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SYMPOSIUM

FEBRUARY 17-19, 2003  
VIENNA, AUSTRIA



ARTHROSCOPIC SURGERY OF THE  
TEMPOROMANDIBULAR JOINT

UNIV.-PROF. DR. DR. GERHARD UNDT  
HOSPITAL OF CRANIO-MAXILLOFACIAL  
AND ORAL SURGERY  
UNIVERSITY OF VIENNA,  
MEDICAL SCHOOL

WAEHRINGER GUERTEL 18-20  
A-1090 VIENNA  
AUSTRIA



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## ARTHROSCOPIC SURGERY OF THE TEMPOROMANDIBULAR JOINT

HOSPITAL OF CRANIO-MAXILLOFACIAL  
AND ORAL SURGERY  
UNIVERSITY OF VIENNA, AUSTRIA





Dear Colleagues,

It gives us great pleasure to invite you to this congress on diagnostic and operative temporomandibular joint arthroscopic surgery in Vienna in 2003.

Arthroscopic application of lasers, arthroscopic repositioning and suturing techniques for disc displacement, or intra-articular computer-aided navigation of the arthroscope – techniques such as these have expanded the indications for minimally invasive temporomandibular joint surgery step by step within the last decade.

We have been very fortunate in having outstanding specialists and pioneers in the field accept our invitation to share their surgical expertise at the congress. They will present long-term results, explain and demonstrate their favourite techniques during live surgeries transmitted to the auditorium, and they will hold a "hands-on workshop" on February 19, teaching basic and advanced arthroscopic surgical techniques on dry models and fresh cadaveric specimens.

We are looking forward to welcoming you to an exceptional event in wonderful Vienna!

Rolf Ewers, MD, DMD, PhD

Professor and Chair, Hospital of  
Crano-Maxillofacial and Oral Surgery,  
University of Vienna

Gerhard Undt, MD, DMD, PhD

Associate Professor and  
Congress President

#### **Congress Venue:**

Vienna General Hospital  
Auditorium 1  
Waehringer Guertel 18-20  
A-1090 Vienna, Austria

#### **Congress President:**

Gerhard UNDT, MD, DMD, PhD

#### **Speakers:**

Rolf EWERS, MD, DMD, PhD, Vienna, Austria  
Anders HOLMLUND, DDS, PhD, Stockholm, Sweden  
Joseph P. McCAIN, DMD, PhD, Miami, U.S.A.  
Ken-Ichiro MURAKAMI, DDS, PhD, Kyoto, Japan  
Michael RASSE, MD, DMD, PhD, Wels, Austria  
Gerhard UNDT, MD, DMD, PhD, Vienna, Austria  
Arne WAGNER, MD, DMD, Vienna, Austria

#### **Live surgeries will be performed by:**

Anders HOLMLUND  
Joseph P. McCAIN  
Ken-Ichiro MURAKAMI  
Gerhard UNDT

#### **Congress language: English**

**Internet: <http://www.tmj.at.tt>**

**Monday, February 17, 2003**

07:30 - 08:30

**Registration****Introduction**

08:30 - 08:35

Welcome address

**R. Ewers**

08:35 - 08:40

Introduction

**G. Undt****Background and fundamentals**

08:40 - 08:55

The history of temporomandibular joint arthroscopy

**K.I. Murakami**

08:55 - 09:10

Functional topographic anatomy of the TMJ

**M. Rasse**

09:10 - 09:30

Arthroscopic anatomy and pathology of the TMJ

**A. Holmlund**

09:30 - 09:45

Portals of entry

**J.P. McCain**

09:45 - 10:00

Discussion

10:00 - 10:30

Coffee break

10:30 - 10:45

Intraarticular histology

**K.I. Murakami**

10:45 - 11:00

Hand and motorized instrumentation

**J.P. McCain**

11:00 - 11:15

TMJ arthroscopic laser surgery and electrosurgery

**K.I. Murakami**

11:15 - 11:30

Patient selection and management

**J.P. McCain**

11:30 - 11:45

Discussion

11:45 - 13:15

Lunch

**Management of intraarticular pathology**

13:15 - 13:30

Remodelling of the temporomandibular joint

**R. Ewers**

13:30 - 13:45

Internal derangement

**J.P. McCain**

13:45 - 14:00

TMJ arthritis and osteoarthritis

**A. Holmlund**

14:00 - 14:15

Mandibular dislocation

**G. Undt**

14:15 - 14:30

Discussion

14:30 - 15:00

Coffee break

**Results of arthroscopic TMJ surgery**

15:00 - 15:15

Outcome of arthroscopic surgery for internal derangement of the temporomandibular joint: 10 years results

