most of the failures of regenerative therapy have an explanation in terms of negative patient factors, sub-optimal use of surgical approaches and materials, and insufficient clinical skill and experience of the surgeon. Clinical success requires application of meticulous diagnostic and treatment strategies. In general, the development of modern regenerative surgical approaches are aimed at complete preservation of the marginal soft tissue and of the defect-associated interdental papilla in order to achieve and maintain primary closure on top of the applied regenerative material during the critical stages of early healing events. Specifically, flap designs and suturing techniques attempt to achieve passive primary closure combined with optimal wound stability. Papilla preservation flaps and minimally invasive procedures are the procedures of current application, supported by sound evidence. Suturing strategies are as well relevant to obtain the desired wound stability. The choice of the proper surgical approach and suturing strategy, along with the selection of the proper regenerative material, are of paramount importance to increase the probability of a clinical success.

Curriculum Vitae

Dr. Pierpaolo Cortellini received his MD from the University of Florence (Italy) in 1980, and his DDS in 1984 from the University of Siena (Italy). Dr Cortellini is the Secretary of the Accademia Toscana di Ricerca Odontostomatologica, Firenze Italy, and Board Member of the European Research Group in Periodontology, Berne (CH). He is active Member and Past President of the Italian Society of Periodontology and Past President of the European Federation of Periodontology. Promoter of „Project Periodontal Diagnosis“ and Coordinator of the 5 „National Educational Projects“ from SIdP, he was Scientific Chairman of Europerio 6. He runs a private practice in Florence (Italy), with services limited to periodontics. Dr. Cortellini is involved in clinical research in periodontology since 1982, with special emphasis to periodontal regeneration, aesthetics, and diagnosis. Dr. Cortellini lectures extensively on a national and international level; he is referee of scientific journals in the field of periodontology, and is the author of more than 100 original publications in scientific journals.



Marco Cossu, DT

Saturday, September 21st, 2013; 11:30-12:00
Session 2 (DT)

The current status of using digital dental design (CAD)

The speaker addresses various aspects of the evolution of digital systems and their use in daily practice. Sharing his long-standing experience of using both stereolithographic and milled models based on optical impression taking, he shows what is possible with CAD/CAM systems today. Furthermore, he evaluates the use of CAD/CAM products as compared to traditional techniques in terms of a cost-benefit analysis.

Curriculum Vitae

1981 He received his diploma in Dental Technology in Rome.

1982-1988 He worked with the team of Prof. Mario Martignoni, under the technical guidance of Alwin Schoenenberger.

1988-1989 He worked with Alwin Schoenenberger in his laboratory in Zurich, Switzerland.

1989-1992 He headed, with Antonello Di Felice, Dental Technology Italy in Rome.

Since 1992 He and his partner, Michele Sanna, CDT, run Genesis Dental Lab SA in Lugano, Switzerland.

He is a speaker at many congresses in Italy and in Europe.

He is an honorary member of the Italian Academy of Operative Dentistry (AIC).

He co-authored, together with Alwin Schoenenberger and Antonello Di Felice, a chapter in the book “Aesthetics and Prosthetics”

by Jens Fischer (Quintessenz Publ., 1995). His work appears in the books "Metal-free adhesive restorations", by Roberto Spreafico and Didier Dietschi (Quintessenz 1997), and "The restoration of anterior teeth" by Vanini, Mangani and Klimovskaia (Promoden 2003). He has written several articles published in various dental journals.



Dr. Adalberto de Paula Souza Jr.

Thursday, September 19th, 2013; 14:30-17:00
Treatment Planning Session 1: Team South America (SC)

Treatment Planning Session at the Philharmonic (main hall): Team South America

Curriculum Vitae

- University of Washington - Department of Orthodontics - Visiting Researcher Scholar - 2012
- Teaching Assistant, Trade Union of Dentistry, Paulista Dentistry Association, January 1993-December 1998
- Master's Degree in Dentistry, Department of Orthodontics, School of Dentistry, University of Guarulhos, 1999-2001, Grade Average: A - Thesis: Distraction Osteogenesis in Mandible
- Certificate in Orthodontics, Federal Council of Dentistry, April 2002
- Bachelor's Degree in Dentistry, School of Dentistry, Methodist University of São Paulo, March 1987 - December 1991
- Undergraduate Program, Naval School 1983-1985, Naval College - 1st Year and 2nd Year 1986-1987, Attended Brazilian Marine Corps
- Private Practice, January 1991-Present
- Associate Professor of Orthodontics, Guarulhos University, São Paulo, January 2002-Present
- Associate Professor of Orthodontics, Paulista Dentistry Association (APCD Associação Paulista de Cirurgiões-Dentistas), Piracicaba, São Paulo 2003-Present
- Teaching Assistant, Ingá College of Dentistry, University of Maringá, Araras, São Paulo 2008-Present



Dr. Mauro Fradeani

Friday, September 20th, 2013; 11:20-11:45
Session 4 (SC)

State of the art of indirect restorations and tooth preparations

Designing anterior restorations with optimum esthetics requires correct treatment planning, evaluation of a suitable ceramic material, and skillfull application and techniques. PFMs skill remain one of dentistry's primary restorations of choice because of their strength and reliability, however, the use of metal-free ceramic materials allows to achieve excellent esthetic results for veneers, crowns and bridges fabrication reducing the tooth structure removal. Material selection with dental ceramist is fundamental in management of complex rehabilitation cases.

Several clinical follow-up of glass ceramic and alumina and zirconia systems indicate the adequacy of these materials for anterior and posterior restorations.

Nowadays an innovative operative protocol allows to face highly compromised clinical situations, even in cases, of full-mouth rehabilitations, with a minimally invasive prosthetic procedure (MIPP) that guarantees an excellent, long lasting esthetic result. Clinical and technical suggestions will be supplied using both pressed and CAD-CAM techniques.

Curriculum Vitae

Past President of European Academy of Esthetic Dentistry (2003/2004). Visiting Associate Professor in Prosthodontics at Louisiana State University - New Orleans (USA) from 1999 until 2008, Active Member of the AAED, he maintains membership in the AAFP. He is Founder and Director of ACE Institute, Advanced Continuing Education centre in Pesaro, Italy. Author of the book „Esthetic Rehabilitation in Fixed Prosthodontics“ Vol 1 and Vol 2, edited by Quintessence. He runs a private practice limited to prosthetics on natural dentition and on implants in Pesaro (Italy).



Prof. Dr. Ronald Goldstein

Friday, September, 20th, 2013; 8:45-10:00
Introduction: Opening Session (DT)

Saturday, September 21st, 2013; 11:15-11:25
Introduction: Session 7 (SC)

Curriculum Vitae

Dr. Ronald Goldstein is currently Clinical Professor of Oral Rehabilitation at the Georgia Health Sciences University School of Dentistry, Augusta, Georgia, Adjunct Clinical Professor of Prosthodontics.

dontics at Boston University Henry M. Goldman School of Dental Medicine, and an Adjunct Professor of Restorative Dentistry at The University of Texas Health Science Center at San Antonio, Texas. Dr. Goldstein has presented continuing education courses at more than twenty universities and lectured at over 600 dental meetings worldwide. He is a contributor to ten published texts and author of the text *Esthetics In Dentistry*, published by PMPH. He is co-author of other texts, including *Bleaching Teeth*, *Porcelain Laminate Veneers*, *Porcelain and Composite Inlays & Onlays*, *Complete Dental Bleaching*, and *Imaging in Esthetic Dentistry* – all published by Quintessence Publishing Company. His best-selling consumer book for the public entitled *Change Your Smile*, now in its fourth edition, is also published by Quintessence, and has been read by over 1,000,000 people and has been translated into ten languages.



Hiroki Goto, RDT

Friday, September 19th, 2013; 11:45-13:45
Table Clinic Session (Kuraray Noritake) (DT)

Saturday, September 21st, 2013; 8:30-9:00
Session 1 (DT)

Behind the Scenes: Rule the opacity; Gain ultimate control over porcelain

For successful dental technicians, it is often a challenge and a triumph to achieve esthetically accurate restorations. Whether basic or advanced restoration cases, the work begins with the ability to control the opacity of porcelain materials. With a solid understanding of material properties and creative methodology, you can gain ultimate control over your porcelain and „rule the opacity.“

Lecture attendees will learn proven, effective tips for basic porcelain work as well as advanced approaches for more complex cases. The presentation will cover masking porcelain for veneers, concepts for CZR porcelain, and winning approaches for complicated cases.

Curriculum Vitae

Hiroki Goto, RDT graduated from the Ai-Shi Dental Technique School in 1992 and completed post graduate work at the International Dental Academy in Tokyo. He has mentored with Mr. Naoki Aiba and Mr. Willi Geller through their prestigious Oral Design Courses. Mr. Goto is the Laboratory Manager for the Sheets and Paquette Dental Practice, a private prosthodontic practice in Newport Beach, California. He is an accomplished laboratory technician, ceramist, and educator with over 20 years of experience in Japan, Canada and the United States, and he has served as an international instructor for Noritake such as in Europe, Japan and the United States. Mr. Goto's work can be found in peer-reviewed publications worldwide and he lectures and teaches hands-on courses on both national and international levels.



Dr. Stefano Gracis

Scientific Committee
Dental Technology Program

Friday, September 20th, 2013; 10:30-12:30
Moderation: Session 1 (DT)

Curriculum Vitae

Stefano Gracis received his D.M.D. degree in 1986 from the University of Pennsylvania (Philadelphia, Pennsylvania, USA) and, in 1987, from the University of Pavia (Pavia, Italy). In 1990, under the guidance of Prof. Ralph Yuodelis, he obtained the certificate in Prosthodontics with an M.S.D. degree at the University of Washington in Seattle. He is an active member and future President of the European Academy of Esthetic Dentistry (EAED) and the Past President of the Italian Academy of Prosthetic Dentistry (AIOP). He is on the Editorial Board of the International Journal of Prosthodontics and European Journal of Esthetic Dentistry. He has contributed several articles and chapters in the field of restorative dentistry and he lectures and gives courses regularly, both nationally and internationally, on topics related to fixed prosthodontics and implant prosthodontics. He practices in his own clinic in Milan, Italy, limiting his activity to prosthodontics and restorative dentistry.



Dr. Ueli Grunder

Friday, September 20th, 2013; 13:45-15:15
Moderation Session 2 (DT)

Saturday, September 21st, 2013; 8:30-8:40
Introduction: Session 6 (SC)

Curriculum Vitae

Dr. Ueli Grunder received his DMD degree from the University of Zurich, Switzerland, in 1982. His post-graduate education in advanced fixed prosthodontics also came from the University of Zurich, where he is senior lecturer since 1987. He maintains a private practice since 1989 in Zollikon-Zurich together with Dr. Gaberthüel and has published numerous papers and extensively lectured nationally and internationally on the surgical and prosthetic aspects of implant dentistry.

Dr. Grunder is Past-president of the Swiss Society of Oral Implantology (SSOI) and Past-President of the European Academy of Esthetic Dentistry (EAED).



Dr. Galip Gürel

Friday, September 20th, 2013; 16:15-16:45
Synopsis of Session 1 and 2

Transferring patient's information into the fabrication process – what is mandatory

Latest updates on CAD/CAM technology and communication.

The key to esthetic excellence requires communication with the patient as well as communication with the laboratory and the specialists from the beginning of the case until the end.

In today's opportunities, there are so many tools we use to cultivate our social & professional networks of digital communication.

Together with the increasing innovations on CAD/CAM technologies and in combination with all these digital tools, it should no longer be a problem to communicate, irrespective as to whether the lab, the specialist or whoever you are working with is close to your clinic or in a different country. Digital communication allows everyone to work as a synergistic team.

Curriculum Vitae

Dr. Galip Gürel graduated from the University of Istanbul, Dental School in 1981. He continued his education at the University of Kentucky, Department of Prosthodontics. He received his MSc degree from Yeditepe University in, Istanbul.

Dr. Gürel is the founder and honorary president of EDAD (Turkish Academy of Aesthetic Dentistry). He was the President of the European Academy of Esthetic Dentistry (EAED) in 2011 & 2012. He is also a member of the American Society for Dental Aesthetics (ASDA) and American Academy of Restorative Dentistry (AARD) and the honorary diplomates of the American Board of Aesthetic Dentistry (ABAD). He is also the editor-in-chief of the Quintessence Magazine in Turkey and on the editorial board of the AACD journal, PPAD (Practical Procedure & Aesthetic Dentistry), EJED (European Journal of Esthetic Dentistry).

He has been lecturing on dental aesthetics all over the world and giving post graduate lectures on aesthetics dentistry. He is a visiting professor at the New York University (USA), Marseille Dental University (France) and Istanbul Yeditepe University (Turkey). He is the author of "The Science and Art of Porcelain Laminate Veneers" published by Quintessence publications in 2003 and translated into 10 different languages.



Prof. Dr. Reinhard Hickel

Friday, September 20th, 2013; 10:45-12:15
Introduction: Session 4 (SC)

Curriculum Vitae

Higher Education/Training

1981 Assistant Professor and Dr.med.dent./PhD (Neuro-Physiology)

1986 Associate Professor, Dr.med. habil.

1990/91 Professor at the University Erlangen-Nuremberg for Conservative Dentistry

since 1992 Chairman of Department for Conservative Dentistry (Restorative and Endo), Periodontology and Paediatric Dentistry of the Ludwig-Maximilians-University of Munich

Professional Affiliations:

Member of 10 international and 6 national dental associations or academies.

Member of Editorial Boards of 10 Journals (e.g. American Journal of Dentistry, Dental Materials, Clin Oral Investig, J Prosthetic Dentistry, J Adhesive Dent, J Comp Dent etc.) Associate Editor of Journal of Clinical Pediatric Dentistry

Main subjects of research

- Clinical studies
- New restorative materials (especially composite, GIC, ceramic-inlays, veneers, CAD-CAM-systems),
- minimally invasive dentistry,
- detection & diagnostic systems
- Toxicology and side effects of restorative materials

Others:

- antibacterial approaches in Endodontology, Periodontology, Restorative Dentistry (e.g. Laser, Ozone etc.)
- Prevention, paediatric dentistry
- Wear and erosion

Publications: over 400 publications, 6 books, 25 book chapters



Prof. Dr. Markus B. Hürzeler

Wednesday, September 18th, 2013; 9:00-17:00
Thommen Medical Workshop

Thursday, September 19th, 2013; 14:30-17:00
Treatment Planning Session 1:
Case Presentation (SC)

Thommen Medical Workshop: Implant therapy in the course of time – genius discoveries, brilliant ideas and pioneering innovations – what has remained today?

