



Hellenic Association
of Orthopaedic Surgery
and Traumatology
ATHENS ACADEMY AWARD 2004

11th MASTERCLASS IN
ARTHOPLASTY SURGERY THESSALONIKI
within the 80th HAOST CONGRESS 2024
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Current Concepts in
Advanced
Arthroplasty
Surgery

Devoted to the Extraordinary Contributions
of the Hellenic Diaspora:
Celebrating Hellenic Excellence
in Orthopaedics

18-19

October
2024

Makedonia Palace Hotel
Thessaloniki



IN COLLABORATION WITH:



EUROPEAN HIP SOCIETY

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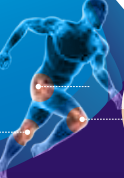




EFORT



MEDICAL SCHOOL
ARISTOTLE UNIVERSITY
OF THESSALONIKI

Program



08:00–09:20 **MAST 11th**  **and EHS** 
THE KNEE DAY

08:00–08:20 **Introduction**
Eleftherios Tsiridis

08:20–09:20 **KNEE ALIGNMENTS PHILOSOPHIES**
Moderators: **L. Poultsides, N. Roidis, N. Zacharakis, A. Maslaris**

08.20–08.27 Extensor mechanism allograft after total knee arthroplasty: an effective procedure but with a significant risk of complications
C. Batailler, France

08.30–08.37 Knee osteotomy: preserving the joint
J. Gliatis, Greece

08.40–08.47 Mechanical alignment
V. Sakellariou, Greece

08.50–08.57 Kinematic alignment
K. Kateros, Greece

09.00–09.07 Functional alignment
N. Mylonakis, Greece

09.10–09.17 Measured resection
T. Totlis, Greece

09.20–10.00 **THE BATTLE OF BEARING SURFACES IN TKA**
Moderators: **J. Vlamis, S. Papadakis, G. Babis, D. Koulalis**

09.20–09.27 CR
I. Tremmas, Greece

09.30–09.37 PS
K. Michail, Greece

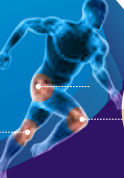
09.40–09.47 Medial pivot
G. Drosos, Greece

09.50–09.57 Ultracongruent
Th. Kyriakidis, Greece



- 10.00-11.00 **CURRENT DEBATES IN PRIMARY TKA IMPLANT SELECTION**
Moderators: Th. Kyriakidis, V. Nikolaou, E. Kenanidis, J. Vlamis
- 10.00-10.20 Cemented vs cementless knee arthroplasty
- 10.00-10.07 Cemented
V. Nikolaou, Greece
vs
- 10.10-10.17 Cementless
D. Koulalis, Greece
- 10.20-10.40 Pro UKA vs TK
- 10.20-10.27 Pro UKA
Th. Krithymos, Greece
vs
- 10.30-10.37 TKA
A. Maslaris, UK
- 10.40-11.00 Pro patella resurfacing vs unresurfaced patella
- 10.40-10.47 Pro patella
I. Dourountakis, Germany
vs
- 10.50-10.57 Unresurfaced patella
N. Zacharakis, Greece





ALEXANDER I HALL

Friday, October 18, 2024

11.00-11.40 **KNEE ROBOTICS AND OTHER TECHNOLOGIES: VIDEO BASED TECHNIQUES**
Moderators: J. Vlamis, G. Babis, V. Bitounis, G. Drosos

