

provides a kind of freedom and flexibility that is hard to match. Users can efficiently manage their entire implant workflow with the Planmeca Romexis® software: from CBCT imaging to intraoral scanning and from implant planning to guide design. As it is a truly open software, it allows users to utilise data from Planmeca or other equipment. There are no hidden or extra fees for importing and exporting files.

Taking an implant plan to actual surgery is now easier than ever, as the software's new Planmeca Romexis® Implant Guide module lets users design their own surgical implant guides. This elevates implant planning to another level, as virtual plans can accurately be brought to reality. Creating implant guides with the software requires few simple steps. Users can also flexibly

select their preferred workflow, as completed guide designs can either be 3-D printed in-office or exported as STL files to a partner lab for 3-D printing.

Planmeca Oy Asentajankatu 6 00880 Helsinki, Finland www.planmeca.com

## **MEDENCY**

## State-of-the-art diode laser technology

The Italian company MEDENCY has been built upon profound global expertise in the dental market and dental lasers in particular. "Our flagship product PRIMO combines state-of-the-art diode laser technology with innovation and the experience of MEDENCY in the dental industry. PRIMO provides a variety of applications and is thus a viable alternative to conventional surgical methods like electrocautery and the scalpel. Owing to its intuitive interface,

the device is easy to use," stated the company's general manager,

Alessandro Boschi.

All products are designed, engineered and manufactured in Italy—with passion and commitment. "Our overall mission is to deliver a combination of cutting-edge products, services and interaction with customers drawing on a wide network of academic partners," said Boschi.

The company supports its partners with tailor-made educational courses in different countries in

order to gain practical experience in the use of the system in daily practice. Using dental laser technology has never been so easy.

**MEDENCY Srl** Piazza della Libertà 49 36077 Altavilla - Vicenza, Italy www.medency.com





### curasan

## Now online: "Frankfurt Implantology Days" CME lectures

At the end of April, the "Frankfurt Implantology Days" took place under the scientific chairmanship of Prof. Dr Dr Frank Palm from Constance, Germany, supported by curasan AG.

Interested parties now have the exclusive opportunity to experience three selected lectures of this international event online.



Participants will receive 1 CME credit if they have watched the complete lecture consisting of three particular presentations and have answered the control questions correctly afterwards.

Please also visit the social media pages of curasan AG on Facebook, LinkedIn and XING, where the technological leader in bone regeneration is regularly publishing news. Here, the main focus is on scientific publications about successful applications of curasan products, information on international events, as well as specific case presentations. Moreover, the company has its own YouTube channel. Fans and followers are welcome on all social media channels of curasan AG

curasan AG Lindigstraße 4 63801 Kleinostheim, Germany www.curasan.de

## MIS

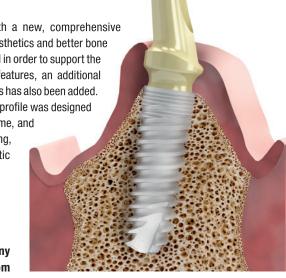
## Newly enhanced implant system

This past June, at the EuroPerio9 congress in Amsterdam, Netherlands, MIS launched the enhanced SEVEN implant system. Several key features have been added, that make the internal hex implant even better. Its biological stability and predictable aesthetics combined with the extensive R&D process which has led to these new improvements, have given the SEVEN a potential advantage in soft-tissue preservation and growth, as well as an array of restorative benefits. The combination of its unique features may provide the dentist with higher predictability, better aesthetic results and bone preservation.

The implant incorporates the platform-switching design concept. Implants with a platform-switched configuration have been shown to exhibit less bone loss when compared to non-platform-switched implants, which may lead to soft-tissue preservation and growth. The SEVEN's root-shaped geometry and unique thread design enable excellent primary stability, allowing for a simpler and faster

implant placement. With a new, comprehensive concept for enhanced aesthetics and better bone preservation in mind, and in order to support the advanced new implant features, an additional line of concave abutments has also been added. The concave emergence profile was designed for a larger gingival volume, and along with its gold shading, offers a better aesthetic result.

**MIS Implants Technologies GmbH** Simeonscarré 2 32423 Minden, Germany www.mis-implants.com



### Zest Dental Solutions

## Newly improved attachment system

The LOCATOR R-Tx removable attachment system is the fourth generation of award-winning patient-removable attachment sys-

tems from Zest Dental Solutions. The

new abutment coating is 30 per cent harder with over 25 per cent greater wear resistance, and nearly 65 per cent reduction in surface roughness.