The speakers will perform live surgeries and engage you in interactive discussions on:

- Extraction and immediate placement in the posterior region
- Peri-implant soft tissue management at second-stage surgery
- Impression-taking and provisionalization.

A unique opportunity to see world-leading experts live, hear their opinion on current trends and bring up questions you have always wanted to ask. Thommen offers you a platform to reflect on treatment options and discuss cutting-edge technologies

Curriculum Vitae

Markus B. Hürzeler received his dental degree from the University of Zurich, his certificate as a specialist in Periodontics from the Swiss Society of Periodontology, the Docent (Associate Professor) degree from the Department of Prosthodontics at Albert-Ludwigs University in Freiburg, Germany, and his certificate in Prosthodontics from the German Society of Prosthodontics. He is Clinical Associate Professor at the Albert-Ludwigs University of Freiburg, Department of the Operative Dentistry and Periodontology and Clinical Associate Professor at the University of Texas in Houston, Texas. Dr. Hürzeler has produced more than 100 scientific publications within the field of implants, periodontology and tissue regeneration and is a regular national and international lecturer. He maintains a private practice focused on periodontics and implant dentistry in Munich, Germany.



Prof. Dr. Dr. Søren Jepsen

Friday, September 20th, 2013; 8:30-8:40
Introductin Session 3 (SC)

Curriculum Vitae

Prof. Jepsen is Director and Chairman of the Department of Periodontology, Operative and Preventive Dentistry at the University of Bonn, Germany. Previously he was Assistant Professor in the Department of Prosthodontics at the University of Hamburg and

later Associate Professor in the Dept. of Conservative Dentistry and Periodontology at the University of Kiel. He received his Dental and his Medical Degree from the University of Hamburg in 1981 and 1986 and a MS in Periodontology from Loma Linda University, California, USA, in 1992. He is a Diplomate of the American Board of Periodontology. He has served on the board of the German Society of Periodontology. Prof. Jepsen became elected member of Leopoldina (German National Academy of Sciences) in 2005. Since 2008 he is speaker of the Clinical Research Unit 208 „Aetiology and Sequelae of Periodontal Diseases“ by the German Research Foundation. Since 2012 he serves on the board of the European Federation of Periodontology. He has lectured and published extensively and is Associate Editor of the Journal of Clinical Periodontology and editorial board member of Clinical Oral Implants Research, the European Journal of Oral Implantology and the Chinese Journal of Dental Research.



Vanik Kaufmann-Jinoian, DT

Friday, September 20th, 2013; 11:45-13:45
Table Clinic Session (Vita)

Saturday, September 21st, 2013; 11:00-13:00
Moderation Session 2 (DT)

Curriculum Vitae

Vanik Kaufmann-Jinoian was born 1958 in Calcutta India, he grew up in Switzerland in a city close to Basel, where he went to school and did his training as a certified dental technician. In the following years he optimized his dental skills in various dental laboratories in Switzerland. In that period of his training he was one year in America to learn the skills of marketing. When he returned to Switzerland he started to work for the Vita Company. He was at that time the youngest international ceramic demonstrator in the world. He was teaching for the ceramic courses around the whole World. In the year 1990 he opened his own dental laboratory in Switzerland. He owns a very high-quality dental lab close to Basel. The dental lab covers all the aspects of modern dentistry. Various dental companies use the lab for testing of new dental materials. Vanik is very involved in the research and development of new techniques he was one of the initiators for the Cerec CAD-CAM system for dental labs. Vanik has also published a book and many articles in different dental magazines around the world and is a well known Speaker at major symposiums.



Andreas Kunz, MDT

Friday, 20th September, 2013; 14:00-15:30
Moderator Session 2 (DT)

Curriculum Vitae

Mr. Kunz finished his dental technology training in 1989. In the years to 1996 he learned the precious metal- and the ceramics technology. He received his master dental technician designation in 1997 and graduated "Best in Class". From 1997 to 1999 he worked in the dental Lab of Rainer Semsch, Freiburg/Germany. Since 1999 he lives in Berlin/Germany and works from 1999 to 2005 in close collaboration with Dr. Hildebrand and three technician colleges. Since 2006 Mr. Kunz has his own Laboratory in Berlin. He works as a lecturer of a master dental School. His main focuses are fixed implant restorations with pink gingiva and white aesthetic, functional aesthetics, fixed and removable restorations. Mr. Kunz shares his experience with colleagues through hand-on courses, lectures and publications. He is member of the Dental Excellence International Group since 2003 and member of the European Dental Association since 2008. Since 2011 he is the vice president of the European Association of Dental Technologie (EADT).



Dr. Fritz Kopp

Friday, September 20th, 2013; 13:55-14:20
Session 5 (SC)

New developments of traditional impressions

A host of excellent impression materials for making impressions in fixed prosthodontics, implant dentistry and operative dentistry are available today. Proper material selection and manipulation allow to make accurate impressions for the fabrication of precisely fitting tooth- and implant supported restorations.

However, many impressions sent to commercial laboratories still are deficient in many respects like inadequately recorded subgingival margins or basic failures in impression material manipulation, using stock trays and thereby ignoring the control of bulk, etc.. As an additional fact, many unacceptable impressions are not a result of deficiencies in the impression materials but rather a result of errors in stages of the restorative procedures, such as improper margin location and overall soft tissue management.

The currently used impression materials, i.e. hydrocolloids, polysulfides, polyvinyl siloxanes, and polyethers, will be analysed relative to a number of ideal properties and characteristics. These include dimensional accuracy, elastic recovery, dimensional stability, flow capacity, flexibility, workability, hydrophilicity, tear

strength, patient comfort, interactions, and disinfection. The importance of these critical manipulative variables will be explained, since impression materials vary considerably in relation to these ideal properties. These differences may provide a basis for the selection of specific materials in specific clinical situations.

Based on this, a treatment protocol, clinically tested and successfully performed over the last 25 years in my private office, will be presented.

Finally, conclusions will be drawn with regard to the future of the traditional impression.

Curriculum Vitae

Dr Kopp received his dental degree in 1975 from the University of Basel School of Dentistry, Switzerland, where he started his postgraduate training in Operative Dentistry and Periodontics, and presented his doctoral thesis in 1977. From 1977 to 1984 he completed postgraduate programs in Fixed and Removable Prosthodontics, and in Oral Surgery as well, at the University of Zurich School of Dentistry. He also was senior lecturer in Fixed and Removable Perio-Prosthetics at Prof. Peter Schärer's Department. From 1982 to 1983 he was engaged as a Visiting Assistant Professor at the Department of Occlusion and the TMJ/Oral Facial Pain Clinic of the University of Michigan School of Dentistry in Ann Arbor with Prof Major M. Ash. Since 1984 he maintains a private practice for Perio-Prosthodontics in Zurich. Between 1985 and 1996, he was part-time senior lecturer in Fixed Prosthodontics and Occlusion at the University Of Geneva Dental School with Prof Urs C. Belser. Dr Kopp has published articles in the fields of Periodontology, Esthetic Dentistry and Oral Implantology, and is co-author of Esthetic Guidelines for Restorative Dentistry, published in 1982 by Quintessence. He has given lectures and clinical courses internationally. Dr Kopp holds membership in the Swiss Dental Society (SSO), the Swiss Society of Reconstructive Dentistry (SSRD) as a registered specialist, and the L.D. Pankey Alumni Association. He is a fellow of the American Academy of Esthetic Dentistry and an active member of the European Academy of Esthetic Dentistry.



Prof. Dr. Lennart Lagerström

Thursday, September 19th, 2013; 11:30-11:40
Introduction Session 2 (SC)

Curriculum Vitae

Professor Lennart Lagerström received his Dental Degree from the Royal School of Dentistry, Stockholm, Sweden in 1961 and his certificate in Orthodontics and the Master of Science Degree from the University of Illinois, U.S.A. in 1966.

He was the Director of the Public Orthodontic Clinic, Halmstad, Sweden from 1975 to 1995 where he also had a part time private practice and during the period 1988-1990 part-time he was also

Senior Lecturer in Orthodontics at the Dental Faculty, University of Lund, Sweden.

From 1995 to 2002 Lennart Lagerström was Professor of Orthodontics and Director of the postgraduate program in Orthodontics, School of Dental Sciences, Trinity College, Dublin, Ireland.

During 2003-2006 he was the Orthodontic Postgraduate Director, Faculty of Odontology, Karolinska Institute, Stockholm, Sweden.

Professor Lennart Lagerström is a part-time orthodontic private practitioner in Halmstad, Sweden. He is also presently involved in the NEBOP organization making assessments of Orthodontic Postgraduate Programs within the European Community.

Professor Lennart Lagerström is a member of the Angle Society of Europe and has been its President from 1991 to 1993. He is a certified member of the European Board of Orthodontics and has been examiner of the Board 1997-1999 and 2011-2013.

He has lectured in many of the European countries as well as in the US and Asia and has been a speaker at International Conferences. He has 24 scientific and clinical publications in International Journals.



Prof. Dr. Dr. Niklaus P. Lang

Thursday, September 19th, 2013; 09:15-09:25
Introduction Session 1 (SC)

Thursday, September 19th, 2013; 14:30-17:00
Introduction: Treatment Planning Session 1 (SC)

Curriculum Vitae

Professor of Implant Dentistry, The University of Hong Kong 2008-2012, Professor Emeritus, University of Berne, Switzerland, Chairman 1980-2008;

Dr. odont. h.c., Aristotle University of Thessaloniki, Greece, 2011, Honorary Professor University of Aarhus, Denmark 2006-2011; Odont. Dr. h.c., University of Gothenburg, Sweden, 1997; Honorary Fellow RCPS Glasgow, 1995; Dr. odont. h.c., University of Buenos Aires, Argentina, 1994; Dr. odont. h.c., University of Athens, Greece, 1989; PhD, University of Berne, 1978; Master of Science in Periodontics, University of Michigan, Ann Arbor, 1975; Dr. med. dent., University of Berne, 1970;

Honorary Professor: The University of Hong Kong 2013-2015, University College London 2012 -, University of Zürich 2013 -

Guest Professor University of Otago, Dunedin, New Zealand, 2008, National University of Singapore, 2002, 2004, 2007, 2009, 2013; University of Michigan, USA, 2005, University of Göteborg, Sweden, 2000, University of Queensland, Brisbane, Australia, 1999/2000, University of Aarhus, Denmark, 1994, The University of Hong Kong, 1994, University of Texas, Health Science Center at San Antonio, Texas, USA, 1986; Professor Extraordinario, Universidad Autonoma de Nuevo Leon, Monterrey, Mexico, 1980.

Published over 530 articles in peer-reviewed scientific journals and several textbooks (h-Index: 62). Over 2500 lectures in 5 continents. Editor-in-chief: Clinical Oral Implants Research, Editor: Oral Health and Preventive Dentistry. Assoc. Editor: Journal of Investigative and Clinical Dentistry

Honorary member of: the American Academy of Periodontology, the Danish, German, Hellenic, Italian, Lithuanian, Slovenian, South African and Swiss Societies of Periodontology, Danish Society for the Study of Periodontology, Italian Society of Osseointegration, International Team of Implantology (ITI), Australian-New Zealand Academy of Periodontology (ANZAP). Platinum medal of the Spanish Society of Periodontology and Implant Dentistry



Samuel C. Lee, CDT

Friday, September 20th, 2013; 8:45-10:00
Opening Session (DT)

Weaknes turns to strength: Enduring esthetics

The Patron Klaus Mütterthies will be debating topics with Samuel C. Lee.

Curriculum Vitae

One of the world's top esthetic dental ceramists, Samuel C. Lee, CDT, MDC, started his career in Seoul, Korea in 1978. In 1986, he founded his own dental studio in Southern California. Since then, he graduated from the UCLA Master Dental Ceramic Post Graduate Residency Program in 2001 and became an adjunct faculty member for UCLA. He has studied and trained under masters such as Klaus Mütterthies, Dr. Ed McLaren, and Claude Seiber. Sam is a member of the Art Oral Society, has served as a technical advisor for several companies, and has published articles for renowned dental magazines such as QDT Yearbook. He was also awarded at the 2005 Nobel Biocare World Conference. He is also a frequent lecturer at numerous dental conferences around the world. By uniting his Asian sensibilities and culture, European training, and Californian style and experience, Sam developed his unique concept of esthetic restorations: the California Smile. His professional philosophy The Emotion of Excellence is to not only produce a successful restoration, but to instill self-confidence and satisfaction.



Dr. Markus Lenhard

Wednesday, September 18th, 2013; 14:00-17:00
Ivoclar Vivadent Workshop II

Ivoclar Vivadent Workshop II: Direct restoratives – mastering anterior and posterior challenges

For single tooth restorations composites have become a viable alternative to full ceramics. Scientific data increasingly supports the use of resin composites even for large restorations including cusp replacement, full crown build-ups or even small bridges.

However, the clinical procedure imposes a range of challenges on the operator. Matching translucency in anteriors, creating the correct occlusal morphology and interproximal contacts and providing adequate physical properties to the composite, are only some of the points that must be addressed by the dentist. The workshop focuses on the critical clinical steps, explains the most commonly encountered failures, and gives numerous clinical tips and tricks.

Curriculum Vitae

1992-1997 Research Associate, Outpatients Department for Conservative Dentistry and Periodontology of Heidelberg University

1997-1999 Product Manager, Ivoclar Vivadent AG, Liechtenstein

1999-2000 Director of Vivadent Training Center, Ivoclar Vivadent, Liechtenstein

2000-2002 Clinical Manager ICDE, Ivoclar Vivadent AG, Liechtenstein

2003-2010 Lecturer at Heidelberg University

Since 2003 Dentist, private practice / Schweiz

Since 2005 Member of the Editorial Board, „Estética“

Since 2006 Member of the Editorial Board, European Journal of Esthetic Dentistry

Dr. Lenhard has held over 450 lectures in 44 countries and is the author of numerous publications in national and international professional journals.