11.00-11.07 Rosa technique
E. Kenanidis, Greece

11.10-11.17 Mako technique
D. Chissas, Greece

11.20-11.27 VR and AR technique
N. Roidis, Greece

11:30-12:00 COFFEE BREAK

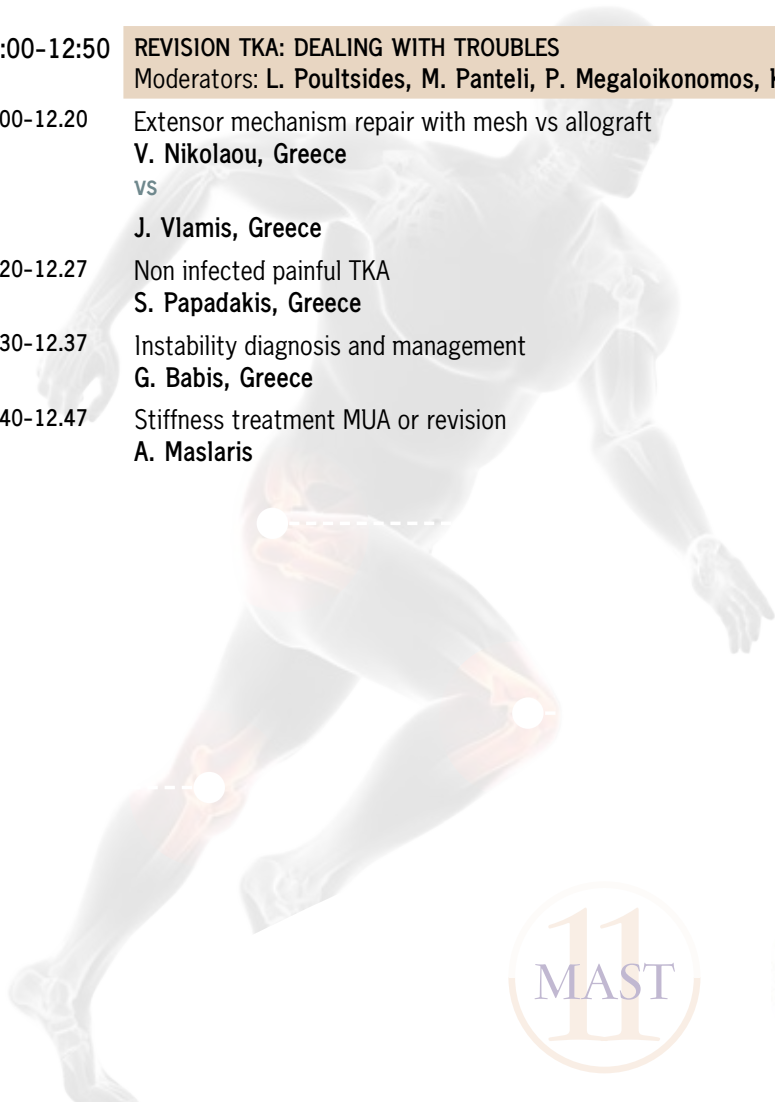
12:00-12:50 **REVISION TKA: DEALING WITH TROUBLES**
Moderators: L. Poultsides, M. Panteli, P. Megaloikonomos, K. Kateros

12.00-12.20 Extensor mechanism repair with mesh vs allograft
V. Nikolaou, Greece
vs
J. Vlamis, Greece

12.20-12.27 Non infected painful TKA
S. Papadakis, Greece

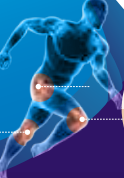
12.30-12.37 Instability diagnosis and management
G. Babis, Greece

