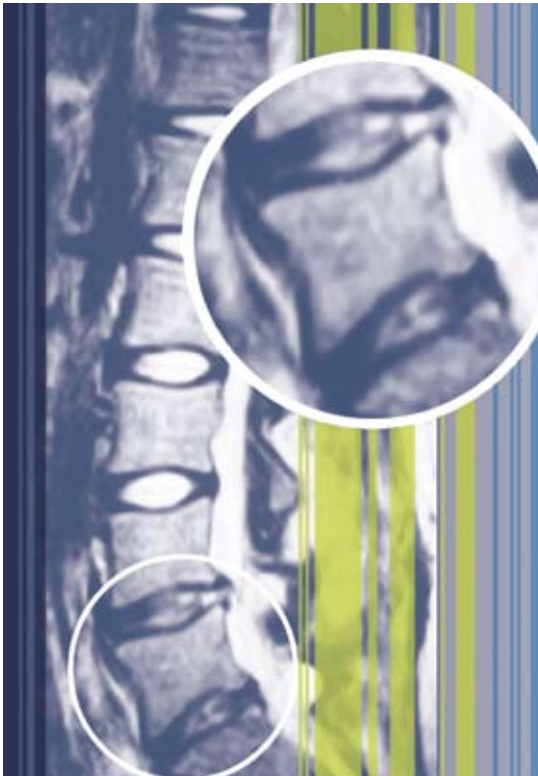


SUMMER UNIVERSITY 2008

Final Program



July 2–5, 2008

Fairmont St. Andrews, Scotland

Host Chairman:

T. Tsirikos

Patronage:

R. Hedlund

IGASS (International Group
for Advancement in Spinal
Science)



Distinguished Invited Faculty

G. Alessi
Belgium

V. Alt
Germany

R. Assaker
France

M. Balsano
Italy

R. Bassani
Italy

S. Berg
Sweden

L. Breakwell
United Kingdom

C. Bungler
Denmark

C. Carstens
Germany

M. Cunha e Sá
Portugal

J. Franke
Germany

P. Fransen
Belgium

P. Gillet
Belgium

R. Hedlund
Sweden

H. Hiertz
Austria

J.C. Le Huec
France

G. Maestretti
Switzerland

A. Martin
Spain

C. Oner
The Netherlands

G. Sapkas
Greece

K.M. Scheufler
Switzerland

T. Tsirikos
United Kingdom

A. Van Ooij
The Netherlands

F. Weber
Germany

L. Wilson
United Kingdom

J. Yeh
United Kingdom

D. Zeilstra
The Netherlands

Agenda

DAY 1 Wednesday, July 2

19:00 Welcome reception

DAY 2 Thursday, July 3

Aging Spine

Chairman: R. Hedlund

General Session

8:00 Welcome note T. Tsirikos / R. Hedlund

8:30 The evolution of socialized medicine in Western Europe: Impact on elderly patient management P. Fransen

8:45 Overview of the pathologies, treatment options, and a look into the future M. Cunha e Sá

9:00 Treating the vertebral compression fracture is not treating the osteoporosis. How a referral network can offer a global therapy solution? J. Yeh

9:15 Potential pitfalls of surgeries in the aging spine: Complications, tips, and trick C. Bunger

9:30 *Coffee break - Join round table sessions*

10:00 **Round Table Discussions**

Group 1: Management of multilevel lumbar stenosis L. Breakwell / C. Bunger

Group 2: Management of degenerative lumbar spondylolisthesis C. Carstens

Group 3: The importance of sagittal balance in adult deformity R. Hedlund

- Is there a place for *in situ* fixation of the patient?
- Which complications could be expected?