Joachim Maier, MDT

Saturday, September 21st, 2013; 9:30-10:00
Session 1 (DT)

Creating dental occlusion using digital supported machining

Present state of machining techniques for occlusion.

The presentation shows digital opportunities of a modern CAD System on a real patient case.

The advantages will be discussed of digital planning, digital design and the economical aspects of utilizing machining for occlusion.

An introduction on modern materials for digital supported machining will be given.

Curriculum Vitae

1992 after apprenticeship for dental technology in Stuttgart he worked as dental technician at School for Dental Medicine, Tübingen. Five years at a renowned laboratory in Stuttgart were followed by a collaboration with Kenneth A. Malament DDS, MScD, in Boston and support as visiting lecturer the Postdoctoral Program for Prosthodontics at Tufts University, School of Dental Medicine and Harvard School for Dental Medicine in Boston.

In 1999 Joachim Maier left Master School in Munich, awarded. In the same year he was co-founder and part owner of Bodensee Dentaltechnik AG, a metal free dental laboratory limited to All Ceramic and CAD/CAM technology in Meersburg.

2008 he won the award „Best Lecture of 2008“ at ADT Congress in Stuttgart.

Today he is running the Joachim Maier Dental Design, located in Überlingen at Lake Constance. The laboratory is specialised on fixed prosthesis with All Ceramic Systems.

He gives presentations and courses on All Ceramic, minimal invasive restorations, implant borne prosthesis, CAD/CAM technology and reports on his experience with over 10000 Units of Allceramic internationally. Joachim Maier is member of the Oral Design Foundation.



Dr. Domingo Martín

Thursday, September 19th, 2013; 11:40-12:05
Session 2 (SC)

New orthodontic techniques: easier and invisible

My talk will be on the integration of esthetic dentistry and orthodontics. Today it is almost imperative to give our patients the most optimum in esthetics and function. With orthodontics alone this in many cases is almost impossible since our patients (especially adults) come with a myriad of problems that make it very difficult to reach our esthetic goals with only orthodontics. This is the reason that today to be able to obtain our goals in a high percentage of patients, it is an obligation to work with a colleague with an excellent preparation in esthetic dentistry without ignoring function. In my presentation I will share with you cases where the symbiosis of orthodontics and prosthodontics yields excellent long term results.

Curriculum Vitae

- B. A., University of Southern California
- M.D. University of Bilbao
- D.D.S. University of Bilbao
- Master in Orthodontics University of Valencia
- Diploma For Functional Occlusion – Roth Williams Center 1991-1993
- Diploma Foundation for Bioesthetic Dentistry 2004-2006
- Active Member Angle Society of Europe
- Carol Prize for Best Presentation at the S.E.D.O. (Spanish Society of Orthodontics) 1991
- President of the S.E.D.O. Meeting (Spanish Society of Orthodontics) 2000 San Sebastián
- Diplomate of the European Society of Orthodontics (EBO) 2008
- Director of Roth-Williams Center for Functional Occlusion – Spain and Portugal
- President of Roth-Williams International Society of Orthodontics
- Visiting Professor – International University of Catalunya - Barcelona Orthodontic Department
- Visiting Professor University Complutense of Madrid - Department of Periodontics
- Dr. Martín has given courses and conferences in Spain, Portugal, France, Italy, Germany, Russia, China, England, Austria, Israel, Chile, Argentina, Mexico, Uruguay, India Turkey, Dubai(U.A.R.),- Japan and USA
- Private practice limited to orthodontics in San Sebastian, Spain.



Klaus Mütterthies, DT

Friday, September 20th 2013; 8:45-10:00
Opening Session (DT)

Weakness turns to strength

Enduring esthetics

The Patron will be debating topics with one of his former students, Samuel Lee

ART ORAL – EMOTION OF EXCELLENCE This talk gives an insight into the fine art of ceramic design, accompanied by the philosophy of the other dimension of esthetics. Klaus Mütterthies provides an impressive demonstration on how psychological mechanisms develop and shows how they can be used to calm and convince the patient effectively. The patient experiences a sense of the extraordinary. Reports of numerous cases of patients, which take into account the important aspects both from the dentist's and dental technician's point of view, shed light on actively committed and unconventional new ground which needs to be broken. Orientation towards nature, enthusiasm and perfect technology are the prerequisites and masterful influence of tissue and full ceramics are the basis.

Curriculum Vitae

- Klaus Mütterthies, born 25.12.43 in Gütersloh.
- Education as an dental-technician.
- Klaus Mütterthies has his own laboratory, which he use for experimental Work and for postgraduate courses.
- He has been invited to hold courses abroad in USA, Canada, Australia, Japan, Asia and the most European countries.
- From 1991-1992 he had a teaching asignment at the Private University Witten/Herdecke.
- Klaus Mütterthies is author of 4 books and 3 videofilms published by Quintessence, Berlin and 1 book by himself, Topic: Ceramic work.



Prof. Dr. Yoshihiko Mutoke

Saturday, September 21st, 2013; 11:25-11:50
Session 7 (SC)

State of the art of manually fabricated esthetic restorations

The demand generated by the growing appreciation of a more aesthetically attractive nature of a patient's mouth has increased. Thus prosthetic dentistry with a form approximating that of natural

teeth has come to be required not only in the incisal part, but also in the molar part. This development has resulted in demands for color tones in that area.

In recent years, the further clinical application of all ceramic crowns being of high intensity, which has brought the color tone and light transmittance state closer to that of a natural teeth, has seen a rise in their being chosen for use as the restoration material.

Zirconia system using CAD/CAM is the most recent of the ceramic system to become popular. Zirconia has high bending strength and a destructive toughness value, and its adaptation range has been spreading markedly with the reliable of intensity. To recover a healthy and beautiful mouth and to maintain it in that condition, it is important that it is engaged in medical treatment, making full use of state-of-the-art technology in which both the dentist a kind of craftsmen, and the dental technician become skillful and exchange their highly knowledgeable information mutually and clearly. Only by having left all to the beautiful ceramic restoration piece that an excellent dental technician merely manufactures, a long-term prognosis in dental aesthetics cannot be expected.

In this lecture, there are three main topics about (1) the importance of provisional restoration which is in union with periodontal tissues at chair-side to secure prognosis for a long time, (2) the method of how to adjust subgingival contour of provisional crown to make a symmetry of gingival level at right & left sides and (3) the benefits of press-system which can make a 3-D copy of provisional crown.

To produce an excellent result of esthetic restoration, playing respective role of dentist and technician in my view is introduced with some clinical cases.

Curriculum Vitae

- In 1961: Born in Kyoto
- In 1986: Graduate from Asahi University faculty of Dentistry
- In 1986: Be a member of the 1st prosthetics lecture group in Faculty of Dentistry of Osaka University
- In 1998: Be an assistant in the hospital of Faculty of Dentistry of Osaka University
- In 2004: Receive a Doctor of Medical Dentistry in Osaka University
- In 2007: Start own practice located in Osaka
- Part-time Lecturer in faculty of Dentistry of Osaka University
- Administration officer, Boardman and Certified Dentist of Japan Academy of Esthetic Dentistry
- Dental Specialist of Japan Prosthodontic Society
- He designed the logo mark of Japan Academy of Esthetic Dentistry
- In „Yokohama 96“ Technical contest, he awarded first Grand Prix with his skull-bone sample as a dentist
- From Quintessence, he received the „Excellent Article Award“ and the „Excellent Clinical Article Award“ in 2000 QDT of the year
- He received the „Dentsply Award“ at Japan Academy of Esthetic Dentistry in 2006



Andreas Nolte, DT

Friday, September 20th, 2013; 10:30-11:15
Session 1 (DT)

State of the art of veneers on prep vs. no-preparation

By a grounded planning and analytic approach we decide for proper technique and materials to each patient individually, ranging from minimally invasive techniques such as Non-Prep Veneers to complex implant-born restorations.

Veneers have been proven for many years as a fantastic restoration shape. For some years now we practice veneers without preparation, called non-prep-veneers. One must, however, some things to consider in order being successful with this technique.

The lecture gives an short overview of indications, limitations, including some technical aspects of these fantastic possibility to restore with respect, regarding the enamel, the teeth of our patients.

Curriculum Vitae

- He diplomated as a dental technician in 1989 in Lübbecke (East-Westphalia) and worked in different laboratories until 1993 when he began his employment in a dental office as an in-house dental technician for eight years.
- Having years of travel 2001 and 2002, he started his own business in Münster in 2002. Since 2004 he runs his own laboratory and training center in the heart of Münster.
- Author of several articles published in Quintessenz, Teamwork, Dental Labor and Dental Dialogue, he has been lecturing throughout Europe and the United States since 2000.
- He is also member of the advisory board of Quintessenz Zahn-technik and Dental Dialogue. Member of the „group 65“.



Dr. Claudio Pinho

Friday, September 20th, 2013; 10:55-11:20
Session 4 (SC)

State of the art of direct restorations

The esthetic adhesive dentistry has improved in the last years. The new composite resin systems can reproduce both enamel and dentin shade, translucency, opalescence, fluorescence and surface texture.

A lot of articles show us the correct indications and limitations. Some clinical cases will illustrate the great results and also the longevity of this materials.

Curriculum Vitae

- Certificate in Operative Dentistry (UNESP – Araçatuba – SP)
- Certificate in Prosthodontics (IPESP – Brasília – DF)
- President of the Brazilian Society of Esthetic Dentistry (SBOE) 2008-2009
- Collaborating author of the textbook – Soluções Clínicas – Authored by Prof. Baratieri
- Author of the textbook – Inspiration – Quintessence
- Full time private practice – Brasília (DF) – Brazil



Udo Plaster, MDT

Friday, September 20th, 2013, 14:00-14:30
Session 2 (DT)

Estetic and Function:

Recognizing and Exploiting Natural Interrelations

Interdisciplinary communication in daily dental practice is a very usual routine, and not enough attention is given to this extremely important part of the treatment process. Color of the teeth often is the only reason why dentists communicate with their dental technicians. However, the important aspects of the treatment should be discussed intensely in the team, involving dentist, dental technician and patient, and this should lead to the overall esthetic and functional outcome. The significance of the details, such as facial and head lines, head position as well as musculature, should also be considered.

This lecture provides an in-depth look to the guidelines seeking natural restoration of dental esthetics and function. There is a number of questions each dentist or dental technician should keep in mind: do we observe compensations in patient's facial mimic or body position? In which level – skeletal or muscular – is this compensation noticed? Does the patient have any complaints about these compensations? Are any causes, such as extracted teeth or loss of vertical dimension of occlusion, detected? Are those compensations regressive? And what consequences would we face if we leave the situation unchanged? An analysis of these questions will help to diagnose the existing functional deficit as well as to plan further steps of the treatment.

Curriculum Vitae

1987-1990 studied dental technology. Holds Master Dental Technician certificate (since 1997, achieved in Dusseldorf, Germany). Head of dental technology laboratory „Plaster Dental-Technik“ in Nuremberg (Germany), specializes in production of esthetical-functional teeth restorations. One of the dental excellence laboratory network cofounders. Member and lecturer of DGÄZ., ICCMO., EADT. Courses and lectures in gnathology, ceramic restorations. In 2007 announced as best lecturer in Germany by ADT (Arbeitsgemeinschaft Dentale Technologie).



Otto Prandtner, MDT

Friday, September 20th, 2013; 11:45-13:45
Table Clinic Session (Creation Willi Geller)

Friday, September 20th, 2013; 15:45-16:15
Moderator: Synopsis of Session 1 and 2 (DT)

Curriculum Vitae

His focus on quality and the aesthetic, combined with a recommendation from Willi Geller, lead Otto Prandtner in 2002 to the surgery of Dr Sheets & Paquette in Newport Beach, California. It is recognised as one of the best dental surgeries in the USA. Before he moved to California he was working for Peter Biekert in Stuttgart. Even there he was working intensively with patients and gave hands-on courses. Born in Austria he was first educated with Creation Ceramic by an Oral Design member in Salzburg.

In addition to his entrance in lecture work in 2004 he also gives courses at the Newport Coast Oral Facial Institute and for Amann Girrbach. He also lectures for IDEA in San Francisco. Since 2008 he lives and works in Munich, Germany.



Prof. Dr. Ariel J. Raigrodski

Friday, September 20th, 2013; 15:45-17:45
Moderation Synopsis of Session 1 und 2 (DT)

Saturday, September 21st, 2013; 11:50-12:15
Session 7 (SC)

The current state of CAD/CAM restorations

The advent of CAD/CAM technology ushered in a new era expediting restorative patient care in terms of function, esthetics, and longevity. Currently, CAD/CAM technology enables the use of materials, such as zirconia and titanium, which we otherwise could not have used for dental applications. Moreover, the use of CAD/CAM technology provides the unique opportunity to process materials at a high quality with a variety of metal alloys, ceramics, and polymer-based materials for both definitive and provisional restorations while demonstrating higher efficiency and effectiveness.

This presentation will address the challenges and opportunities dental technicians and clinicians encounter while using CAD/CAM technology to fabricate a wide array of restorations such as veneers, inlays, onlays, crowns, fixed dental prostheses (FDPs), custom implant abutments, implant bars and infrastructures, and screw-retained removable and fixed implant-supported prostheses. In addition, it will discuss how CAD/CAM technology supports the fabrication of monolithic restorations for facilitating the fabrication of tooth-colored restorations in non-esthetic areas and the fabrication of bi-layered restorations with custom-designed

infrastructures that may be veneered in either a conventional or digital manner to enable desired functional and esthetic outcomes.