12.40-12.47 Stiffness treatment MUA or revision
A. Maslaris



- 12.50-15.10 **THE 3RD SPACE CONCEPT AND ROBOTICS IN PRIMARY AND REVISION SETTINGS: THE FUTURE IS HERE**
Moderators: L. Chan, R. Schwarzkopf, R. Tandogan, T. Georgoulis
- 12.50-12.57 TKA in complex cases and major deformities: the role of robotics
F. Benazzo, Italy
- 13.00-13.07 Bicompartamental KA as a personalized patient solution
E. Thienpont, Belgium
- 13.10-13.17 Revision TKA with imageless robotics: a paradigm shift?
G. van Hellemond, The Netherlands
- 13.20-13.27 Knee: enhancing patellofemoral tracking using image based robotic assisted surgery for TKA
S. Lustig, France
- 13.30-13.37 Trochlea anatomy modification after personalized TKA
A. Maslaris, UK
- 13.40-13.47 The anterior gap in knee arthroplasty
E. Thienpont, Belgium
- 13.50-14.04 1. Cementless total knee arthroplasty
2. Revision total joint arthroplasty in the outpatient surgery center
A. V. Lombardi Jr., USA
- 14.10-14.24 1. Neutrality, normality, abnormality and pathology in coronal knee alignment: why and how should we define it in the era of personalized medicine?
2. The difficult cases for personalized TKA
P.-A. Vendittoli, Canada
- 14.30-14.37 Robotic revision TKA
R. Schwarzkopf, USA
- 14.40-14.47 Future design of TKA implants
T. Georgoulis, Greece
- 14.50-14.57 Metaphyseal fixation in revision TKA
P. Megaloikonomos, Canada
- 15.00-15.07 Challenges in fixation of comminuted distal femoral periprosthetic fractures around the knee
M. Panteli, UK
- 15:00-16:00 **BREAK**

