

# Bone welding day

First review of an ultrasound-driven osteosynthesis system in OMF surgery



**Vienna, January 16<sup>th</sup>, 2009**

**S.O.R.G. Strasbourg Osteosynthesis Research Group**

- **All indications**
- **Clinical application**
- **Distinguished faculty**
- **Practical hands-on workshop**

**Hotel de France  
Schottenring 3  
A-1010 Wien**



[www.sorg-group.com](http://www.sorg-group.com)

# BONE WELDING DAY, VIENNA

January 16<sup>th</sup>, 2009

## Chairmen:



Rolf Ewers,  
Vienna, Austria



Gerhard Undt,  
Vienna, Austria



Oliver Scheunemann  
Tuttlingen, Germany

## Secretary technical affairs:

## Faculty:

Eric Arnaud	Paris, France
Arnulf Baumann	Vienna, Austria
Uwe Eckelt	Dresden, Germany
Klaus-Louis Gerlach	Magdeburg, Germany
Gerhard Iglhaut	Memmingen, Germany
Richard Loukota	Leeds, Great Britain
Arwed Ludwig	Kassel, Germany
Wolfgang Puelacher	Innsbruck, Austria
Astrid Reichwein	Vienna, Austria
Henning Schliephake	Goettingen, Germany
Matthias Schneider	Dresden, Germany

## Course language:

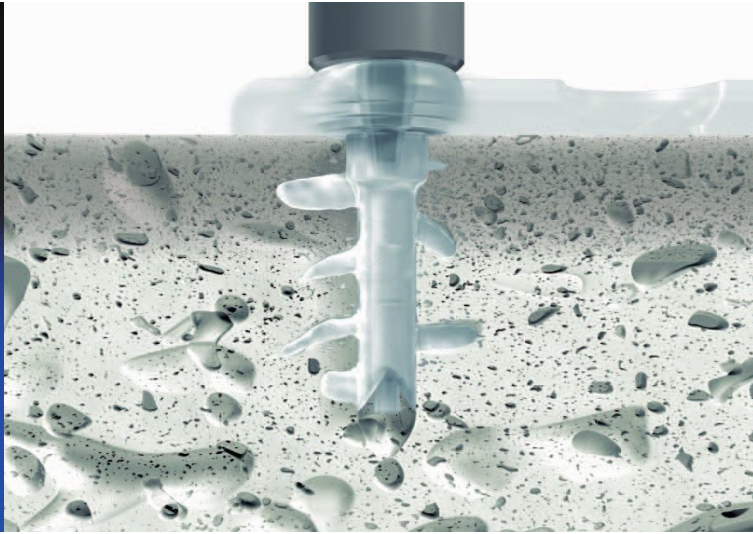
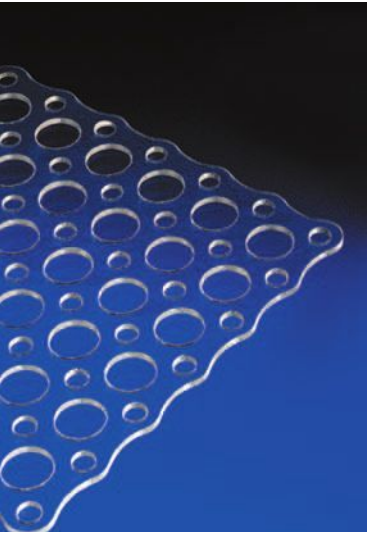
English, no simultaneous translation will be offered.

## Course Venue:

Hotel de France  
Schottenring 3  
A-1010 Wien  
[www.hoteldefrance.at](http://www.hoteldefrance.at)

# First review of an ultrasound-driven osteosynthesis system in OMF surgery

8.00 – 9.00 a.m.	Registration	
9.00 – 9.10 a.m.	Welcome and introduction	<i>Rolf Ewers</i>
9.10 – 9.20 a.m.	Fundamentals of the SonicWeld Rx® Technique	<i>KLS Martin</i>
9.20 – 9.40 a.m.	Basic considerations: Mechanical, histological and clinical evaluations on Resorb X®	<i>Klaus-Louis Gerlach</i>
9.40 – 10.00 a.m.	The Dresden experience - animal studies and clinical application	<i>Uwe Eckelt</i>
10.00 – 10.20 a.m.	Coffee Break	
10.20 – 10.40 a.m.	25 years experience in the clinical application of resorbable osteosynthesis materials	<i>Rolf Ewers</i>
10.40 – 11.00 a.m.	Midfacial fractures- The Vienna experience	<i>Astrid Reichwein</i>
11.00 – 11.20 a.m.	The Goettingen study on fractures of the Zygomatic complex	<i>Henning Schliephake</i>
11.20 – 11.40 a.m.	Osteosynthesis of frontal bone fractures	<i>Arnulf Baumann</i>
11.40 – 12.00 p.m.	Fixation of bone blocs with SonicWeld Rx® - an experimental study	<i>Matthias Schneider</i>
12.00 – 12.20 p.m.	Guided tissue regeneration and augmentation of the jaw	<i>Arwed Ludwig</i>
12.20 – 13.30 p.m.	Lunch	
13.30 – 13.50 p.m.	Shell technique as application in bone augmentation surgery	<i>Gerhard Iglhaut</i>
13.50 – 14.05 p.m.	Animal studies on the osteosynthesis of condylar fractures	<i>Wolfgang Puelacher</i>
14.05 – 14.15 p.m.	Osteosynthesis of diacapitular fractures in the human cadaver model	<i>Gerhardt Undt</i>
14.15 – 14.35 p.m.	The Leeds experience	<i>Richard Loukota</i>
14.35 – 14.55 p.m.	Applications in craniofacial surgery	<i>Eric Arnaud</i>
14.55 – 15.05 p.m.	Future perspectives on the SonicWeld Rx® Technique	<i>KLS Martin</i>
15:05 – 15.20 p.m.	Final Discussion	
15.20 – 15.40 p.m.	Coffee Break	
15.40 – 18.00 p.m.	Hands-on workshop on the SonicWeld Rx® system	
	1- Midfacial Trauma	
	2- Intracapsular fractures of the TMJ	
	3- Various Augmentation procedures	



## A Revolution in Cranio-Maxillofacial Osteosynthesis

**SonicWeld Rx<sup>®</sup>**

Experience all benefits of a unique and revolutionary osteosynthesis technique worldwide:

- 100% amorphous and biodegradable thanks to pure PDLA
- Highest stability thanks to cortical as well as cancellous anchorage and immediate locking effect between PDLA pin and plate
- Unprecedented application and safest handling thanks to ultrasonic driven introduction of the resorbable materials

**Surgical Innovation is our Passion.**

**KLS martin**  
GROUP