**K.I. Murakami**

15:15 - 15:30

A comparison of discectomy and arthroscopic lysis and lavage for the treatment of chronic closed lock

**A. Holmlund**

15:30 - 15:45

Clinical results following arthroscopic disc suturing procedures

**J.P. McCain**

15:45 - 16:00

Open versus arthroscopic TMJ surgery: 5 years results

**G. Undt**

16:00 - 16:15

Discussion

16:15 - 16:45

Coffee break

**Recent advances in arthroscopic TMJ surgery**

16:45 - 17:00

MRI and computer aided axiography for evaluation of arthroscopic surgical procedures

**G. Undt**

17:00 - 17:15

A new technique of disc fixation with resorbable pins

**J.P. McCain**

17:15 - 17:30

Intraarticular navigation and telenavigation

**A. Wagner**

17:30 - 17:45

Intra-operative measuring techniques

**G. Undt**

17:45 - 18:00

Final discussion

**Tuesday, February 18, 2003****Special arthroscopic surgical procedures**

08:30 - 08:45

Arthroscopic lysis and lavage

**A. Holmlund**

08:45 - 09:15

Arthroscopic disc repositioning procedures

**J.P. McCain**

09:15 - 09:30

Arthroscopic adhesiolysis

**K.I. Murakami**

09:30 - 09:45

Arthroscopic modelling of joint surfaces

**G. Undt**

09:45 - 10:00

Discussion

10:00 - 10:30

Coffee break

**Live surgeries**

Including arthroscopic lysis and lavage, disc repositioning procedures, laser surgery, motorized shaving of joint surfaces, intraarticular navigation and telenavigation

10:30 - 10:45

Presentation of the first and the second patient

**G. Undt**

10:45 - 12:45

Live surgeries

**A. Holmlund,  
J.P. McCain**

12:45 - 13:00

Discussion

13:00 - 14:00

Lunch

14:00 - 14:15

Presentation of the third and the fourth patient

**G. Undt**

14:15 - 16:15

Live surgeries

**K.I. Murakami,  
G. Undt**

16:15 - 17:00

Final Discussion

**Wednesday, February 19, 2003**

**We recommend the following hotels in Vienna:**

**"Hands-on workshop"**

**At the Institute of Anatomy, University of Vienna  
Währinger Strasse 13, A-1090 Vienna**

Teaching specialists: **A. Holmlund**  
**J.P. McCain**  
**K.I. Murakami**  
**M. Rasse**  
**G. Undt**

09:00 - 12:00 and 13:00 - 16:00 Live demonstrations and practical training in basic and advanced arthroscopic surgical techniques on dry models and fresh cadaveric specimens

12:00 - 13:00 Lunch

**Hotel de France**  
A-1010 Vienna, Schottenring 3  
Phone: +43-1-313 68/0  
Fax: +43-1-319 59 59  
e-mail: defrance@austria-hotels.co.at

**Hotel Regina**  
A-1010 Vienna, Rooseveltplatz 15  
Phone: +43-1-404 46/0  
e-mail: eva.kremslehner@kremslehnerhotels.at

**Hotel Arcotel Boltzmann**  
A-1090 Vienna, Boltzmanngasse 8  
Phone: +43-1-316 12/0  
e-mail: Boltzmann@arcotel.co.at

We kindly ask you to make your reservation directly at the hotel.

**Registration**

Deadline for registration: January 31, 2003

R E G I S T R A T I O N F O R M

February 17 and 18, 2003 € 500,-

February 17, 18 and 19, 2003 € 750,-

**Payment:**

Bank transfer to the following account:

Account number: 50464359801  
Bank code: 12 000  
Bank Austria Creditanstalt  
Swift code: BKAUTWW

**Please complete the following registration form and send it to:**

Univ.-Prof. Dr. Dr. Gerhard Undt  
Hospital of Cranio-Maxillofacial  
and Oral Surgery  
University of Vienna  
Währinger Guertel 18-20  
A-1090 Vienna  
Austria

Phone: +43-1-40 400 / 4275 or 4259  
Fax: +43-1-40 400 / 4253  
e-mail: gerhard.undt@akh-wien.ac.at

First name: Last name:

Street:

City: Country:

Postal code:

Phone: Fax:

e-mail:

**Please accept my registration for February 17 and 18 € 500,-**

**Please accept my registration for February 17, 18 and 19 € 750,-**

Date

Signature