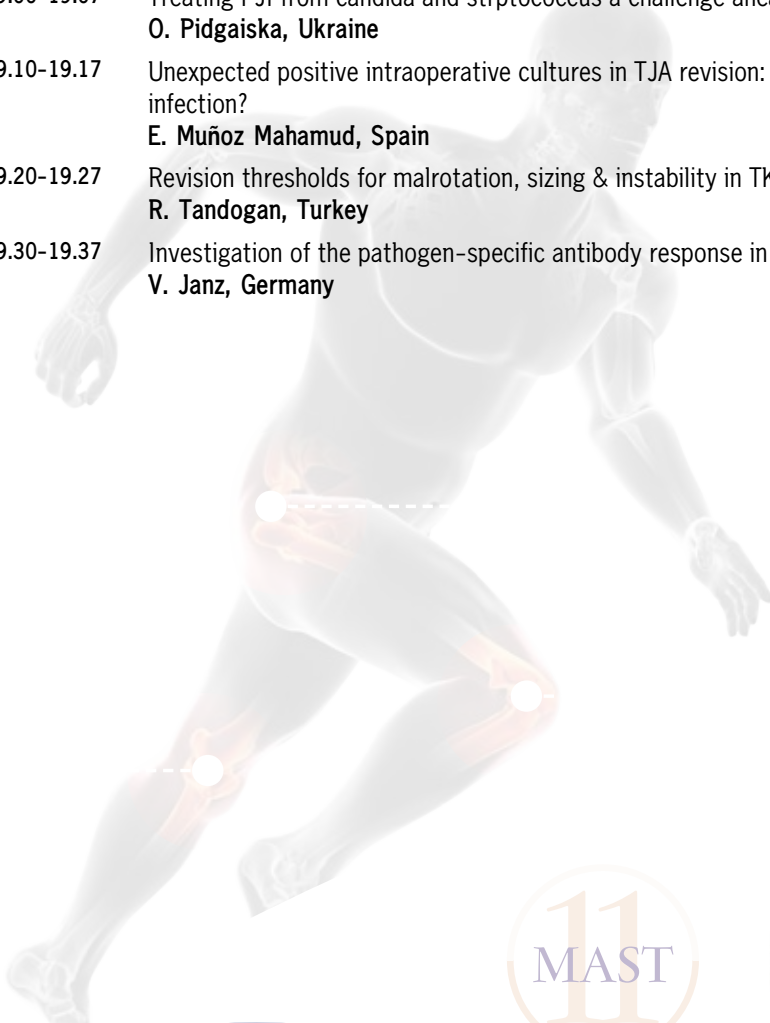


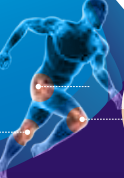


- 16:00–18:10 **CURRENT UNDERSTANDING OF KNEE ALIGNMENT AND FUNCTION IN PRIMARY KNEE RECONSTRUCTION**
Moderators: G. van Hellemond, L. Chan, E. Muñoz Mahamud
- 16.00–16.07 Full motion arc, laxity-based planning for total knee arthroplasty: the next milestone for enabling technology
J. Huddleston
- 16.10–16.24 1. Want a high forgotten joint score after TKA - Use kinematic alignment
2. Want a high forgotten joint score after TKA - Use a medial ball- in-socket and flat lateral insert conformity
S. Howell, USA
- 16.30–16.44 1. Functional positioning in TKA
2. Daycase UKA & TKA
F. Haddad, UK
- 16.50–16.57 Balancing the 3rd space of a TKA
M. Hirschmann, Switzerland
- 17.00–17.14 1. HKA change (CAS data) between full extension and 90° flexion on uKATKA: influence of CPAK phenotype
2. KA may revolution TKA revision surgery: revision of a KATKA with primary implants is straightforward (KATKA to KATKA)
Ch. Riviere, France
- 17.20–17.27 The thienpont-parvizi varus knee classification
E. Thienpont, Belgium
- 17.30–17.37 Understanding coronal knee alignment
E. Thienpont, Belgium
- 17.40–17.47 Why personalized alignment requires personalized implants?
M. Bonnin
- 17.50–17.57 A new classification system of the knee phenotypes based on robotic assisted evaluation
E. Kenanidis, Greece
- 18.00–18.07 Have robotics improved the outcomes of TKA?
R. Tandogan, Turkey
- 18:00–18:30 **COFFEE BREAK**



- 18:30-19:40** REVISION CHALLENGES AND COMPLEXITIES USING NEW TECHNOLOGIES AND TREATMENT ALGORYTHMS
Moderators: R. Schwarzkopf, E. Muñoz Mahamud, E. Thienpont, G. van Hellemond
- 18.30-18.44** 1. Specific management to periprosthetic tibial fracture
2. Management of extra articular deformity
N. Budhiparama, Indonesia
- 18.50-18.57** Tips and tricks for im-lanting 3D printed second generation metaphyseal cone during revision TKA: lessons learned from Asian knee
L. Chan, Hong Kong
- 19.00-19.07** Treating PJI from candida and strptococcus a challenge ahead
O. Pidgaiska, Ukraine
- 19.10-19.17** Unexpected positive intraoperative cultures in TJA revision: is this really an infection?
E. Muñoz Mahamud, Spain
- 19.20-19.27** Revision thresholds for malrotation, sizing & instability in TKA
R. Tandogan, Turkey
- 19.30-19.37** Investigation of the pathogen-specific antibody response in PJI
V. Janz, Germany





08:00–09:30

MAST 11th  and EHS 

THE HIP DAY

08:00–09:20

DEBATES IN DECISION MAKING IN PRIMARY HIP ARTHROPLASTY: THE BATTLE IS STILL ON

Moderators: **M. Panteli, P. Megas, P. Mavroeidis, S. Darmanis**

08:00–08:20

Robotic vs non robotic THA

08:00–08:07

Robotic THA

K. Drettakis, Greece

vs

08:10–08:17

Non robotic THA

G. Babis, Greece

08:20–08:40

Cemented vs uncemented for the over 75

08:20–08:27

Cemented

L. Poultsidis, Greece

vs

08:30–08:37

Uncemented for the over 75

G. Drosos, Greece

08:40–09:00

Collared vs cemented prostheses

08:40–08:47

Collared prostheses

S. Adam, Greece

vs

08:50–08:57

Cemented prostheses

S. Darmanis, Greece

09:00–09:07

Evolution of the posterior approach piriformis preserving STAR registry results from ART