Curriculum Vitae

Dr. Raigrodski is a Professor and Director of Graduate Prosthodontics at the Department of Restorative Dentistry at the University of Washington. He is a member of the editorial review boards of the Journal of Esthetic and Restorative Dentistry, the Journal of Prosthodontics, the Journal of Prosthetic Dentistry, and the American Journal of Esthetic Dentistry. Dr. Raigrodski is a graduate of the Hebrew University in Jerusalem Israel. He received his certificate in Prosthodontics at Louisiana State University School of Dentistry, where he also completed a fellowship in implants and esthetics, and an MS degree. He is a Diplomate of the American Board of Prosthodontics, a fellow of the American College of Prosthodontists, A fellow of the International College of Dentists, and a member of many professional organizations. An author of numerous scientific articles and book chapters, Dr. Raigrodski's research is mainly clinical and focuses in all-ceramics, implants, and CAD/CAM technology. He lectures both nationally and internationally, and holds a private practice in Kenmore, WA.



Ralph Riquier, MDT

Saturday, September 21st, 2013; 12:00-12:30
Session 2 (DT)

The current status of using digital dental manufacturing

CAM technology is an essential part of digital manufacturing. As important as analog manufacturing, knowledge of casting techniques, metals and embedding procedures were in the past, today, it is essential to know everything there is to know about milling tools, types of machines and milling path generation. This talk will demonstrate the basics of CAM manufacturing and provide an insight into computer-aided manufacturing.

Curriculum Vitae

- Born 1969 in Bonn
- Apprenticeship and journeywork at Dental Lab Wolff and subsequently Dental Lab Heinzel/Schmidtke in Bonn
- 1996 completed master craftsmen school, best of the class at the Chamber of Craftsmanship in Cologne
- 1996 Dental lab Heinzel/Schmidtke
- 1997 placed 4th for the Klaus Kanter Prize
- 1997 – 1998 Course instructor at Training Center BEGO Bremer Goldschlägerei (gold leaf manufacturer)
- Developed a concept for a special training course for the master craftsmen exam

- Courses in 14 master craftsmen schools, domestic as well as abroad, with a focus on combinations techniques and milling techniques.
- 1998 – 2002 Head of Dental Technology Department at Girschbach-Dental as well as project management with Digident System
- January 2002 – May 2008 Director of Marketing and Sales at Hint-ELs GmbH
- June 2008 to present – Freelance
- Since 1997, numerous international articles in the areas of milling technology/combination technology, occlusion and CAD/CAM design have been published.



Luc Rutten, MDT

Wednesday, September 18th, 2013; 9:00-12:00
Nobel Biocare Workshop

Nobel Biocare Workshop Esthetics and Soft tissue health around implants – Outcomes for long term predictability

The aim of this treatment planning session is to in team approach identify and optimally control those factors that contribute to overall soft tissue health and stability in dental implant treatment. These include implant design, abutment type and shape, restoration contour and a meticulously and scrupulously executed sequence of clinical procedures.

(3 hours total: 2 hours lecture + 1 hour with demo of how to design an optimal provisional)

Curriculum Vitae

Luc Rutten graduated in dental technology at the Dental Technician School „Anneessens“ in Brussels/Belgium. After receiving his Master Degree he moved to Cologne/Germany to specialize in different milling techniques and ceramic layering techniques. He lectured regularly all over Europe, in Australia, India, Israel, Japan, Saudi-Arabia, South-Africa and USA. In addition to numerous publications in international dental journals on a regular basis in the field of esthetic implantology and esthetics in general, Luc is co-author of several text books and authored the books „Implant Aesthetics“ and „C, B and I: The Art of Harmony“. Luc maintain a dental laboratory in Tessenderlo/Belgium, dedicated to ceramic restorations and esthetic implantology.



Prof. Dr. Irena Sailer

Friday, September 20th, 2013; 13:45-13:55
Introduction Session 5 (SC)

Friday, September 20th, 2013; 15:45-16:15
Synopsis of Session 1 and 2 (DT)

Clinical success of build-up and monolithic all ceramic restorations

Digital impressions have been introduced to dentistry more than 25 years ago with the development of the Cerec CAD/CAM system. This first chairside CAD/CAM system opened up a completely new way of fabrication of dental reconstructions, i.e. an entirely digital way, nowadays named the „digital workflow“. Until then the traditional procedures encompassed conventional impressions poured with stone in the dental laboratory, and manual fabrication of the reconstruction out of various materials on stone mastercasts by a dental technician. The new approach was, that the impression was taken digitally with an intraoral device, the reconstructions were digitally designed on a computer screen and finally milled out of pre-fabricated solid ceramic blocks.

This development was visionary, however, it did not replace the traditional procedures due to the fact that only single reconstructions could be made.

More recently, several new systems for the digital impression have been introduced. These digital impression systems are linked to corresponding lab-side CAD/CAM manufacturing procedures, and thereby offer a broader application of the „digital workflow“ for the fabrication of dental reconstructions. The digital impression systems available today offer numerous advantages, like e.g. the precision of the reconstructions. Yet, the workflow also has several limitations and traditional procedures are still needed. This session will discuss the current possibilities and limitations of traditional and digital impressions and reconstruction fabrication ways.

Curriculum Vitae

Irena Sailer studied at the University of Tübingen where she passed her state exam in 1997 after which she received her doctorate in 1998. From 1998 to 1999 she worked as an assistant for further education and training in oral surgery at the Clinic for Oral Surgery of the University of Zürich in Switzerland. In 1999 she became the assistant for further education and training at the Clinic for Fixed and Removable Prosthodontics and Dental Material Sciences at the same university in Zurich. There she was appointed as Senior Assistant in 2003, increasingly concentrating on research in the fields of dental- and implant-supported reconstructions. Within the scope of this research she was a Visiting Scholar at the Department of Biomaterials and Biomimetics, Dental College of New York University in 2007.

Since 2010 Dr. Sailer has been an Associate Professor at the Clinic for Fixed and Removable Prosthodontics and Dental Material Sciences. Furthermore, since 2009 she has been a Visiting Scholar

at the Department of Preventive and Restorative Sciences, School of Dental Medicine of the University of Pennsylvania in Philadelphia, USA.



Stefan Schunke, MDT

Saturday, September 21th, 2013; 8:30-10:30
Moderation Session 1 (DT)

Curriculum Vitae

Stefan Schunke was born in Leverkusen in 1958 and began his apprenticeship as a dental technician in Leverkusen in 1976.

After passing his apprenticeship certificate examination in 1981 he was confronted with a course in wax-up techniques and gnathology for the first time. Since then the occlusal relief in a healthy functional and esthetic set of teeth has always fascinated him and, as a result, he wanted to learn more about the basic concepts and master this art. This is why he went to Düsseldorf to work with Mr Bölte, MDT, for three years and during this time he passed his Master Craftsman's Certificate. Following this he attended several courses which helped him to expand his expert knowledge. In doing so he recognized the value of the biomechanical wax-up concept according to M. H. Polz. In 1988 he moved to the Dental Laboratory of M. H. Polz and became a partner in 1989. From 1992 to 1997 Mr M. Polz Jr. and Stefan Schunke held the positions of partner and company owner of this laboratory, respectively and since 1997 he has been the sole owner of this laboratory.

In addition, he has always been very interested in the combined use of techniques, such as the milling technique whereby he concentrate on the double-crown technique as well as attachment and lock techniques. This field also includes casting and the resulting preparation and moulding methods.

Stefan Schunke subsequently learned about esthetic and technical planning of components from colleagues such as W. Geller and R. Janousch and, in particular, U. Schoberer and W. Gebhardt. However, he was also able to deepen his knowledge of aspects concerning soft and hard tissue management and implantology by working together with Dr. M. Schlee.

For several years he worked in the Bensheim work group which was led by D. Schulz.

Furthermore, he also work as a facilitator, course leader and speaker nationally and internationally (Switzerland, Austria, Hungary, Norway, Russia, Japan, Yugoslavia, Slovenia, USA, Italy, Korea, China, Great Britain, Lithuania, Serbia).



Josef Schweiger, DT

Wednesday, September 18th, 2013; 9:00-12:00
Ivoclar Vivadent Workshop

Ivoclar Vivadent Workshop: Digital dentistry today – a question of materials and concepts

Florian Beuer and Josef Schweiger will present their concepts of computer assisted technology and innovative materials resulting in esthetic and reproducible clinical results:

- All-ceramic solutions on dental implants
- Digital Veneering Solutions
- Increasing the Vertical Dimension of Occlusion
- The Munich Implant Concept MICTM

A unique opportunity to meet a team of two local experts live, hear their ideas about today's concepts and the future development in dentistry. Ivoclar Vivadent is offering a forum of open discussion about dentistry in the 21st century.

Curriculum Vitae

Head of the Dental Laboratory of the Outpatients Department for Prosthetic Dentistry at the Ludwig-Maximilians-Universität Munich

1984–1988 Training as a Dental Technician at Singer Dental Laboratory, Traunstein, Germany

Since 1999 Head of the Laboratory of the Outpatients Department for Prosthetic Dentistry at the Ludwig-Maximilians-Universität Munich

Inventor of the digital dentin core crown / digital dentin core bridge according to Schweiger

His specialist fields of work include:

- Full ceramic crowns
- Implant-based restoration
- CAD/CAM technology
- Generative production processes (rapid prototyping)



Dr. Raffaele Spena

Thursday, September 19th, 2013; 12:05-12:30
Session 2 (SC)

Periodontally facilitated orthodontics

In the past decade, thanks to the clinical studies and the researches of Wilcko & Wilcko, a new technique has been developed in

clinical orthodontics : the Periodontally Accelerated Osteogenic Orthodontics (PAOO). The initial finding of acceleration of orthodontic tooth movement has evolved in other possible positive effects depending on the type of grafting and surgical procedure: arch transverse and sagittal development, non-extraction treatment, and so forth.

Today, the term Periodontally Facilitated Orthodontics (PFO) is preferred to identify those (surgical and orthodontic) procedures that may be used to enhance, facilitate and, eventually, accelerate tooth movement. PFO is considered a surgical biomechanical aid acting on bone metabolism. The aim of all these procedures (with different indications and limitations) is to reduce resistance, enhance and allow the orthodontic movement of those teeth that require it, thus making the modulation of tooth movement (desired vs. undesired) easier especially in difficult cases.

Different surgical procedures have been proposed by different authors. Each one of them has indications and limitations depending on anatomical, biomechanical and clinical considerations. The author will try to elucidate the different aspects of piezocision, segmental corticotomy, PAOO, osteotomies. Several clinical cases and research results will be presented.

Curriculum Vitae

Dr. Raffaele Spena received his degree in Odontoiatria e Protesi Dentaria at the II Facoltà di Medicina e Chirurgia of Napoli in 1984. In 1988, he received his Certificate in Orthodontics at the Dental School of the University of Pennsylvania, Philadelphia.

In 2003, he received the degree of „Specialty in Orthodontics“ at the University of Ferrara.

He has been and still is involved in several research projects, but he has mainly co-worked for more than 15 years with Dr. Norman Cetlin with whom Dr Spena has given courses in Italy, Europe and USA.

He has been speaker at both Italian (SIDO, SITEBI, ANDI, Italian Academy of Orthodontics) and international meetings (AAO, EOS, Israel Ortho Society, Israeli Periodontal & Osteointegration Society, Sociedad Espanola de Ortodoncia, Nederlandse Vereniging Voor Orthodontische Studie, Hungarian Ortho Society, etc.).

In July 1998, he published an atlas about „Il trattamento senza estrazioni“ (Nonextraction technique).

In 2000, he published with the drs. R. L. Vanarsdall and N. M. Cetlin a chapter „Nonextraction Treatment“ in the textbook „Orthodontics – Current principles and techniques“ by T. M. Graber e R. M. Vanarsdall. A updated chapter, written with the same co-authors, has been included in the new editions (2005 and 2011) of the same book edited by T. M. Graber, R. M. Vanarsdall e K. W. L. Vig.

In 2002 he published „Nonextraction Treatment : an atlas on Cetlin's mechanics“ edited by Fenske Media Corporation.

Dr. Spena has been Adjunct Clinical Professor at the Orthodontic Department of the Dental School of the University of Pennsylvania since 1988 where he has given courses about nonextraction therapy and cephalometric analysis.

He has also been Adjunct Clinical Professor at the University of Parma from 1996 to 2000. At the moment, he is Clinical Professor at the University of Ferrara.

He is a member of the American Association of Orthodontists, Società Italiana di Ortodonzia, Società Italiana di Odontoiatria Pediatrica, World Federation of Orthodontists and European Orthodontic Society.

Dr. Spena has been President of the Italian Accademy of Orthodontics for the year 2010 and has been Scientific Secretary of the same society in the years 2008-2009.

He is an active member of the Angle Society of Europe.

In 2001, he has received the Certificate of Excellence in Orthodontics in Italy and, in 2008, the E.B.O. (European Board of Orthodontics) in Lisbona.

He practices orthodontics in Napoli.



Dr. Albino Triaca

Saturday, September 21st, 2013
Session 1: 8:40-9:05

Indications and limitations of surgical procedures

The main goal of the presentation is the comparison of conventional bone augmentation in the maxilla and mandible with the augmentation by means of distraction osteogenesis.

With respect to the conventional bone augmentation we present a new method for soft tissue coverage. The pre-prosthetic alveolar distraction is presented as based on the common distraction techniques applied on the maxilla and mandible. The surgical technique as well as experiences, problems and results of distraction osteogenesis in maxillofacial surgery are discussed.

Curriculum Vitae

Educational Record

1971-1978 University of Zurich (Human medicine)

1981-1984 University of Zurich (Dental medicine)

Dissertation: Das Gesicht als definierbares Modell (The face as a definable model)

Post-Doctoral Training

1980-1987 General surgery, Limmatspital Urdorf/ ZH (Head: Prof. Schwarz)

1980-1981 Pediatric general surgery, Kinderspital der Universität Zürich (Head: Prof. Rickham)

1981-1987 Maxillofacial surgery, Abteilung für Kiefer- und Gesichtschirurgie der Universität Zürich (Head: Prof. H. Obwegeser)

1987-1990 Head doctor of department of maxillofacial surgery, Abteilung für Kiefer- und Gesichtschirurgie (Head: Prof. H. F. Sailer)

1990 Fellowship in Plastic surgery, Division of Plastic Surgery University of Miami Florida, USA (Head: Prof. Millard)

1990- Head of Max Center, European Center for Maxillo-Facial and Aesthetic surgery, Republica di San Marino

1990- Head of Maxillo-Facial-Center, Klinik Pyramide am See



Prof. Dr. Leonardo Trombelli

Thursday, September 19th, 2013; 9:25-9:50
Session 1 (SC)

The Current evolution of regenerative periodontal therapy and the impact on clinical practice

During the presentation, the clinical advantages of a simplified procedure to access the periodontal intrapaseous defects (the Single Flap Approach, Trombelli et al. 2007) will be described.