The narrower coronal geometry of the abutment and the dual engagement of the retention inserts on the outside of the abutment allow patients to easily align and properly seat their overdenture, decreasing potential deformation of inserts,

which could lead to premature wear.

The system utilises the standard 0.050 in/ 1.25 mm hex drive mechanism and treats up to 30° of angle correction using a single set of redesigned retention inserts with straightforward retention values: zero, low, medium, high. In addition, all of the necessary compo-

nents for each individual case are shipped in one convenient vial. LOCATOR R-Tx is a better, simpler, stronger attachment system and comes with a 100% Satisfaction Guarantee to prove it!

**Zest Dental Solutions** 2875 Loker Avenue East 92010 Carlsbad, CA, USA www.zestdent.com

## Integration Diagnostics Sweden

## Customer-oriented product design

Integration Diagnostics Sweden is rapidly growing by adding distributors to its global network, closely cooperating with most major implant companies and constantly adding more implant systems to its MulTipeg assortment. PenguinRFA is now available in more than 60 countries by 28 distributors, whereof 7 are industrial partners; thus covering more than 70 implant systems with MulTipegs. MulTipegs are made from durable, tissue-friendly titanium and have sealed magnets, which makes it possible to autoclave them at least 20 times. They are also laser marked with type numbers to avoid mix-ups or using the wrong MulTipeg. The PenguinRFA concept is affordable, uncomplicated and with the reusable MulTipegs just what clinicians are asking for. The instrument is handheld and very user friendly, which makes the learning curve very short, fulfilling the customers' demands. Strong business partners add to the market success.

In addition, the RFA technique has become even more accurate by creating an ISQ standard calibration system, which means minimised variance between different MulTipegs. Due to the reference system, physical misfit between components can be detected and eliminated. In the future, Integration Diagnostics Sweden will continue to expand its distributor network globally and intensify the research around implant diagnostics.

**Integration Diagnostics Sweden AB** Nedergårdsgatan 5 416 54 Göteborg, Sweden www.penguinrfa.com

## Dentsply Sirona

## International Congress on Ankylos: Focus on implant dentistry

More than 1,000 visitors from almost 50 countries participated in the International Congress on Ankylos in Berlin, Germany, which took place on 29 and 30 June 2018. They experienced how implant dentistry and a dedicated dental community with focus on the digital future can create optimal results for patients. The congress programme featured lectures highlighting the importance of trusting experience and emphasised the topics excellence and the digital future. Additionally, current news and trends, as well as scientific documentation and clinical evidence were at the focus of the congress.

Furthermore, delegates at the congress got an exclusive look at Acuris, the new conometric concept that uses friction instead of a screw or cement to secure the crown

> and cap to the abutment in the final prosthetic part of implant treatment. This new solution saves time, improves predictability, and ensures high-quality end results. Acuris will include abutments with different angulations and will be available for all three implant systems of Dentsply Sirona Implants.

Dentsply Sirona -The Dental Solutions Company™ Aminogatan 1 431 21 Mölndal, Sweden www.dentsplysirona.com/implants

## Nouvag

## Introducing motor management 2.0



Nouvag's latest development in the field of implantology is the motor system MD 11 which is now available in version 2.0. The company has newly implemented the function of thread cutting and made the device handling even easier than it already was. During its development, much attention has been given to a quiet, low-vibration motor running, which is the feature most likely perceived by patient and surgeon alike. The insertion of the tubing set is done with very little effort due to the great visibility of the mounting bracket and easy to reach notches in the bracket.

To make the set of the MD 11 complete, Nouvag offers all required contra angles such as the 1:1, 16:1, 20:1, 32:1 and a 70:1. The 20:1 contra angle, also available with LED spotlight, covers

the largest field of the implantologist's tasks, owing to the sophisticated motor control of the MD 11, which provides sufficient torque from the lowest possible speed of 15 rpm to the highest speed of 1,700 rpm.

With the new 20:1 mini E-type contra angle, in conjunction with the new electronic motor having a shorter handpiece carrier, the resting point lies between the surgeon's thumb and index finger allowing for better balance and force delivery to the drill.