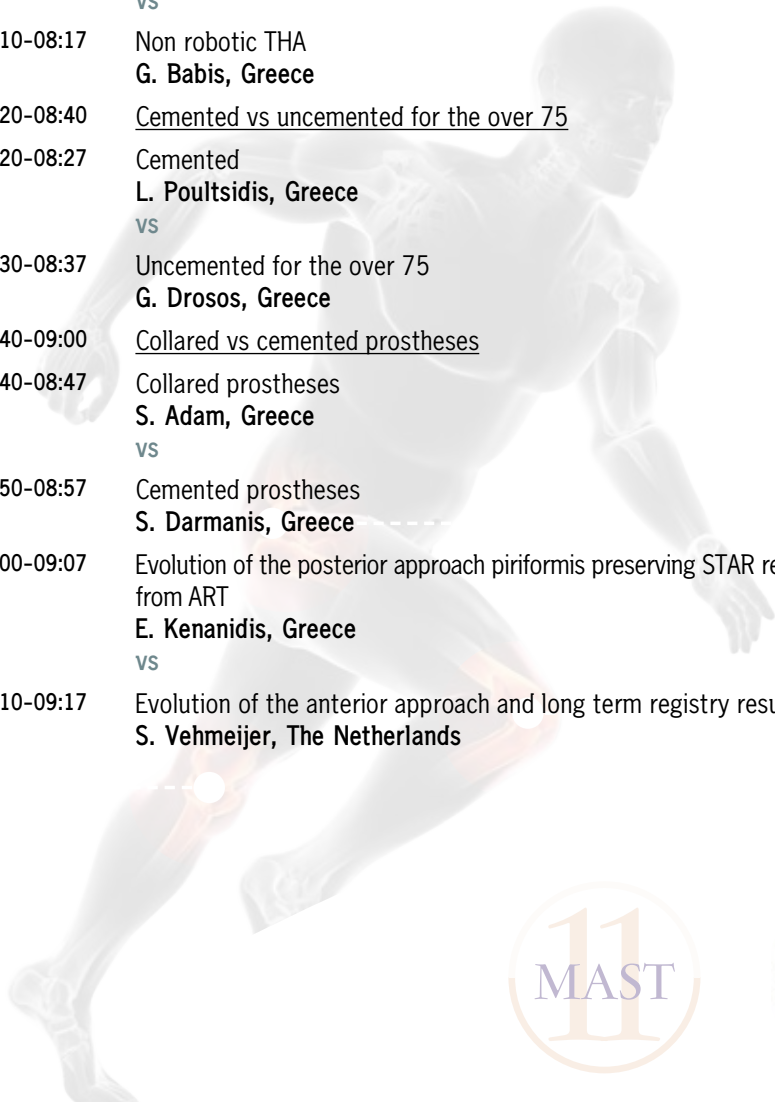
E. Kenanidis, Greece

vs

09:10–09:17

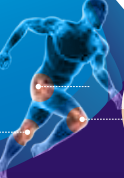
Evolution of the anterior approach and long term registry results