The additional clinical outcomes achieved by current regenerative technologies (GTR, growth factors) will also be outlined.

Curriculum Vitae

Full Professor and Chair, Periodontology and Implantology, School of Dentistry, University of Ferrara. Director, Research Center for the Study of Periodontal and Peri-implant Diseases, University of Ferrara. Director, Dental Clinic, University Hospital, Ferrara. Past President of the Italian Society of Implantology (2007-2009). Active member of Italian Society of Periodontology, Italian Society of Implantology, International Association for Dental Research, and International Academy of Periodontology. Editorial Board member for the Journal of Clinical Periodontology, member of the Peer review panel for the Journal of Periodontology. Private practice limited to Periodontology and Implantology.



Dr. Martin Trope

Thursday, September 19th, 2013, 9:25-9:50
Session 1 (SC)

Reliability of endodontically treated teeth

As dentists we are assumed to favor the natural dentition if feasible. I believe that in most cases endodontic treatment contributes to this aim with a high degree of predictability and extraction should be performed VERY seldom for endodontic reasons alone.

The talk will outline the biological requirements for endodontic success, the expected success rates when the treatment is performed in order to achieve these requirements and treatment options when failure occurs. In addition novel treatments will be presented that may surprise you as alternatives to extraction.

Objectives:

1. Understand the fundamental requirements for endodontic success.
2. Understand the probability for success of various endodontic procedures.
3. Become familiar with alternative treatments that may avoid tooth extraction.

Curriculum Vitae

Dr. Martin Trope was born in Johannesburg, South Africa where he received his BDS degree in dentistry in 1976. From 1976 to 1980 he practiced General Dentistry and Endodontics. In 1980 he moved to Philadelphia to specialize in Endodontics at the University of Pennsylvania. After graduating as an Endodontist he continued at the University of Pennsylvania as a faculty member until 1989 when he became Chair of Endodontology at Temple University, School of Dentistry. In 1993 he accepted the JB Freedland Professorship in the Department of Endodontics at the University of North Carolina at Chapel Hill, School of Dentistry. Named in honor of one of the founding fathers of Endodontics, the Freedland Professorship recognizes significant contributions to the specialty.

Dr. Trope is currently Clinical Professor and Graduate Program Director, Department of Endodontics, School of Dental Medicine, University of Pennsylvania. He is also in private practice in Philadelphia, PA.



Dr. Bernard Touati

Wednesday, September 18th, 2013; 9:00-11:00
Nobel Biocare Workshop

Esthetics and Soft tissue health around implants - Outcomes for long term predictability

The aim of this treatment planning session is to in team approach identify and optimally control those factors that contribute

to overall soft tissue health and stability in dental implant treatment. These include implant design, abutment type and shape, restoration contour and a meticulously and scrupulously executed sequence of clinical procedures.

(3 hours total: 2 hours lecture + 1 hour with demo of how to design an optimal provisional)

Curriculum Vitae

Dr. Bernard Touati is a doctor in dental surgery, doctor in dental sciences (DDS-MS). He is visiting professor at Hadassah Faculty of Dental Medicine in Jerusalem. Dr. Touati is the Past President of the European Academy of Esthetic Dentistry. He is also a member of the American Academy of Restorative Dentistry, and the American Academy of Esthetic Dentistry. He is the editor-in-chief of „Practical Procedures and Aesthetic Dentistry“ (USA). Dr. Touati is author of numerous publications and books; the latest is „Integration of Digital Ceramic Restorations“ (Montage Media, USA, 2009).



Wilfried Tratter, MDT

Friday, September 20th, 2013, 11:45-13:45
Table Clinic Session (Zirkonzahn) (DT)

Curriculum Vitae

geboren in Bozen, Südtirol
Sprachen: Deutsch, Italienisch, Englisch
1986 Abschluss der Zahntechnikerschule in Verona
1979-1989 Mitarbeiter im Labor „Verdross“ in Bozen (Südtirol)
1989 Arbeit als Zahntechniker in einer Zahnarztpraxis in Südtirol
1990-2000 Gründung und Leitung des Labors „Dentallabor Prestige“
2000-2002 Projektleiter in der eigenen Firma „Tratter Engineering“
2002 Einstieg und Weiterführung des Zahntechnikerlabors „Zahnstudio“ in Brixen (Südtirol)
ab 2005 Leitung von Zirkonfräskursen für Zirkonzahn GmbH in Bruneck (Südtirol)
seit Frühjahr 2008 Projektleiter CAD/CAM für Zirkonzahn GmbH
Referent und Workshopleiter auf zahlreichen Dentalkongressen



Dr. Eric van Dooren

Thursday, September 19th, 2013; 14:30 - 17:00
TREATMENT PLANNING Session 1:
Team Europe (SC)

Curriculum Vitae

Dr. Eric Van Dooren attended the Katholieke Universiteit Leuven, Belgium, where he received his degree in dentistry in 1982. After graduating he opened a private practice in Antwerp, Belgium, which is limited to periodontics, fixed prosthodontics, and implants.

Currently Dr. Van Dooren is a Visiting Professor at University of Liege (Belgium) and University of Marseille. He is an active member of the European Academy of Esthetic Dentistry.

Dr. Van Dooren lectures nationally and internationally, mainly on aesthetics, implants and aesthetic periodontal surgery.



Prof. Dr. Hannes Wachtel

Friday, September 20th, 2013; 15:45-17:30
Moderation: Treatment Planning Session
(Expert: Periodontics) (SC)

Curriculum Vitae

Dr. Hannes Wachtel received his dental degree in 1982 at the University of Tübingen, Germany. In 1982/83 he followed the Postgraduate Program in Prosthodontics at the University of Southern California, Los Angeles. He served as Associate Professor in the Department of Periodontology at the Free University of Berlin for ten years and obtained his Ph.D. in 1993. Since 1994 he maintains a private clinic in Munich devoted to periodontology, implantology and restorative dentistry and established with his partners Bolz, Hürzeler, Zühr the Institute for Periodontology and Implantology, IPI, Munich. He is in the editorial board of several journals and lectures extensively nationally and internationally in the fields of periodontics, plastic periodontal surgery, implantology and aesthetics. He is author and co-author of over 80 scientific articles and book chapters. Currently he is Professor at the University of Berlin, Medicine Charité. Since 1998 he is board member of the German Society of Periodontology (DGP) and Specialist (Diplomate) of the DGP. Since 2005 he holds a faculty position as clinical professor in the Postgraduate Program of the Department of Periodontology, University of Gothenburg, Sweden.



Siegbert Witkowski, MDT

Scientific Committee

Friday, September 20th, 2013; 8:45-10:00
Moderation Opening Session: (DT)

Curriculum Vitae

Since 1988, Mr. Siegbert Witkowski has been working as chief dental technician in the Department of Prosthodontics, University Hospital of Freiburg, School of Dentistry, Chairman: Prof. Dr. h. c. J. R. Strub.

He earned his diploma in Dental Technology from an apprenticeship program in Hannover, Germany. He did postgraduate studies and gained work experience at the following institutions: University of London, Royal Dental Hospital (1983-1984); University of Zürich, School of Dentistry (1984-1986); University of Southern California, School of Dentistry (1986-1988). Mr. Witkowski was certified as a dental technician (CDT) by the National Board of Certification

of Dental Laboratory Technology, USA, in 1986. In 1991, he earned the degree of the German Master Dental Technician from the master school in Freiburg, Germany.

Mr. Witkowski was co-editor and -founder of the German journal „Implantologie“ [Implantology] (1993-2000). For the monthly journal „Quintessenz der Zahntechnik“ [Quintessence Dental Technology] by Quintessence (Berlin) he was serving as vice editor-in-chief (1997-2000) before being appointed as editor-in-chief (2007). He co-authored a textbook for dental students (1. ed. 1994, 2. ed. 1999, 3. ed. 2004, 4. ed. 2010), a book on implant prosthodontics „Enos-sale orale Im-plantologie aus prothetischer Sicht“ [Endosseous implantology from the prosthodontic point of view], published in 1996 by Quintessence and numerous articles. In 2001 he was editorial chairman of the „Internationale Zahntechnik Magazin“ [International Dental Technology Magazine] published by Flohr Verlag, Rottweil. He was a member (2000-2001) of the committee to set up the first program with an engineering degree (Dipl. Ing.) for Dental Technology in Germany. He is an Active Member and Past Secretary of the German Society of Aesthetic Dentistry (DGÄZ) and a member of several national and international organizations, including the International College of Prosthodontics (ICP). He is a founding member of the European Academy of Dental Technology (EADT, 2010) and is the curriculum chair for CAD/CAM Technology at this organization. Mr. Witkowski is a consultant (2010) to the German „Frauenhofer Research Foundation“.



Dr. Michael Wise

Friday, September 20th, 2013; 15:45-17:30
Treatment Planning Session 2 (SC)

Case Presentation

The details of a 35 year old female patient at consultation in March 2000 will be presented for discussion and proposals for possible plans of treatment. The treatment provided will then be described.

The history was:

- Aged 35
- Front teeth were aligned, been moving over 10 years
- All teeth painful to bite on and feel loose
- Bad taste and breath
- Pain with swellings
- Unhappy with appearance
- Lawyer – difficulty with public speaking
- Nil in medical history
- Smoker – 40 cigarettes per day
- Minimal alcohol intake

She would like to:

- Feel comfortable with her teeth – no pain or discomfort
- Be happy with the appearance
- Feel that her teeth are not loose

- Keep as many of her teeth as possible for a very long time
- Not wear a removable appliance

Examination revealed:

- Generalised advanced loss of periodontal support
- Tooth mobility
- Anterior tooth migration
- Poor aesthetics with loss of interdental papillae
- Unstable posterior support

Curriculum Vitae

Michael Wise qualified from the London Hospital Dental School (University of London) in 1968 - B.D.S. (Hons), L.D.S., R.C.S. (Eng.).

He was awarded a Harkness Fellowship to Indiana University (1970-1972) where he obtained his M.Sc.D. in Fixed and Removable Prosthodontics. He obtained his Fellowship in Dental Surgery from the Royal College of Surgeons of England in 1972. For six years he received one-to-one training in surgery, being assisted in his practice at all of his surgical procedures by one of the UK's leading oral surgeons.

He maintained a private restorative practice in London mainly treating patients who had failure in extensively restored dentitions. He was Visiting Professor at The Eastman Dental Institute, University College London from 2003 to 2012. He is recognised by The General Dental Council as a Specialist in Restorative Dentistry and a Specialist in Surgical Dentistry.

Since 1977 he has run continuing postgraduate courses for groups of up to 20 dentists. He is a member of many professional societies including the American Academies of Restorative Dentistry and Crown and Bridge Prosthodontics. He has lectured widely both nationally and internationally and is the author of many publications including a series on Occlusion and Restorative Dentistry produced as a BDJ handbook. He has written a text "Failure in the Restored Dentition: Management and Treatment", published in February 1995 in English, Italian, Russian and German versions by Quintessence Publishing Company.



Prof. Dr. Bernd Wöstmann

Friday, September 20th, 2013; 14:20-14:45
Session 5 (SC)

Saturday, September 21st, 2013; 8:30-10:30
Moderation Session 1 (DT)

Innovations of digital impressioning

Intraoral scanning is the most interesting actual development in modern prosthodontics. It is the decisive step that makes it possible to circumvent the error prone traditional way of impression taking and model casting. Up to now nearly all CAD/CAM based milling and manufacturing processes are based on the scanning of traditional gypsum casts.

Though dentistry in the future will be clearly digital (think of tradi-

tional and digital photography and the rapid change in this field) at the moment intraoral scanning has still pros and cons. Based on sound foundation of data available clinically relevant aspects will be shown that influence every days clinical work. Today the different systems offer different options for the integration of digital impressions into the CAD/CAM workflow and due to their design are more or less convenient for the patients. This will be outlined with a special regard to the specific requirements for intraoral scanning including the necessary tissue management. Finally the strength and weaknesses of the process of intraoral scanning as well the different systems available will be summarized.

Curriculum Vitae

- Born 1961
- 1980 - 1985 Studium der Zahnheilkunde an der Westfälischen Wilhelms-Universität in Münster
- 1986 -1995 Wissenschaftlicher Mitarbeiter der Poliklinik für Zahnärztliche Prothetik A der Westfälischen Wilhelms-Universität
- 1992 Oberarzt
- 1993 Habilitation und Venia legendi für das Fach „Zahn-, Mund- und Kieferheilkunde“
- 1995 Ruf auf eine Hochschuldozentur für Zahnärztliche Prothetik an die Justus-Liebig-Universität Gießen
- 1998 Ernennung zum Professor an der Justus-Liebig-Universität Gießen
- seit 1998 Leiter der Forschungsstelle für Gerostomatologie am Zentrum für Zahn-, Mund- und Kieferheilkunde der Justus-Liebig-Universität Gießen
- seit 2001 Councillor des European College of Gerodontology
- seit 2002 C3-Professor für Klinische Werkstoffkunde und Gerostomatologie an der Justus-Liebig-Universität Gießen
- seit 2002 2. Vizepräsident des Dachverbandes der Gerontologischen und Geriatriischen Wissenschaftlichen Gesellschaften Deutschlands (DVGG)

Hauptarbeitsgebiete:

- Klinische Werkstoffkunde, besonders Elastomere und Abformung in der Zahnheilkunde
- Gerontoprothetik
- Langzeitbewährung von Zahnersatz
- Rehabilitation kiefer-gesichts-versehrtter Patienten

Preise und Auszeichnungen:

1999 Friedrich-Hartmut-Dost-Preis für besondere Verdienste in der akademischen Lehre

Posterpreise der DGZPW, der Deutschen und Österreichischen Gesellschaft für Geriatrie



Dr. Masao Yamazaki

Friday, September 20th, 2013; 15:45-17:30
Treatment Planning Session 2
Expert Prosthodontics (SC)

Curriculum Vitae

- Masao Yamazaki, DDS, maintains a full-time private practice in Tokyo, Japan. He is the founder and director of the society of Japan Clinical Dentistry.
- Dr. Yamazaki is the author of Esthetic-Restorative Treatment: Management for the Complex Prosthesis (Quintessence, available in Japanese and German).