Nouvag AG St. Gallerstr. 23–25 9403 Goldach, Switzerland www.nouvag.com

### Straumann

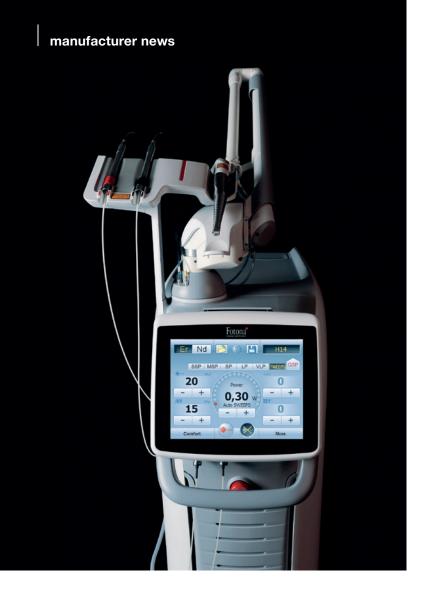
## PURE Ceramic Implant System

Nothing is more winning than a light-hearted and happy smile. With the PURE Ceramic Implant System even very demanding patients can smile with confidence according to the principle "Discover natural PURE white. Love your smile."

With this implant system, dentists can grant their patients the best aesthetic, natural and solid treatment. Patients will benefit from all the highly aesthetic advantages of a natural ceramic implant—ivory-coloured like a natural tooth root and even in cases of thin gingiva biotypes not shining through. No compromises on aesthetics, reliability or the most natural choice of material are necessary. Further they can rely on high-performance zirconia ceramic material being even stronger than the gold standard, grade 4 titanium implants.

The Straumann® PURE Ceramic Implant System is the result of more than 12 years of relentless research and development until the ceramic implants complied with the company's premium quality standards. Swiss quality and precision, strength, clinical success and flexible treatment protocols are combined in an innovative solution that helps dentists meet the needs of their patients. Find out more at: pure.straumann.com.





### Fotona

# Making implantology treatments more effective

Fotona's LightWalker dental laser is an ideal tool for hard- and soft-tissue treatments, including applications in implantology. LightWalker's Er:YAG and Nd:YAG wavelengths are highly effective for the removal of granulation tissue, the disinfection of the surgical area after extraction, as well as for the preparation of the implant bed to achieve longer stability. The beneficial uses of its high-precision Er:YAG laser for bone ablation are further complimented by using its Nd:YAG laser for efficient deep disinfection and bio-modulation.

Uncovering the implant during the second stage of implant placement is more patient friendly with Er:YAG laser treatments. Favourable formation of new bone has been observed on Er:YAG and Nd:YAG laser-treated peri-implant areas. In laser-treated patients, greater bone-to-implant integration was observed compared to curette-treated patients.

In addition, with peri-implantitis treatments, laser light has been shown to provide better access to all parts of the implant surface when compared to manual curettes or ultrasonic tips.

Fotona d.o.o. Stegne 7 1000 Ljubljana, Slovenia www.fotona.com

### ClaroNav

## State-of-the-art navigation for every day

By using the CBCT image as a kind of map, ClaroNav's Navident guides clinicians much like a GPS guides drivers, offering them an easy-to-use, accurate, highly portable and affordable method for the planning of desired restorations and implant placements.

With Navident 2.0, the clinician will no longer be required to do a special extra scan. Instead, he or she will be able to use the diagnostic scan already available for the patient. The step of making a stent is not part of the workflow as it is no longer required, saving clinicians valuable time. The usual working steps including stent, scan, plan and place have thus changed to scan, trace and place—known as Trace and Place which is a game-changing development for dynamic navigation. With Trace and Place, the Navident 2.0 workflow is efficient and user-friendly and can be seamlessly integrated into daily clinical practice.

"Trace and Place is a real tipping point for dynamic navigation guidance," said user Dr George Mandelaris, a periodontist from Chicago, USA. "It has streamlined and simplified the workflow

in both the diagnostic and surgical phases to allow state-of-the-art technology to be an everyday component of my surgical implant practice. I can't imagine going back!"

Clinicians are encouraged to make use of the opportunity to learn from masters and interact with peers at ClaroNav's EAO booth (S21) in Vienna, Austria.