S. Vehmeijer, The Netherlands



- 09:20-12:30 **REVISION CHALLENGES AND COMPLEXITIES: "THE TOP GUN" (PART I)**
Moderators: **W. Schreurs, J.-A. Epinette, G. van Hellemond, M. Mohhades**
- 09:20-09:34
1. Outcome of 138 first revisions in patients who had their primary THA under 50 years: are we able to keep them mobile?
2. Comparison of survival rates and analysis of first-time stem revision of short-stemmed and normal stemmed total hip arthroplasties based on 16,258 short stems from the Australian, Dutch, and Swedish registries
W. Schreurs, The Netherlands
- 09:40-09:54
1. Cementing a cap into a well fixed uncemented shell
2. Cement-in-cement revisions for periprosthetic fractures
M. Panteli, UK
- 10:00-10:07
The use of local antibiotics carriers in septic revision arthroplasty
O. Pidgaiska, Ukraine
- 10:10-10:17
Bone support of a custom triflange acetabular component
J. Visser, The Netherlands
- 10:20-10:27
3D digital printing: applications in hip surgery
E. Muñoz Mahamud, Spain
- 10:30-10:37
Custom solutions for difficult acetabular revisions: where can we aim to?
F. Benazzo, Italy
- 10:40-10:54
1. Customized 3d-printed porous titanium implants for revision THA in patients with defects of the acetabulum
2. Partial two stage exchange with retention of well-fixed femoral component at PJI
S. Bondarenko, Ukraine
- 11:00-11:14
1. Total hip arthroplasty with a monoblock conical stem and subtrochanteric transverse shortening osteotomy in crowe type IV dysplastic hips
2. 3D printed anatomical dual mobility cup: rationale, development and early clinical and radiological results
M. Loppini, Italy
- 11:20-11:34
1. Algorithm for management of persistent wound drainage in THA
2. Avoidance and management of limb length discrepancy THA
A. Cruz-Pardos, Spain
- 11:40-11:47
Custom 3D printed implants in large acetabular defects: tips and tricks and our results
G. van Hellemond, The Netherlands



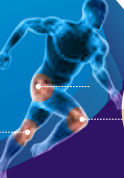


- 11:50-11:57 Custom-made 3D acetabular implants for major bone defects: survival, clinical and radiographic results
N. Reina, France
- 12:00-12:07 Restoration of the hip center of rotation with metal augments in revision arthroplasty
P. Dantas, Portugal
- 12:10-12:17 Trends in hip arthroplasty, data from the Swedish arthroplasty register
M. Maziar, Sweden
- 12:20-12:27 Modular revision stems: when and how?
L. Zagra, Italy
- 12:30-13:00 **COFFEE BREAK**
- 13:00-13:30 **REVISION CHALLENGES AND COMPLEXITIES: "THE TOP GUN" (PART II)**
Moderators: **W. Schreurs, A. Cruz-Pardos, G. van Hellemond, J.-A. Epinette**
- 13:00-13:07 One-stage vs two stage bilateral THA - are there differences in complication and outcome?
F. Thorey, Germany
- 13:10-13:17 Atypical femoral periprosthetic fracture after polished tapered cemented stem, a case report
H. Fujita, Japan
- 13:20-13:27 Revision of failed ceramic on ceramic THA
R. Schwarzkopf, USA
- 13:30-14:50 **SPINOPELVIC CINEMATICS EVOLUTION THROUGH ROBOTICS: FUNCTIONAL PERSONALIZED THA**
Moderators: **W. Schreurs, L. Chan, V. Janz, E. Kenanidis**
- 13:30-13:44
 1. Cup orientation when standing is significantly different to when supine - inclinations for pre-op planning
 2. Does replication of native anatomy satisfy hip-spine algorithm plans for cup orientation?**G. Grammatopoulos, UK**
- 13:50-13:57 Enhanced recovery after THA - should outpatient surgery always be the aim?
S. Vehmeijer, The Netherlands
- 14:00-14:14
 1. Monobloc cup for all, including the atypical acetabulum
 2. A new anesthesia technique to improve TKA and THA recovery, the SASOFLIS technique**P.-A. Vendittoli, Canada**