Prof. Dr. Giovanni Zucchelli

Saturday, September 21st, 2013; 12:45-13:15
Closing Lecture (SC)

New frontiers for esthetic soft tissue coverage around teeth and implants

New knowledge in soft tissue surgical management permits to achieve esthetic coverage in gingival recession with minimally invasive connective tissue grafts. The recession of the buccal soft tissue margin is a frequent complication of well integrated dental implants. The appearance of metallic structure or even their transparency through the thin buccal soft tissues are common reasons for patient aesthetic complains. Moreover, bad implant installation frequently results in excessive apical dislocation of the buccal soft tissue margin of the implant supported crown. Soft tissue plastic surgical procedures and bilaminar techniques in particular, can be successfully used in combination with a pre and postsurgical prosthetic approaches to increase the volume of the interdental soft tissue, to treat buccal gingival recessions and soft tissue dehiscence around dental implants and to provide the new implant supported crown with an esthetic transmucosal emergency profile.

Curriculum Vitae

- Doctor in Dentistry
- Professor of Periodontology Bologna University
- PHD in Medical Biotechnology applied to Dentistry
- Active member of Italian Society of Periodontology and European Federation of Periodontology
- Member of the Editorial Board of the European Journal of Aesthetic Dentistry and International Journal of Periodontics and Restorative Dentistry
- Member of the International Committee of Regeneration (ICR)

- Winner of scientific prizes for the research in periodontology in Italy, USA and Europe
- Authors of more than 100 scientific publications in the fields of Periodontology
- Co-author of an atlas text book on soft tissue plastic surgery (Ed. Martina) and of the chapter „Mucogingival therapy – periodontal plastic surgery“ in the Jan Lindhe text-book „Clinical Periodontology and Implant Dentistry“, 5th edition - (Ed. Wiley-Blackwell)
- Author of a book on esthetic mucogingival surgery (Ed. Quintessence)



Dr. Otto Zuhr

Wednesday, September 18th, 2013; 9:00-17:00
Thommen Medical Workshop

Implant therapy in the course of time – genius discoveries, brilliant ideas and pioneering innovations – what has remained today?

The speakers will perform live surgeries and engage you in interactive discussions on:

- Extraction and immediate placement in the posterior region
- Peri-implant soft tissue management at second-stage surgery
- Impression-taking and provisionalization.

A unique opportunity to see world-leading experts live, hear their opinion on current trends and bring up questions you

have always wanted to ask. Thommen offers you a platform to reflect on treatment options and discuss cutting-edge technologies

Curriculum Vitae

Dr. Otto Zuhr studied dentistry at the University of Aachen from 1986 until 1992. In 1992 he received his DMD from the Department of Oral and Maxillofacial Surgery in Aachen.

Several educational programs led him to Switzerland, Scandinavia and USA during the following years. From 1999-2008 he worked together with Drs. Bolz, Wachtel and Hürzeler in the Institute of Periodontology and Implantology (IPI) in Munich.

In 2001 he received his Specialist in Periodontology of the German Society of Periodontology (DGP). Since 2009 he is in professional partnership with Marc Hürzeler. Presently he's holding an assistant professorship position in the department of periodontology at the University of Frankfurt (Director: Prof. Peter Eickholz).

Otto Zuhr has written several articles in the field of periodontology and aesthetic dentistry and is lecturing nationally and internationally.

Since 2007 he is board member of the German Society of Periodontology (DGP). His book „Plastic Esthetic Periodontal and Implant Surgery“ was published by Quintessence in 2011.



Prof. Dr. Daniel Edelhoff
Scientific Chairman



Dr. Dan Nathanson
Scientific Committee



Dr. Siegfried Marquardt
Congress President



Siegbert Witkowski, MDT
Scientific Committee Dental Technology Program



Prof. Dr. Nitzan Bichacho
Scientific Committee



Ralf Barsties, MDT
Scientific Committee Dental Technology Program



Prof. Dr. Jaime Gil
Scientific Committee



Prof. Dr. Dr. Robert Sader
President of the German Academie of Esthetic Dentistry
(DGÄZ) Host



Dr. Stefano Gracis
Scientific Committee



Dr. David Winkler
President of the International Federation
of Esthetic Dentistry (IFED) Host

SESSION PRESIDENTS:



Prof. Dr. Dr. Robert Sader
German Academy of Esthetic Dentistry (DGÄZ)



Dr. Mark Bowes
South African Academy of Aesthetic Dentistry (SAAAD)



Dr. Danuta Borczyk
Polish Academy of Esthetic Dentistry (PASE)



Dr. Koray Feran
British Academy of Aesthetic Dentistry (BAAD)



Dr. Emanuelle Risciotti
Italian Academy of Prosthetic Dentistry (AIOP)



Dr. Aris Tripodakis
European Academy of Esthetic Dentistry (EAED)



Prof. Dr. Akira Senda
Japan Academy of Esthetic Dentistry (JAED)

For further information about the presidents and members of the committee please go to www.ifed-2013.com, www.ifed.org or download the IFED APP.
Weitere Informationen zu den Präsidenten und Komiteemitgliedern finden Sie online unter www.ifed-2013.com, www.ifed.org und in der IFED APP.

CONGRESS ORGANIZATION: Quintessence International Publishing Group

POSTER PRESENTATION

Prof. Dr. Arzu Atay (Istanbul, Turkey)

ID1

The aesthetic rehabilitation of resorbed maxilla: Case Report

Alternative treatment method is required for edentulous patients with compromised oral function. When lip or facial supports are required, the overdenture is the treatment of choice. The aim of this case report was to describe the rehabilitation of an excessively atrophic edentulous maxilla rehabilitated with an implant-retained overdenture. 48 year old woman patient was referred our department with complaint of compromised chewing ability and ... of facial appearance. In rehabilitation of maxilla implant retained overdenture prosthesis was planned. Four implant were inserted in the anterior maxilla. After the delivery of the overdenture the patient was periodically evaluated clinically and radiographically at 3rd, 6th, 9th and 12th months. The one year follow-up period of the patient did not reveal any complication. The patient was fully comfortable with his restorations. There are different factors from the point of view of bone morphology and loading circumstances in maxilla between mandible. Careful evaluation of the bone morphology and loading in each individual case must be undertaken before treatment. guidelines for this planning are needed. The prostheses can then be designed that will also include the number and location of dental implants required to support/retain the implant prosthesis.

distribution through the structure is an important factor to be elucidated for better fail process understanding e also treatment success predictability. The purpose of this study was to evaluate the effect of different abutment material and platform connection on stress distribution in single anterior implant-supported restorations, through the finite element (FE) method. Nine experimental groups were design from the combination of three platform connection (external hexagon, internal hexagon and morse tapered) and three abutment material (titanium, zirconia and hybrid): EHTi, EHZr, EHH, IHTi, IHZr, IHH, MTTi, MTZr, MTH. FE models consisted of: implants modeled from Titamax Ex 4x13mm (Neodent); abutments modeled from Anatomic Abutment CM (Neodent); lithium disilicate central incisor crown cemented over the abutment. The 49N occlusal loading was applied in six steps in order to simulate the incisal guidance. Equivalent von Mises stress (ovM) was used for both qualitative and quantitative evaluation of implant and abutment among all groups and the maximum (omax) and minimum (omin) principal stresses for numerical comparison of zirconia parts. The highest abutment ovM occurred in MT groups; and the lowest in EHH, IHTi and IHH. The omax and omin values were lower in H groups than Zr groups. The stress distribution concentrated in the abutment/implant interface in all groups, regardless the platform connection or abutment material. The platform connection had more influence than abutment material on stress on abutments. The stress values for implants were similar among different platform connections, but greater stress concentrations were observed in internal connections.

Antônio Carlos Frederico Jr. (São Paulo, Brazil)

ID2

Lithium Disilicate as an esthetic and functional option for predictable anterior smile remodeling.

Esthetic enhancement is one of the main reasons for worldwide modern dental treatment. Nowadays, the esthetic considerations play an important role in dental care. Lithium disilicate reinforced ceramics have emerged as a promising option to attend both esthetic and strength requirements for an optimal treatment. The present case report encourage the use of smile preoperative steps for better diagnosis and treatment plan for predictable esthetic enhancement in anterior zone with lithium disilicate ceramic. The patient complained about the unaesthetic appearance of her smile. After clinical assessment, photography, digital smile design and cast acquirement for diagnosis, the wax-up and mock-up were performed in order to guide the flapless periodontal plastic surgery and teeth preparations. After periodontal procedure and tissue maturation, the teeth were prepared for ceramic laminates accommodation. Tooth shape, measurements and shade were obtained from the laboratory wax-up, clinical mock-up and shade selection. A wide discussion among patient, dentist and technician was essential to comply with patient expectations. The treatment success was granted by the preoperative step-by-step protocol, by using the lithium disilicate as a predictable option for esthetic smile remodeling.

Roger Egashira Lima (São Paulo, Brazil)

ID4

Anterior restoration with ceramic laminate veneers: a step-by-step simplified protocol.

Ceramic laminate veneers are a predictable treatment option for esthetic anterior restorations. When bonded to enamel, ceramic veneers offer stable long-term results. By using current laboratory techniques associated with a strict clinical protocol, the esthetic and functional success may be granted. The purpose of this case report is to effort the use of pre-operative steps in order to acquire more predictable results in anterior esthetic rehabilitations. The patient was submitted to a complete dental esthetic evaluation, intended to promote better diagnostic work-up and acceptance of the treatment for both dentist and patient. Smile and intra-oral photography, followed by cast measurements were performed in order to provide enough data for virtual mock-up. The right incisor was minimally prepared for a thin laminate fit. The left incisor was previously restored with composite resin, which was unaesthetic and inefficient. A more invasive prepare was necessary and granted better mimic of the contralateral teeth. The intraoral photography provided color match, teeth measures and form.

Ideally, a dentist's work should conform to the dental profession's standards for teeth that are properly shaped and colored within an individual patient's complete dentition and balanced with the patient's gingival and facial features. The mock-up and dental photography are essential procedures for any esthetic treatment, and guide the professionals and patients expectations.

Dr. Marco Aurélio de Carvalho (São Paulo, Brazil)

ID3

The effect of platform connection and abutment material on stress distribution in single anterior implant-supported restoration: a non-linear 3D finite element analysis.

The anterior single crown reconstruction is still a challenging scenario in implant dentistry. Within the esthetic and functional demand, different platform connections and abutment material emerged for better outcomes. The stress

Mohammad Harandi (Tehran, Iran)

ID5

Mineral Trioxide Aggregate (MTA), A review of properties and clinical applications

The purpose of this poster was to review the composition, properties, biocompatibility, and the clinical results involving the use of mineral trioxide aggregate (MTA) materials in endodontic treatment.

Methods:

Electronic search of scientific papers from January 1990 to August 2006 was accomplished using PubMed and Scopus search engines (search terms: MTA, GMTA, WMTA, mineral AND trioxide AND aggregate).

Results:

Selected exclusion criteria resulted in 156 citations from the scientific, peer-reviewed dental literature. MTA materials are derived from a Portland cement parent compound and have been demonstrated to be biocompatible endodontic repair materials, with its biocompatible nature strongly suggested by its ability to form hydroxyapatite when exposed to physiologic solutions. With some exceptions, MTA materials provide better microleakage protection than traditional endodontic repair materials using dye, fluid filtration, and bacterial penetration leakage models. In both animal and human studies, MTA materials have been shown to have excellent potential as pulp-capping and pulpotomy medicaments but studies with long-term follow-up are limited. Preliminary studies suggested a favorable MTA material use as apical and furcation restorative materials as well as medicaments for apexogenesis and apexification treatments; however, long-term clinical studies are needed in these areas.

Conclusion:

MTA materials have been shown to have a biocompatible nature and have excellent potential in endodontic use. MTA materials are a refined Portland cement material and the substitution of Portland cement for MTA products is presently discouraged. Existing human studies involving MTA materials are very promising, however, insufficient randomized, double-blind clinical studies of sufficient duration exist involving MTA for all of its clinical indications. Further clinical studies are needed in these areas.

KEY WORD: Hydroxyapatite, Portland cement, Biocompatibility, Pulp-capping, Apexification, Root-end filling, Pulpotomy, Endodontics, GMTA, WMTA, MTA, Mineral trioxide aggregate

Prof. Dr. Hiroyuki Kibayashi (Kyoto, Japan)

ID6

Comparison of three treatment modalities for single tooth loss in the esthetic region: case series

The loss of maxillary central incisor represents an esthetic and functional challenge. There are various methods of esthetic restoration for tooth loss. In this case series, the loss of maxillary central incisors were restored with three different methods. The first method is the fixed partial denture with connective tissue graft and modified ovate pontic; the second is the fixed partial denture with root submergence technique and modified ovate pontic; the third is the implant supported crown with connective tissue graft after the ridge preservation with saddle seal for the extraction socket. The purpose of this case series is to introduce the three different treatment concepts to cope with the single tooth loss in the esthetic zone, and to compare advantage and disadvantage of these treatments for further discussion to select an appropriate treatment option.

Dr. Polina Kotlarenko (Vienna, Austria)

ID7

A non-invasive method for adjusting the vertical dimension for the improvement of gingival display and harmonisation of the smile arch.

Introduction

Treating the smile of a patient is a challenging task for all dental specialties.

Therefore smile analysis is seen as an important stage for the diagnosis, planning, treatment and prognosis of any dental treatment involving aesthetic objectives.

Objective

The objective is to present a simple non-invasive method using minisplints as an additional diagnostic tool for illustrating the influence of an altered vertical dimension on the tone of the perioral muscles and the facial appearance.

