

11.00-12.00 Registration - Welcome Coffee

12.00-14.00 The Revision Knee

Chairs: I. Kyrkos, G. Kapetanos, E. Tsiridis, F. Sayegh

Approaches, balancing and joint level in the revised knee

E. Chronopoulos

Implant choice: constrained rotating hinge or semi solutions

V. Nikolaou

Management of Bone Loss: Bulk Allograft vs Cementless Porous Sleeves

G. Ioannidis

Infection management

F. Sayegh

Periprosthetic fractures around knee

G. Petsatodis

Blood and pain management

E. Kenanidis

Peripheral blocks in TKA

E. Gkoutziomitrou - M. Varveri

DISCUSSION

14.00-15.00 MAST Scholarship –Fellowship

Multiple choice exam - 30 questions - €250 award to top 3 candidates

15.00-15.30 LUNCH BREAK

WORKSHOP I

15.30-17.30 Practical TKA IN SAW BONE- Practical Training in Saw Bone

Full Total Knee Arthroplasty for each selected candidate

Full Cemented Knee Revision with Spacer Mould for each selected candidate

Chairs: I. Kyrkos, G. Kapetanos, P. Andersen, G. Ullmark

08.30-09.00 **Announcements - E. Tsiridis**

09.00-10.00 **Material Tribology and Basic Science**

Chairs: M. Moazen, I. Kyrkos, P. Andersen, G. Caushi

Tribology of head: size and material

Th. Koukoubis

MOM and taper trunnion revision

G. Macheras

Allograft biological fixation bulk versus impaction grafting

G. Digkas

Key note: FEA modeling for implant design and development

M. Moazen

DISCUSSION

10.00-11.00 **Acetabular Revision**

Chairs: G. Ullmark, E. Tsiridis, G. Kapetanos, L. Zagra, G. Gouvas

Jumbo sockets

O. Pidgaiska

Cages and Cup cage technique

S. Konan

Key Note: Tantalum Augments vs Impaction Grafting

G. Ullmark

Acute and chronic pelvic dissociation

E. Tsiridis

Key note: Revision after ceramic failure

L. Zagra

DISCUSSION

HONORARY LECTURE

Lessons learned from the study of total hip replacement.

47-year experience

Prof. G. Hartofilakidis

11.00-12.00

Femoral Revision

Chairs: P. Andersen, G. Petsatodis, E. Tsiridis, G. Ullmark, L. Zagra

Removing implants techniques for revision stem and socket

G. Drosos

Key note: Uncemented techniques: stem design and applications/modular vs monolithic

P. Andersen

Key note: Cemented revision and cement in cement technique

J. Charity

Key note: Impaction femoral grafting using 170 mm Lubinus stem

G. Ullmark

Total or partial femoral replacement: implant vs allograft

P. Papagelopoulos

12.00-13.00

Managing Complications

Chairs: K. Malizos, G. Petsatodis, An. Christodoulou, P. Andersen, P. Papagelopoulos

One versus two stage revision for infection

K. Malizos

Instability management: constrained vs dual mobility vs PLAD

L. Poultsides

Periprosthetic fractures acetabulum & femur

An. Christodoulou

Anaesthetic challenges in joint revision

E. Gkoutziomitrou - M. Doumparazi

DISCUSSION

CONTINUES MAST 3 WORKSHOP

13.00-13.15

Virtual Reality Total Knee Arthroplasty

First International Presentation: Oculus use in TKA environment

E. Tsiridis, E. Kenanidis, G. Papagiannakis, P. Trachanias

13.15-14.00

LUNCH BREAK

WORKSHOP II

14.00-18.00

Practical Revision THA–Revision Techniques

ETO

Leads: S. Konan, F. Sayegh

Figure of seven for socket

Leads: E. Tsiridis, J. Nakopoulos, E. Kenanidis

Marginal mesh and impaction grafting

Leads: G. Ullmark, G. Digas

Plate and cables for Periprosthetic fracture fixation

Leads: D. Alvanos, V. Nikolaou

Tantalum augment application with socket

Leads: E. Tsiridis, E. Chronopoulos, M. Potoupnis

Chairs: J. Kirkos, G. Kapetanos, P. Andersen, G. Ullmark

20.00

FACULTY DINNER

Dinner Announcements

1. **J. Kirkos:** "Welcome" & "3 MAST Fellowships award"
2. **P. Andersen:** "The Future of EFORT"
3. **G. Ullmark:** "EHS Fellowships Awards"
4. **E. Chronopoulos:** "The Future of Greek Hip & Knee Society"
5. **E. Tsiridis:** "ART/Arthroplasty Registry Thessaloniki"
6. **E. Tsiridis:** "GEA visiting fellowship program"-A.U.Th students
7. Past Mast Fellows presentation

08.30-09.00 **Announcements - E. Tsiridis**

09.00-10.30 **Video live surgery**

Comments: E. Tsiridis, J. Charity, P. Andersen, G. Ullmark

1. Impaction grafting socket
2. Impaction grafting femur
3. ETO
4. Figure of seven construction
5. Cemented hip Exeter

10.30-11.00 **Video live surgery**

Surgeon: E. Tsiridis

Presenter: J. Nakopoulos

Super path MIS: The new MIS approach to the hip

WORKSHOP III

11.00-14.00 **Practical THA- TOTAL HIP ARTHROPLASTY EXETER HIP COURSE**

Full Total Hip Arthroplasty for each selected candidate

Cementing using palaces cement for each selected candidate

Chairs: J. Kyrkos, G. Kapetanos, P. Andersen, G. Ullmark

14.00-14.15 **Faculty photo session**

14.15-14.30 **Closing remarks & Certificates**