

THE 2ND ANNUAL MEETING OF THE NATIONAL BIOMATERIAL AND TISSUE ENGINEERING GRADUATE SCHOOL

Wednesday 09.06 -Thursday 10.6.2004

Kylpylä-hotelli Rauhalampi, Kuopio, Finland

Organized by the Biomaterial and Tissue Engineering Graduate School, the BIOMATER Institute, University of Kuopio, and TULES Research Society.

Target group: Graduate School students and personnel and scientists of the BIOMATER Institute of Kuopio. Clinical doctors and Biomaterial scientists.

Aims: The aim is to give basic insight into the biomechanics of the hip joint and its replacement in end stage hip disease. The other aim is to advance the co-operation between the graduate school students in a relaxing atmosphere and show one of the many faces of Finland to the foreign lecturers and graduate school students.

Participants: 45 participants.

Program: Wednesday 9.6.2003

12.00 Registration in hall and LUNCH

13.00 Opening of the symposium at auditorium
Professor Seppo Santavirta, Department of Orthopaedics and Traumatology, Helsinki
University Central Hospital

13.05 History of the total hip placement
Professor Pär Slätis, Invalid Foundation

13.45 Biomaterials used in total hip replacement
Dr Eero Waris, Helsinki University Central Hospital

14.15 Risk of osteoporosis from the surgeon's point of view: Mikkeli risk index
Docent Pekka Waris, Mikkeli Central Hospital

Poster walk: presentations by the Graduate School Students
Chair Yrjö T. Kontinen

15.45 Discussion of the Past, Present and Future of the School

16.30 End of the session and coffee at auditorium
Checking in

18.00 Savusauna (Smoke sauna), students discussions how to improve the school

20.00 DINNER

Thursday 10.6.2003

8.00-9.25 BREAKFAST at restaurant ILOINEN TORI

9.30 Opening of the session at auditorium
Chair professor Yrjö T. Konttinen, Department of Medicine, University Central Hospital,
Invalid Foundation ORTON and COXA The Joint Replacement Hospital

9.35 Total hip replacement: basic aspects
Dr Ingrid Milosev, Ljubljana, Slovenia

10.15 Total hip replacement: clinical aspects
Dr Rikard Trebse, Valdoltra, Slovenia

10.55 Results of the total hip replacement as reflected in the National Implant Register of the
National Agency of Medicines
Docent Juha Nevalainen, National Agency of Medicines

11.35 Tekolonkka potilaan kannalta
Potilasyhdistyksen edustaja professori Veikko Louhevaara

12.00 LUNCH

13.30 Opening of the session at auditorium
Chair professor Yrjö T. Konttinen, Department of Medicine, University Central Hospital,
Invalid Foundation ORTON and COXA, The Joint Replacement Hospital

13.35 Studies of cathepsin K and mesenchymal stem cells
Jami Mandelin, MSc, Helsinki

14.05 Hip simulation
Professor Reijo Lappalainen, the BIOMATER Institute, University of Kuopio

14.45 Biomechanical modelling of the hip
Dr Rami Korhonen, the BIOMATER Institute of Kuopio

15.25 Imaging of the cartilage
Docent Jukka Jurvelin, University of Kuopio

15.55 Closing words

16.00 COFFEE, SANDWICH AND ADJOURN