Material & Methods

This technique is based upon increasing the vertical dimension through adding splints/restorative material in different thicknesses to the full arch.

This procedure helps to decide if the treatment concept may require additional elements, such as crown lengthening, orthodontic, surgical or other invasive treatment.

In this present case of diagnosed tooth wear an immediate effect of reducing gingival display and perioral asymmetry, decrease in lip hypermobility as well as a harmonisation of the smile arch could be realized only through using this simple diagnostic tool by increasing the vertical dimension with three, six, eight and ten millimetre minisplints.

Conclusion

This simple method helps to illustrate how the change of the vertical dimension affects the tension of the perioral muscles and can be beneficial in planning a predictable treatment result and esthetic facial appearance by enhancement of the balance and harmony between all three components of the smile: lips, teeth and gingivae.

Prof. Dr. Hidehiko Miyaji (Osaka, Japan)

ID8

The case of bleaching and composite resin restoration for traumatic tooth fracture and discoloration

A 16 years-old female patient came for the aesthetic disorder by fracture and discoloration of the maxillary incisor.

She requested to keep as possible a tooth substance. Thus, internal walking bleach and composite resin restoration by the minimum preparation were adopted.

As a result, harmony with lips and the countenance was brought, and the sensuousness satisfactory enough was able to be restored.

From the concept of Minimal Intervention, it seems that the composite resin restoration is the most suitable as the aesthetic restoration method in response to the demand of the patient.

Prof. Dr. Masayuki Otsuki (Tokyo, Japan)

ID9

Comparison of two shade guides for evaluation of tooth-bleaching effect

The purpose of this study was to compare two shade guides for the tooth color evaluation at tooth bleaching. Anterior teeth of twelve patients were bleached by the home whitening by custom trays and 10% carbamide peroxide gel (TiON home, GC, Japan). Before, halfway and after bleaching procedure, the tooth color was evaluated using two shade guides (VITAPAN Classical Shade Guide and VITA Bleachguide 3D-Master, VITA Germany) and the selected shade was recorded (N=533). Obtained data was statistically analyzed.

Tooth color values determined by two shade guides are statistically correlated.

preventive intervention or monitoring a suspected lesion over time. Although DD offers some measure of improved diagnostic sensitivity in detecting enamel and dentinal caries on occlusal surfaces, the improved sensitivity comes at the cost of specificity values that are lower than those achieved with visual examination. Among visually identified active and inactive enamel lesions, the difference in mean DD scores was small and score distribution were similar.

Conclusions: The DIAGNODent is more sensitive than the visual method of detecting occlusal dentinal caries. However, the method is less specific than is the visual method, resulting in false-positive diagnoses. The lack of specificity, together with the absence of a single diagnostic threshold, suggest that the DD should not be relied on as a clinician's primary diagnostic method.

Keywords: Dental Caries, Lasers, Sensitivity and Specificity

Dr. Cristian Peron (Turin, Italy)

ID11/ID12

New clinical approach using trabecular metal implant in fresh extraction sockets: case report

This case report describes new clinical approach for an immediate loading implant in fresh extraction sockets using (zimmer trabecular metal implant) with provisional immediate restoration.

The trabecular metal material: designed to enhance secondary stability through bone ingrowth

at one week an impression copy with open tray and pattern resin was taken to capture the subgingival soft tissue profile. The dental laboratory fabricated a definitive ibrid abutment and crown in disilicate of lithium (ivoclar emax press) and at two week after measuring the implant stability through osstell, placement the definitive restoration.

Immediate loading implant in anterior extraction sockets with final restoration using ibrid abutment and crown in disilicate of lithium: case report

This case report describes an immediate loading implant in anterior extraction sockets (zimmer tsvt) with provisional immediate restoration.

At two months an impression copy with open tray and pattern resin was taken to capture the subgingival soft tissue profile. The dental laboratory fabricated a definitive ibrid abutment and crown in disilicate of lithium (ivoclar emax press) to obtain an optimal esthetic for soft tissue and dental crown.

Zahra Sarmast (Tehran, Iran)

ID10

Laser Fluorescence device for Detecting Caries

Aim: Traditional means of clinical examination (visual and tactile) fail to detect early caries lesions and promote tooth remineralization by preventive techniques. Therefore, a range of new detection systems have been developed as supplementary aids in caries detection.

Summary: DIAGNODent is a laser device based on fluorescence measurements. When the laser irradiates the tooth, the light is absorbed by organic and inorganic substances present in the dental tissues, as well as by metabolites from oral bacteria. DD displays a numerical value on two LED displays. The DD could have several uses, such as refining a questionable diagnosis, directing

Yohei Sato (Yokohama, Japan)

ID13

Esthetic restorations caused by the fusion of a 3D CBCT model and CAD/CAM

Outline: A 32-year-old woman complained of esthetic problems in the maxillary anterior tooth. In our diagnosis, crown lengths were short, and the color of the anterior tooth prosthesis would be inharmonious.

Treatment policy: Crown lengthening was performed to improve the gummy smile. The all-ceramic crowns were prepared for gingival line and the crown color harmony of the maxillary front tooth. All-ceramic crowns were designed using CAD/CAM and CBCT to harmonize with periodontal tissue. Suitable anterior guidance should also be produced after anterior teeth are prosthetically treated.

Treatment process: The Functional Bite Impression (FBI) technique was applied for the all-ceramic crown using a custom-made bite tray and the duplicate crowns of the provisional restorations as an individual tray. Using these procedures, all-ceramic crowns could be delivered without any adjustments of the occlusal prematurity and the contact. A working cast was scanned and produced as 3D model in a virtual reality (VR) space. The design of the crown contour and the setting of the contact points were considered to be it using virtual registration of a 3D CBCT model with a digital dental model. The designed crowns were fabricated as wax copings in rapid prototyping. The wax copings were substituted for all-ceramic copings by press ceramics.

Discussion: The accurate emergence profile can be obtained using the duplicate of fully adjusted provisional restoration as the individual tray. The FBI technique can be defined that the bite impression under the occlusal forces after recording of FGP using the autopolymerized resin. Application of the FBI technique could contribute to achieving suitable anterior guidance. It is reported that the distance from the contact point to the alveolar crest should be 5mm or less to maintain interdental papilla. This method was able to measure distance from the contact point to the alveolar crest from 3D CBCT model.

Conclusion: The fusion of a 3D CBCT model and CAD/CAM was effective for the locus decision of the contact point.

6TH SWISS SYMPOSIUM

ON ESTHETIC DENTISTRY



**9. BIS 10. MAI
2014
ZÜRICH**

MEHR
INFORMATIONEN
UND
ANMELDUNG
UNTER:

WWW.QUINTEVENT.COM/SWISS

Location: Zürich Marriott Hotel
Neumuehlequai 42 | 8006 Zürich | Schweiz
www.zurichmarriott.com

Änderungen vorbehalten

Freitag 9. Mai

VORMITTAG

Extended lecture



Dr. Stefano GRACIS

Dr. Stefano GRACIS

Clinical & scientific evidences and concepts in conventional prosthodontics

NACHMITTAG

Extended lecture



Dr. Tidu MANKOO

Dr. Tidu MANKOO

Clinical & scientific evidence and concepts in complex implant therapy

Samstag 10. Mai

VORMITTAG

The Master panel



Dr. Kony MEYENBERG

Dr. Kony MEYENBERG

Limits in treating esthetic deficiencies in natural anterior teeth



Dr. Ueli GRUNDER

Dr. Ueli GRUNDER

Immediate versus delayed implant placement: current rationale



Dr. Ronald JUNG

Dr. Ronald JUNG

Zirconia implants: current status



Dr. Stefan PAUL

NACHMITTAG

The Master panel

Dr. Stefan PAUL

Present & future in esthetic adhesive dentistry (Part I)



Dr. Roberto SPREAFICO

Dr. Roberto SPREAFICO

Present & future in esthetic adhesive dentistry (Part II)



Dr. Didier DIETSCHI

Dr. Didier DIETSCHI

Present & future in esthetic adhesive dentistry (Part III)

Dr. Simone Ulbricht (Karlsruhe, Germany)

ID14

Minimally invasive treatment for anterior esthetics with composite – layering technique optimization using a silicon index

Adhesive bonding of composite restorations allows to realize extended corner build-up, tooth reshaping or diastema closure in the esthetically challenging anterior region. For an optimum result, the basic rules of esthetics should be followed when teeth are restored including a detailed analysis of tooth color. In order to optimize the polychromatic layering with high-end composites, the fabrication of a silicon index is recommended either by making a wax-up in the laboratory or an intraoral mock-up at chairside and/or using the existing restoration. Tooth reshaping usually requires a customized matrix technique.

The two case reports (anterior restoration after trauma and diastema closure) show that high-end composites have meanwhile become a relevant and tooth structure saving therapy for many types of defect in the anterior region because of the minimally invasive treatment option they offer. These restorations are of great value and longevity and, compared to indirect restorations, are getting more and more important.

Dr. Christoph Vasak (Wien, Austria)

ID15

Clinical and radiological evaluation of a template-guided (NobelGuide™) treatment concept

Abstract:

Objectives: The study was designed to evaluate the clinical use of the NobelGuide™ concept over a follow-up period of 12 months with respect to implant success and survival rate, development of soft tissue condition and recording of potential surgical and prosthetic complications. In addition, radiological assessment of peri-implant bone levels was performed at the one-year follow-up post implant placement.

Material and methods: 30 patients (male/female = 15/15) with partially dentate and edentulous mandibles and maxillae were included. All patients were planned and operated on using the computer-aided, template-guided treatment concept NobelGuide™. Overall, 163 implants (NobelReplace™ Tapered Groovy) were placed (mandible/maxilla = 107/56 implants). Marginal bone level was evaluated on radiographs made at implant insertion and at the 1-year follow-up. All patients were followed for 12 months after receiving their prosthetic restoration. Clinical parameters such as pain, infection, gingival mucosa, pocket depth and adverse events were documented.

Results: All 30 patients with 161 implants completed the 1-year follow-up resulting in a cumulative survival rate of 98.8 percent (2 implant losses). Clinical parameters improved in a majority of the implants. The mean marginal bone level at implant insertion and at 1-year follow-up was reported with 0.17 mm (SD 1.24; n=125) and

-1.39 mm (SD 1.27; n=110), respectively. The mean change in bone level from implant insertion to 1 year was -1.44 mm (SD 1.35; n=98).

Conclusion: The 1-year follow-up showed a cumulative survival rate of 98.8%. Immediate or delayed loading of implants using a flapless, guided surgery approach (NobelGuide™) appears to be a viable concept demonstrating good clinical and radiographic outcomes at the 1 year time point.

Dr. Kazumichi Wakabayashi (Osaka, Japan)

ID16

Dynamic fracture analysis of all-ceramic crowns by using high speed photography

The aim of this research is to conduct dynamic fracture analysis of all ceramic crowns. Five kinds of specimens, CAD/CAM and pressed glass ceramic crowns, a crown uses zirconia coping, a crown uses zirconia coping with support form, and a PFM crown, were used. The crown specimens were cemented on the metal abutment, and load was added from the occlusal surface using a steel ball. High-speed photography was used to characterize the fracture mode of specimens. As a result, the zirconia core crown with the support form had the strongest fracture resistance, and each specimen showed a different fracture aspect.

Amirhosein Zamanian (Tehran, Iran)

ID17

Esthetic risk factors

Implant-supported prostheses are now widely indicated for the restoration of anterior edentulous areas. However, even when surgical and prosthetic protocols are scrupulously respected. The result is not always satisfactory because of specific parameters that must be considered. Therefore, a specific clinical examination is required to determine and evaluate esthetic risk factors. There are several types of esthetic risk factors: gingival, dental, osseous, patient dependent, practitioner dependent.

Parisa Zarnegarnia (Tehran, Iran)

ID18

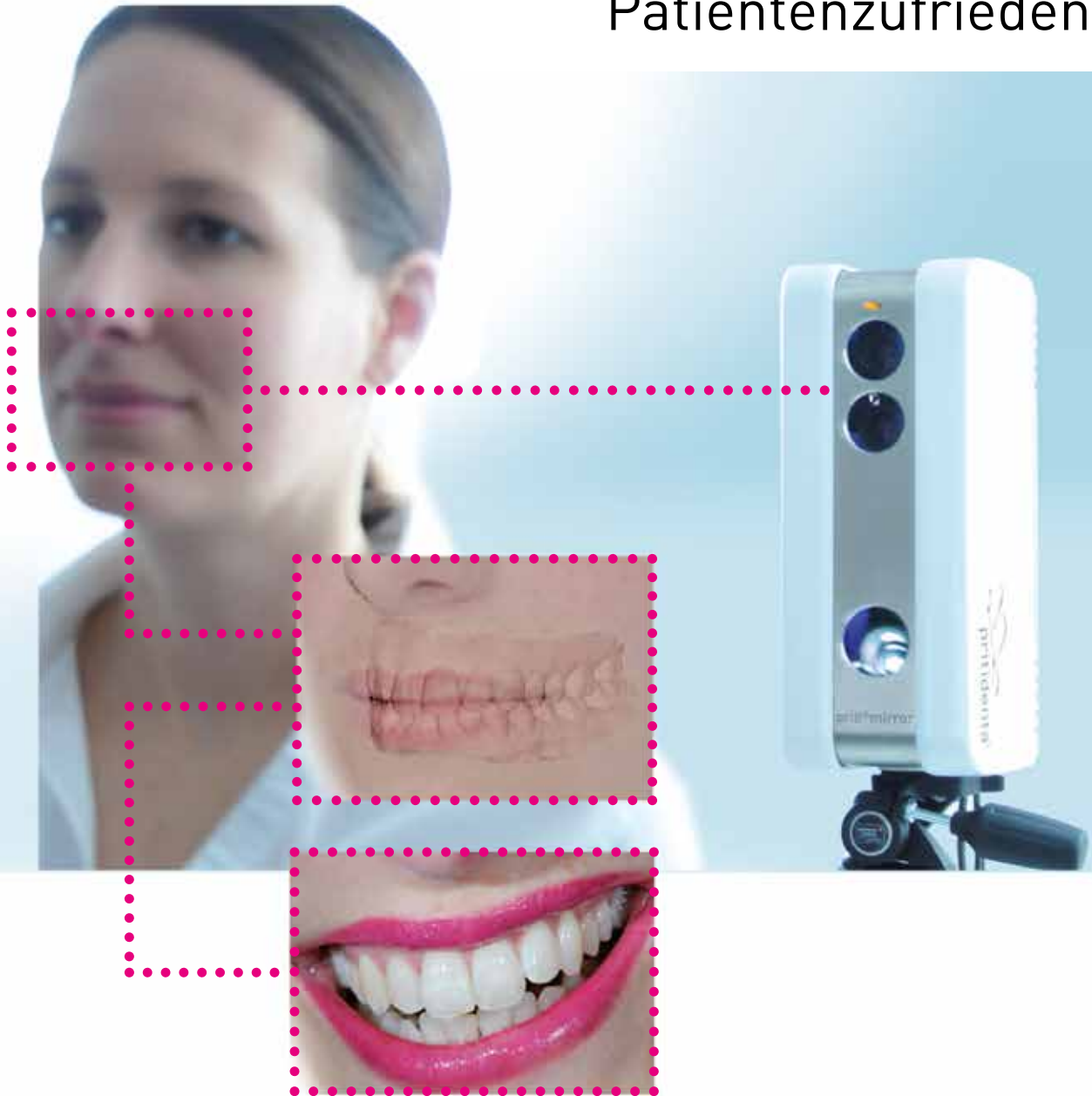
Laser bleaching or Light bleaching, which one??