ClaroNav Inc. 1140 Sheppard Avenue West, Unit 10 Toronto, Ontario, Canada

www.claronav.com







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## Programme for dentists and dental technicians FRIDAY, 28 SEPTEMBER 2018

### **FUTURE PODIUM – Visions in Implantology**

09:00 - 09:15	<b>Opening ceremony</b> Dr Georg Bach/DE
09:15 – 09:45	Assoc. Prof. Dr Christian R. Gernhardt/DE Tooth preservation and implantology—A future model— Structural, professional and demographic challenges
09:45 – 10:15	MDT Ralph Riquier/DE Digital competence 4.0—Future prognosis for digital patient

logy require? Prof. Dr Wolfgang Henseler/DE 10:15 - 10:45

Dentist 4.0—How one should be thinking in the age of digitalisation

How much know how does a complete digital dental techno-

10:45 - 11:00

Speaker and podium discussion

The future podium speakers and clinician Dr Kay Vietor are discussing the importance of the presented developments for the daily work of implantologically working dentists with the scientific director/moderator. Participants have the option to actively participate in the discussion via the interactive chat feature.

11:00 - 11:30Coffee break/Dental exhibition

## TABLE CLINICS (TC) - Visions in Implantology

15.00 15.45	0 1 4 70 1 1 4 04
15:00 – 15:45	Session 1, TC table 1–24
15:45 - 16:00	Change of table
16:00 - 16:45	Session 2, TC table 1-24
16:45 - 17:00	Change of table
17:00 - 17:45	Session 3, TC table 1-24

Note: Please specify the numbers of your chosen table clinics (total of three) on the application form below.

Dr Arpad Alexander Toth/DE From clinician to clinician: Fully digital

prosthetic workflow with ultra-short implants

**Ot**medical®

Dr Kai Zwanzig/DE

Guided surgery in implantology— The digital has to merge with the analog camlog

Dr Kay Vietor/DE Intraoral scanning in implantology—

Temporary trend or new standard?



Prof. Dr Marcel Wainwright/SE The intra lift—A proven method for the internal sinus lift



Dipl.-Ing. Dipl.-Inf. Frank Hornung/DE CranioPlan® 3-D procedure for determining the occlusal plane. Milled interim restoration



Dr Marc Hansen/DE The external sinus lift-



Update and long-term results Axel Reimann/DE



Update on local anaesthesia-Interesting facts for the dental practice



Prof. Dr Georg-H. Nentwig/DE Augmentation without membrane: When is it a sensible alternative?



Dr Sebastian Schmidt/DE. Co-speaker DT Bernhard Zierer/DE

3-D bone milling with fully guided simultaneous implantation

## LIVE SURGERIES

11:30 - 12:30

camlog

12:30 - 13:30

*✓* **straumann** 

Transmission of live surgery 2 Dr Michael Back/DE Dr Dr Oliver Blume/DE

With minimalisation to success

Transmission of live surgery 1

Christian Barth, DDS/DE

Dr Thomas Barth/DE, Dr Stefan Ulrici/DE

The iSy solution—One click, one scan, one shift.