Group 4: Early detection versus late diagnosis in vertebral compression fracture management G. Maestretti / R. Bassani

Group 5: Fixation techniques in the aging cervical spine: Particular focus on multilevel cervical stenosis R. Assaker

Group 6: How to manage neurogenic claudication? Treatment options and evidence-based medicine J. Yeh

12:15 Groups prepare summary of the discussions

12:30 *Lunch*

General Session

14:00 Consequences of Parkinson's disease on the surgical management of aging spine C. Oner

14:15 Deformities of the aging spine: Key performance indicators of the surgical treatment R. Hedlund

14:30 **Round Table Discussions**

Group 1: Management of multilevel lumbar stenosis L. Breakwell / C. Bunger

Group 2: Management of degenerative lumbar spondylolisthesis C. Carstens

Group 3: The importance of sagittal balance in adult deformity R. Hedlund

- Is there a place for *in situ* fixation of the patient?
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Group 5: Fixation techniques in the aging cervical spine: Particular focus on multilevel cervical stenosis R. Assaker

Group 6: How to manage neurogenic claudication? Treatment options and evidence-based medicine

J. Yeh

16:15 Groups prepare slides for discussion and coffee break

General Session

16:30 **Session summary**
(A summary presentation of 10 minutes will be given by a representative from each breakout group.)

17:30 **E-voting**
(Each moderator will show a case representative of their topic in order to vote and see the consensus.)

18:00 End of day 2

DAY 3 Friday, July 4

Degenerative Disc Disease (DDD)

Chairman: C. Oner

General Session

9:15 How to define the stage of DDD process? J. Franke

9:30 Evidence-based medicine in the treatment of DDD P. Gillet

9:45 *Coffee break - Join round table sessions*

10:00 Round Table Discussions

Group 1: Fusion versus non-fusion in the cervical spine A. Martin / D. Zeilstra

Group 2: Fusion versus non-fusion in the lumbar spine G. Alessi / K.M. Scheufler

Group 3: Adjacent segment degeneration above and below a fused segment: Myth or reality? A. Van Ooij / P. Gillet

Group 4: The degenerative cascade: What treatment option and when? M. Cunha e Sá / G. Sapkas

Group 5: Complications of cervical and lumbar disc prosthesis surgeries F. Weber / J. Franke

Group 6: How to choose the appropriate interbody fusion technique: ALIF, PLIF, TLIF, open, or MAST™? L. Wilson / H. Hiertz

12:15 Groups prepare slides for discussion

12:30 *Lunch*

General Session

14:00 Navigation in spine surgery
Example of navigated disc surgery S. Berg

14:15 Using biologics for disc regeneration: State-of-the-art J.C. Le Huec

14:30 Round Table Discussions

Group 1: Fusion versus non-fusion in the cervical spine A. Martin / D. Zeilstra

Group 2: Fusion versus non-fusion in the lumbar spine G. Alessi / K.M. Scheufler

Group 3: Adjacent segment degeneration above and below a fused segment: Myth or reality? A. Van Ooij / P. Gillet

Group 4: The degenerative cascade: What treatment option and when? M. Cunha e Sá / G. Sapkas

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16:15 Groups prepare slides for discussion and coffee break

General Session

16:30 **Session summary**
(A summary presentation of 10 minutes will be given by a representative from each break-out group.)

17:30 **E-voting**
(Each moderator will show a case representative of their topic in order to vote and see the consensus.)

18:00 End of day 3

DAY 4 Saturday, July 5

Biologics

Chairman: J.C. Le Huec

General Session

9:00 History of biologic solutions and today's treatment for spine M. Balsano

9:15 What a surgeon needs to know about osteoconductive and osteoinductive bone substitutes to get osteogenesis under control V. Alt

9:30 Round Table Discussions

Group 1: Biologics in spinal surgery: Limitations of autogenous bone M. Balsano

Group 2: What are the different cement options for bone stabilization? What and when to use? G. Maestretti

Group 3: Clinical evidence of osteoinductive bone substitutes V. Alt

Group 4: The use of bone substitutes to optimize results of revision surgeries J.C. Le Huec

11:15 Groups prepare slides for discussion and coffee break

General Session

11:30 **Session summary**
(A summary presentation of 10 minutes will be given by a representative from each break-out group.)

12:30 **E-voting**
(Each moderator will show a case representative of their topic in order to vote and see the consensus.)

Concluding remarks and take-home message R. Hedlund / T. Tsirikos

13:00 End of Summer University

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