Tooth whitening is one of the most requested cosmetic dental procedures asked for by patients who want a more pleasing smile. Even though the at-home bleaching system is the most frequently recommended treatment for vital teeth, some patients do not adapt to the technique, because they prefer not to use a bleaching tray or do not like to wait two to three weeks to see the results of their treatment. These patients might request a method that produces more immediate results, the in-office bleaching treatment. Since the introduction of in-office bleaching treatments, the use of curing lights (including halogen curing lights, plasma arches, LED, LED plus lasers, lasers) has been recommended to accelerate the action of the bleaching gel. The clinical results obtained with the use of these lights were poor, showing an increase in tooth sensitivity and reduced long-term color stability, pulpal necrosis especially when the treatment was done in one appointment. Recent developments in in-office bleaching systems that use a chemical catalyst combined with light-cured block-out materials and compounds have resulted in decreased tooth sensitivity and enhanced treatment and have demonstrated improved results for tooth whitening treatment when hydrogen peroxide (H2O2) is used with laser irradiation. The use of light sources can accelerate the chemical decomposition of hydrogen peroxide and therefore achieve a whiter smile in a shorter time. Therefore, the association of Laser and Whiteness HP bleaching gel showed better results than when the same agent was used alone or in combination with LED.

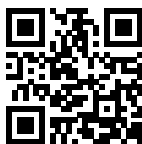
| priti access | priti success | priti smile®

priti®mirror

Planung. Sicherheit.
Patientenzufriedenheit.



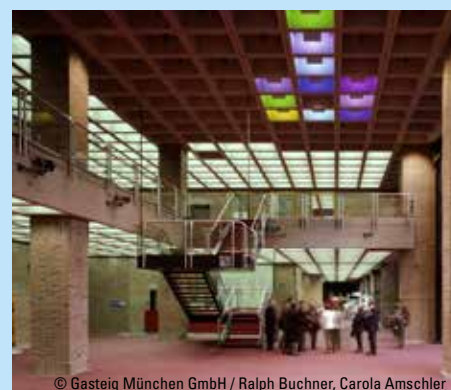
pritidenta® the crown



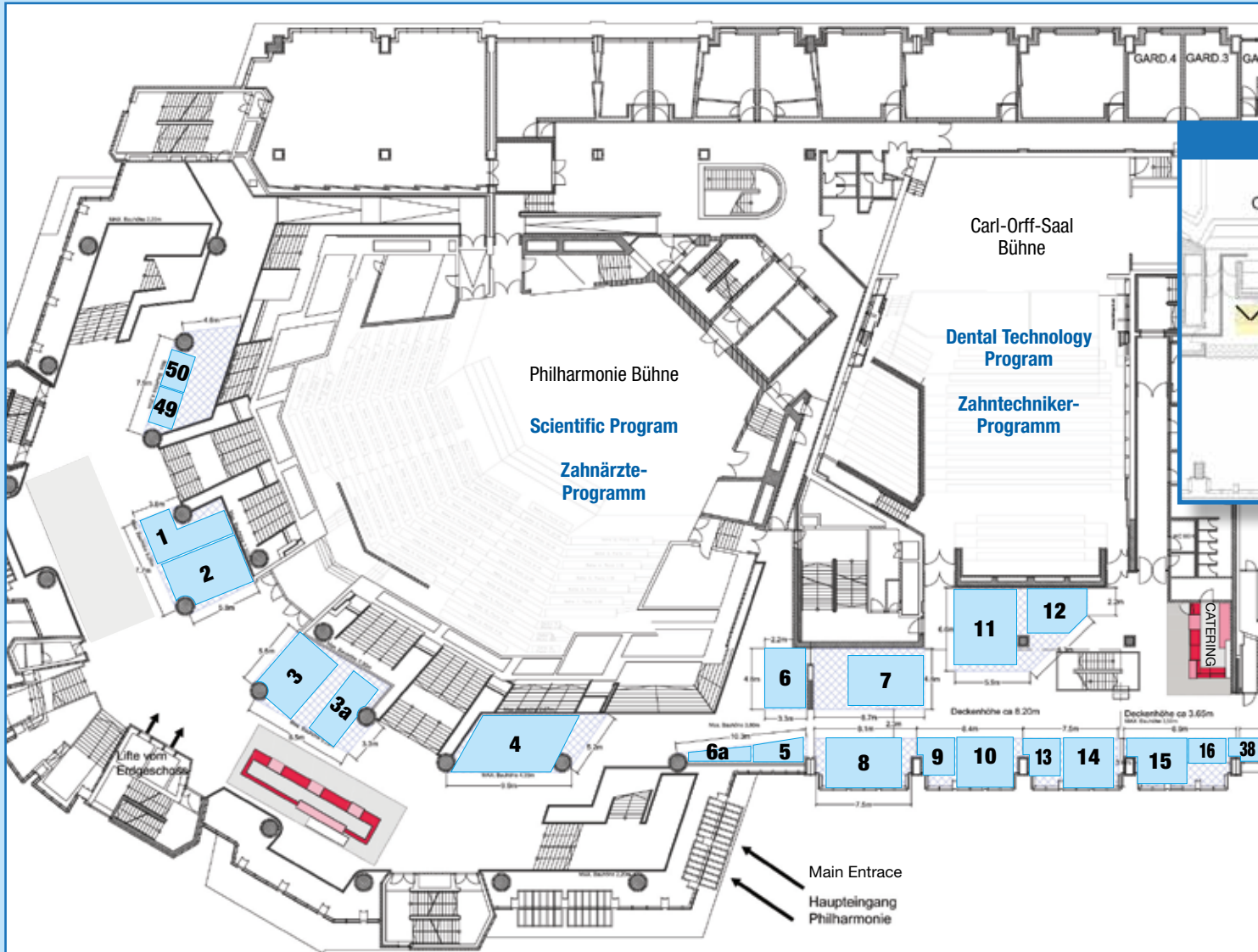
pritidenta® GmbH
Meisenweg 37 · 70771 Leinfelden-Echterdingen · Germany
info@pritidenta.com · www.pritidenta.com

WE SINCERELY THANK THE EXHIBITORS FOR THEIR PARTICIPATION

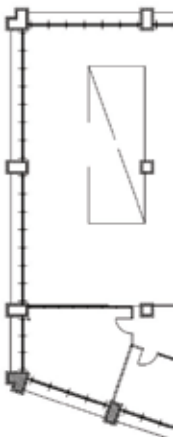
Company	No.				
3M ESPE Dental Products www.mmm.com	15	Goldquadrat www.goldquadrat.de	38	Prevest Denpro www.prevestdenpro.de	46
Amann Girrbach www.amanngirrbach.de	40	Helmut Zepf Medizintechnik www.zepf-dental.com	33	pridenta www.pridenta.com	32
American Dental Systems www.adsystems.de	6/a	Henry Schein Dental Deutschland www.henryschein.com	12	Quintessenz Verlag www.quintessenz.de	2
Anaxdent www.anaxdent.com	37	IDEA-Interdisciplinary Dental Education Academy www.ideausa.net	23	R-dental Dentalerzeugnisse www.r-dental.com	27
Bajohr OPTECmed www.lupenbrille.de	47	i-Dent www.i-dent.org	26	Ribbond www.ribbon.com	44
Bisico - Bielefelder Dentsilicone www.bisico.de	39	IFED 2015 www.ifed-2015.com	49	SAM Präzisionstechnik www.sam-dental.de	28
BMW Deutschland www.bmw.de	11	imedo www.imedo.de	45	SHOFU Dental www.shofu.de	14
botiss biomaterials www.botiss.com	29	Ivoclar Vivadent www.ivoclarvivadent.com	3	SIC invent Deutschland www.sic-invent.com	C
brumaba www.brumaba.de	17	Kea Software www.kea-software.de	31	starMed www.starmed-technik.de	35
BTLock International www.btlock.com	41	Komet Dental - Gebr. Brasseler www.brasseler.de	16	Straumann Deutschland www.straumann.de	10
Carestream Health Deutschland www.carestream.de	20	Kuraray Europe www.kuraray.eu	9	Thommen Medical www.thommenmedical.com	7
Dental Kiefer www.dental-kiefer.de	21	Millésima www.millesima.com	48	Turkish Academy of Esthetic Dentistry www.edad.org.tr	50
Dental Online College www.dental-online-college.de	13	Munich Tourism (vis-à-vis at the www.muenchen.de registration desk)		UP Dental www.updental.de	36
DENTSPLY Implants www.dentsplyimplants.de	8	Neoss www.neoss.com	30	VITA Zahnfabrik www.vita-zahnfabrik.com	5
Deutsche Gesellschaft für Ästhetische Zahnheilkunde www.dgaez.de	1	Nobel Biocare www.nobelbiocare.com	4	Wieland Dental + Technik www.wieland-dental.de	3a
DMG - Dental Material Gesellschaft www.dmg-dental.com	18	orangedental www.orangedental.de	42	Z-Systems GmbH www.z-systems.biz	A
DRS International www.dental-ratio.de	25	Osstell ISQ Device www.osstell.com	43		
DSI Huber www.dsi-huber.de	47	Philips www.philips.com	24		
Fair Implant www.fairimplant.de	34	PhotoMed www.photomed.net	44		
Geistlich Biomaterials www.geistlich.de	19	Planmeca-Oy www.planmeca.com	22		



© Gasteig München GmbH / Ralph Buchner, Carola Amschler



No.	Company				
1	Deutsche Gesellschaft für Ästhetische Zahnheilkunde	18	DMG - Dental Material Gesellschaft	36	UP Dental
2	Quintessenz Verlag	19	Geistlich Biomaterials	37	Anaxdent
3	Ivoclar Vivadent	20	Carestream Health Deutschland	38	Goldquadrat
3a	Wieland Dental + Technik	21	Dental Kiefer	39	Bisico - Bielefelder Dentsilicone
4	Nobel Biocare	22	Planmeca-Oy	40	Amann Girrbach
5	VITA Zahnfabrik	23	IDEA-Interdisciplinary Dental Education Academy	41	BTLock International
6+6a	American Dental Systems	24	Philips	42	orangedental
8	DENTSPLY Implants	25	DRS International	43	Osstell ISQ Device
9	Kuraray Europe	26	i-Dent	44	PhotoMed / Ribbond
10	Straumann Deutschland	27	R-dental Dentalerzeugnisse	45	imedo
11	BMW Deutschland	28	SAM Präzisionstechnik	46	Prevest Denpro
12	Henry Schein Dental Deutschland	29	botiss biomaterials	47	DSI Huber / Bajohr OPTECmed
13	Dental Online College	30	Neoss	48	Millésima
14	SHOFU Dental	31	Kea Software	49	IFED 2015
15	3M ESPE Dental Products	32	prிடidenta	50	Turkish Academy of Esthetic Dentistry
16	Komet Dental - Gebr. Brasseler	33	Helmut Zepf Medizintechnik	A	Z-Systems GmbH
17	brumaba	34	Fair Implant	C	SIC invent Deutschland
		35	starMed		



ZWISCHENEBENE



The smokers lounge is on the terrace of the intermediate level.

Die Raucherlounge befindet sich auf der Zwischenebene des 1. Obergeschosses.

Gasteig

Kultur für München

Gasteig München GmbH
Rosenheimer Strasse 5
81667 München
www.gasteig.de

Ausstellungsflächen

1. Obergeschoss



You will find the Munich Tourism Information vis-à-vis the registration desk on the ground floor.



MAXXTM



LightTM

Ergonomic, Silicone-handled Hand Instruments[®]

Ergo Light Stainless Steel Alloy Hand Instruments[®]



PerioColorTM

ErgoLight Super-Steel TiN Alloy Sharpen-Free Instruments[®]

SONIC
EDGETM
PROPRIETARY SUPER STEEL ALLOY

HYGIENE INSTRUMENTS

- Larger, lighter grip for excellent tactile sensitivity
- Special American high carbon super-steel alloy
- Stay sharper longer - PD Maxx & PD Light
- Sharpen-Free Technology - PerioColor
- We guarantee it!

DN ISO13485:2003 Quality guaranteed!



EXPerience the Sharpen-Free Technology!

Osteology Monaco 2013, Grimaldi Forum, Monaco



**Visit us at
Stand 46
Gasteig
München**

Free gift with every purchase!



Manufactured by:

 Heidelberg, Germany
PREVESTDenPro[®] GmbH
DIE ZUKUNFT DER ZAHNMEDIZIN



+49 (0) 6221 825 863



www.prevestdenpro.de

Diamond Sponsors



Golden Sponsor



Silver Sponsors



Official Courtesy Car

Presenter
of the IFED Night
at the BMW Welt:



Official Corporate Fashion



Official Airline