maxgraft® bonebuilder—Safe application of patient individual bone blocks

## Programme for dentists and dental technicians

FRIDAY, 28 SEPTEMBER 2018

## SATURDAY, 29 SEPTEMBER 2018

TABLE CI	LINICS (TC) – Visions in Implantology		SCIENTIFIC PRESE	NTATIONS – Visions in Implantology
TC 10	Dr Bergen Pak/DE 3-D navigated implantology— From implant to crown	MIS	08:45 - 09:00	Dr Georg Bach – Scientific director Prof. Dr Herbert Deppe – DGZI president Welcome and introduction of the speakers and scientific programme
TC 11	PrivDoz. Dr Friedhelm Heinemann/DE Implantological and implant-prosthetic planning with reduced-diameter implants	DENTAURUM	PODIUM 1	and scientific programme
TC 12	<b>Dirk-Rolf Gieselmann/DE</b> aMMP-8 chairside immuno diagnostics as basis for the successful peri-implantitis prevention	dentognostics	09:00 - 09:30	Elika Madani, DDS/DE UnivProf. Dr Dr Ralf Smeets/DE GTR/GBR techniques—Where do we stand? What is new? Where will this journey take us?
TC 13	Dr Elisabeth Jacobi-Gresser/DE Co-speaker Prof. Dr Daniel Olmedo/AR Successful, aesthetic, sustainable and more biologically compatible implantation with	ZERAMEX* STata. Asthetisch. Metallfrei.	09:30 - 10:00	Prof. Dr Dr Florian Draenert/DE Bone management in dental implantology: Biology and materials instead of biomaterials
TOM	zirconium dioxide implants  Dr Umut Baysal/DE	SCHŮTZ (∰ DENTAL	10:00 – 10:30	Prof. Dr Thorsten M. Auschill/DE Innovative concepts in the therapy of peri- implant diseases
TC 15	Praction and aesthetics in implant prosthetics  Dr Ralph Griesbach/DE  Everything my patients desire: Aesthetics—	MEDENTIKA® A Straumann Group Brand	10:30 – 11:00	Prof. Dr Werner Götz/DE Bioengineering in regenerative dentistry— Where will the journey take us?
	longevity—economic efficiency		11:00 – 11:15	Speaker and podium discussion
TC 16	<b>Dr Manuel Bras da Silva/DE</b> Newest techniques in implantology: GBR, GTR, plastic occlusion without periosteal sl and biological dentistry	DD DEMEDI-DENT	11:15 – 12:00	Break/Dental exhibition
TC 17	Dr Theodor Thiele, M.Sc., M.Sc./DE Sinus lift and bone regeneration at the sinus floc Comfortable and safe with sinus and GBR kits	or: Dentium For Dentists By Dentists	PODIUM 2	
TC 18	Dr Stefan Helka/DE Augmentation in practical application—What does actually work and what is really necessary?	Dentegris	12:00 – 12:30	Prof. Dr Martin Lorenzoni/AT Digital planning, diagnostics and navigation in implant prosthetics
TC 19	Dr Ingmar Schau/DE Larger number of cases and more success in implantology	Tacs	12:30 – 13:00	<b>Prof. Dr Dr habil. Andree Piwowarczyk/DE</b> CAD/CAM in implantology—From the planning stage up until the final restoration
TC 20	Achim Kettler/DE Co-speaker Thomas Borrmann/DE	regulation Products 13	13:00 – 13:30	Prof. Dr Dr Ralf Smeets/DE Implantology news—Increasingly thinner, shorter, whiter?
10 20	Getting to know the coDiagnostiX implant planning software with an easy case example	dental wings	13:30 – 13:45	Speaker and podium discussion
TC 21	DiplVolksw. Christian Wünsch/DE Nitrous oxide sedation—The concept of this well-known dental sedation method	medical	13:45 – 14:40	Break/Dental exhibition
TC 22	Prof. Dr Mauro Marincola/IT 360-degree application options of SHORT implant	s <b>bicon</b>	PODIUM 3	
TC 23	Dr Endre Varga, DMD, DDS, PhD/HU Navigated surgery is the future— but it also has to fit	permadental	14:40 – 15:00	Prof. Dr Daniel Olmedo/AR Biological effects of titanium particles: Factors to consider in implantology
TC 24	Dr Jan Erik Janson/DE New paths in navigated surgery	medical in the st	15:00 – 15:20	<b>Dr Elisabeth Jacobi-Gresser/DE</b> Evidence of patient specific risk factors in implantology
	with BoneTrust® guide	medical instinct	15:20 – 15:50	Prof. Dr Andrea Mombelli/CH Ceramic vs titanium: Where will the journey take us?
	event at the Hilton Hotel Düsseldorf, Germany	SS/EXHIBITION AREA	15:50 – 16:20	Prof. Dr Dr Knut A. Grötz/DE Extending the implant indication (systemic diseases, risk patients et al.)
	congress participants and exhibitors. accompanying person (incl. drinks and snack)	€ 35 excl. VAT	16:20 – 17:00	Speaker and final discussion