- 14:20-14:27 Robotic assistance and benefits of pelvic kinematic integration for hip replacement - insights from 1000 procedures
P. Kouyoumdjian, France
- 14:30-14:44 1. The hip-spine patient: unifying mechanics to minimize instability
2. The pelvic femoral angle: a key measurement for individualized safe cup orientation
R. Bodner, USA
- 15:00-16:00 BREAK
- 16:00-18:40 **PRIMARY HIP RECONSTRUCTION "THE GOOD, THE BAD AND THE UGLY": TIPS FROM THE TOP**
Moderators: **N. Santori, S. Vehmeijer, R. Schwartzkopf, J.-A. Epinette**
- 16:00-16:07 One stage bilateral THA, is it safe?
M. Buttaró, Argentina
- 16:10-16:17 The french national hip resurfacing observational registry at 8 years: back to the future?
J.-A. Epinette, France
- 16:20-16:27 THA in congenital hip disease. Does prior surgery affect outcome?
E. Garcia-Rey, Spain
- 16:30-16:44 1. Curved periacetabular osteotomy (CPO) utilizing preoperative 3D planning
2. Mid-to long-term results of THA for the cases with acetabular bone defects
K. Goto, Japan
- 16:50-16:57 The transition to STAR mis approach. The HSS experience
P. Sculco, USA
- 17:00-17:07 Hip: collared cementless stem and monoblock dual mobility cup: winning strategy for primary THA
S. Lustig, France
- 17:10-17:17 Functional positioning in THA
F. Haddad, UK
- 17:20-17:27 Dual mobility cups. Pearls and pitfalls
P. Megaloikonomos, Canada





17:30-17:44 1. Overview of PAO in dysplasia in ecuador
2. Data on approaches to the hip joint that demonstrates noninferiority of the anterior approach but no real substantive advantage in terms of many of the usual outcome parameters
J. Powell, Canada

17:50-18:04 1. Preserving the capsule and its functions in posterior THR
2. What happen to the iliopsoas tendon during and after THR
N. Santori, Italy

18:10-18:17 Acetabular reconstruction with allograft, kerboull plate and cemented dual mobility cups
Ch. Assi, Lebanon

18:20-18:27 Navigating complex hip pathologies: maximizing outcomes with robotic-assisted total hip arthroplasty
L. Chan, Hong Kong

18:30-18:37 Personalized THA in geriatric patients - my management strategy
V. Janz, Germany

18:40-19:40 DEBATES IN REALITY CHECK: MYTHS VS DATA
Moderator: **S. Bondarenko, P. Megas, L. Poultsides, G. Drosos**

18:40-19:00 Outpatient THA myths and reality
V. Bitounis, Greece

19:00-19:20 DAIR vs two-stage in 3 months post THA

19:00-19:07 DAIR
R. Trebse, Slovenia
vs

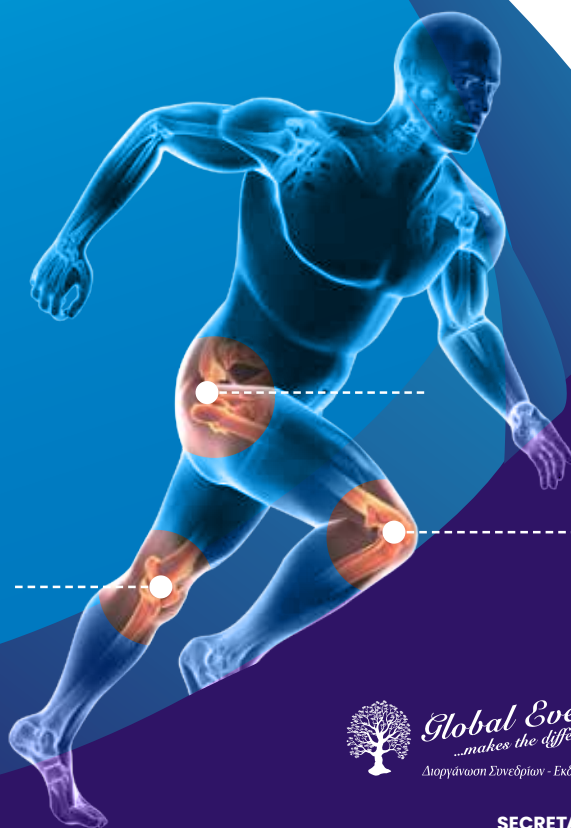
19:10-19:17 Two-stage
G. Drosos, Greece

19:20-19:40 BMI >40 operate or not

19:20-19:27 Operate
I. Tatani, Greece
vs

19:30-19:37 Not
A. Lilikakis, Greece





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