## Programme for dental assistants

## FRIDAY & SATURDAY, 28 AND 29 SEPTEMBER 2018

### **HYGIENE SEMINAR**

Further education and qualification as Office Hygiene Commissioner

for the dental practice

Friday, 28/09/2018 12:00 – 19:00 Saturday, 29/09/2018 09:00 – 19:00

### **QMC SEMINAR**

Training as Quality Management Commissioner QMC

Friday, 28/09/2018 09:00 – 18:00

## SCIENTIFIC PRESENTATIONS

Saturday, 29/09/2018

09:10 - 09:50	Prof. Dr Stefan Zimmer/DE Electric or manual: What is the better cleaning method?
09:50 – 10:30	<b>Prof. Dr Stefan Zimmer/DE</b> Tooth paste—Balm for the teeth
10:30 – 11:15	Break/Dental exhibition
11:15 – 12:00	<b>Prof. Dr Mozhgan Bizhang/DE</b> Interdental space and tounge—What is still part of good oral hygiene?
12:00 – 12:45	<b>Prof. Dr Nicole B. Arweiler/DE</b> When normal oral hygiene is not enough—What do I recommend for patients with increased risk of disease?
12:45 – 13:15	PrivDoz. Dr Gregor Petersilka/DE Brushed properly and still periodontitis? Why oral hygiene is often not enough?
13:15 – 14:30	Break/Dental exhibition
14:30 – 15:15	<b>Prof. Dr Thorsten M. Auschill/DE</b> Systematic periodontal follow-up care
15:15 – 16:00	<b>PrivDoz. Dr Gregor Petersilka/DE</b> What are the benefits of oral irrigators and Co.?
16:00 – 16:15	Final discussion

## CONCEPT | ORGANISATION | REGISTRATION

OEMUS MEDIA AG

Holbeinstraße 29 | 04229 Leipzig | Germany Phone: +49 341 48474-308 | Fax: +49 341 48474-290 event@oemus-media.de | www.oemus.com



## **Organisational matters**

## Visions in Implantology

## ORGANISER

DGZI e.V.

Paulusstraße 1 | 40237 Düsseldorf | Germany

Phone: +49 211 16970-77 Fax: +49 211 16970-66 sekretariat@dgzi-info.de www.dgzi.de

### **VENUE**

Hilton Hotel Düsseldorf

Georg-Glock-Straße 20 | 40474 Düsseldorf | Germany

Phone: +49 211 4377-0 www.hiltonhotels.de

## **CONGRESS FEES**

## Friday, 28 September and Saturday, 29 September 2018

Dentist/dental technician DGZI-member	€ 275*
Dentist/dental technician non-member	€ 325*
Medical Assistant (with Proof) DGZI-member	€ 120*
Medical Assistant (with Proof) non-member	<b>€</b> 135*
Students (with Proof)	only conference fee
Conference fee**	€ 118 excl. VAT

### **TEAM FEES**

## Friday, 28 September and Saturday, 29 September 2018

Dentist + dental technician DGZI-member	€ 375*
Dentist + dental technician non-member	€ 450*
Dentist + Assistant DGZI-member	€ 350*
Dentist + Assistant non-member	€ 380*
Conference fee** per person	€ 118 excl. VAT

<sup>\*</sup>The reservation is made on behalf of and on the account of DGZI e.V. incl. 7 % VAT

Early bird discount for all reservations made before 30 June 2018: 5 % of the congress fee. For daily tickets the congress fee and conference fee are reduced by half.

## **DENTAL ASSISTANTS**

## Hygiene seminar (Friday and Saturday)

Dentist	€ 275 excl. VAT
Dental Assistant	€ 224 excl. VAT
Team fee (Dentist + Dental Assistant)	€ 448 excl. VAT
Conference fee** for both days/per person	€ 118 excl. VAT
QMC seminar (Friday)	€ 109 excl. VAT
Conference fee** per person	€ 59 excl. VAT

## Presentations (Saturday)

Dentist	€ 185 excl. VAT
Medical/Dental Assistant (with Proof)	€ 109 excl. VAT
Conference fee** per person	€ 59 excl. VAT

<sup>\*\*</sup> Incl. coffee breaks, drinks and lunch. The conference fee has to be paid by every participant.

## 48<sup>™</sup> DGZI International Annual Congress

Registration form via Fax to  $+49\ 341\ 48474-290$  or by mail to

OEMUS MEDIA AG Holbeinstraße 29 04229 Leipzig Germany

Online registration: www.dgzi-jahreskongress.de				
	□ yes □ no	☐ Friday ☐ Saturday	<b>0 2 3</b>	☐ Hygiene seminar (Fr./Sa☐ QMB seminar (Sa.)☐ Presentations (Sa.)
Academic titel, last name, first name, profession	DGZI-member	Participation		Programme Dental Assistant
	□ yes □ no	☐ Friday ☐ Saturday	• •	☐ Hygiene seminar (Fr./Sa☐ QMB seminar (Sa.)☐ Presentations (Sa.)
Academic titel, last name, first name, profession	DGZI-member	Participation		Programme Dental Assistant
Evening event on Friday, 28 September 2018 (#			greeing to the general term	ns and conditions of the 48 <sup>th</sup> DG

E-mail address (Please declare, you will receive the invoice and certificate via e-mail.)