

6th MASTERCLASS in ARTHROPLASTY SURGERY THESSALONIKI

Current concepts in Advanced Arthroplasty Surgery

www.mastcourse.com



**World's 3rd
Virtual Reality
Training Course
in Arthroplasty**



**Access to all day
video surgery**

Hands on Practical

- Hip Revision ■
- Knee Revision ■
- Exeter Hip Course ■
- Reverse Shoulder ■



Organized by
European Hip Society



Endorsed by
EFORT



Under the auspices of
Aristotle University of Thessaloniki



Papageorgiou General Hospital

6-8 December 2019
Porto Palace Hotel
Thessaloniki

Final Program

bonalive

Συνθετικό Μόσχευμα Bonalive από βιοενεργό γυαλί (S53P4)
Ανακατασκευάζει και αναγεννά τα οστικά ελλείματα.
Σε 2 τύπους, Granules και Putty

Granules

Αντιβιοτική δράση χωρίς αντιβιοτικά
Αναστέλλει τη βακτηριακή ανάπτυξη
στα θετικά-αρνητικά κατά Gram βακτήρια
καθώς και σε βακτήρια ανθεκτικά στη
Μεθικιλίνη πχ. MRSA ή MRSE

**Οστεομυελίτιδα και
διαβητικό πόδι**

Σύνθεση:

53% SiO₂, 23% Na₂O
20% CaO, 4% P2O5

Putty

Ιδανική λύση

για την πλήρωση οστικών κενών

Golden Standard

στα συνθετικά μόσχευματα
Χωρίς αντιμικροβιακή δράση

Σύνθεση

53% SiO₂, 23% Na₂O, 20% CaO, 4% P2O5
Synthetic binder
Polyethylene glycols (PEGs) and glycerol

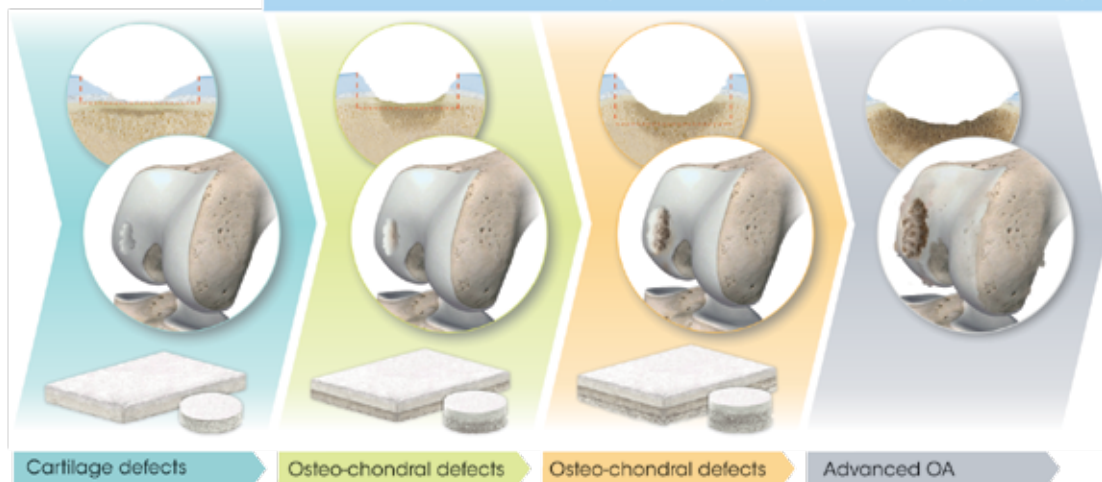
Η ιδανική λύση για τις δύσκολες
περιπτώσεις των μολύνσεων των
οστών χωρίς τη χρήση αντιβιοτικών

Maioregen

Bioionic system

Η ΙΔΑΝΙΚΗ ΛΥΣΗ ΓΙΑ ΟΣΤΕΟΧΟΝΔΡΙΝΕΣ ΒΛΑΒΕΣ

Διατίθεται σε 3 τύπους αναλόγως το βάθος της βλάβης



Maioregen
Chondro+ 1+

Maioregen
Slim 2

Maioregen
Prime 3

Finceramica
regenerative surgery
www.finceramica.it

CliniLab
MEDICAL PRODUCTS

Αθήνα: Λ. Συγγρού 344 & Σόλωνος 4, Τ.Κ. 176 73 Καλλιθέα Τηλ.: 210 9484 090, Fax: 210 9484 110 Κιν.: 6958 468887/6944 902488
Ιωάννινα: 6946 0034 90 Θεσ/νίκη: 6948 2138 28 email: info@clinilab.gr url: www.clinilab.gr

Welcome Address



MAST

On behalf of the European Hip Society (EHS), it is our pleasure to welcome you to the **6th Masterclass in Arthroplasty Surgery Thessaloniki**, which takes place on **6th - 8th December 2019** in Thessaloniki. Over 100 presentations will be delivered by 46 distinguished national and international experts in a very intense three day course.

The majority of the presentations are video-based as the primary aim is to technically educate Orthopaedic Specialists with an interest in joint arthroplasty and revision.

This three-day event incorporates state-of-the-art lectures, video demonstrations and hands-on workshops, all delivered by world-class faculty. The intimate meeting size of the workshops allows everyone to network with faculty and exchange opinions and experiences.

This year we introduce an innovative approach to Advanced Arthroplasty Surgery. In addition to the well-established Hip and Knee Reconstruction we introduce for the very first time the Shoulder and Elbow Reconstruction, Hip Preservation and Oncological Joint Reconstruction.

Therefore as from this year the MAST Conference includes all current concepts in Advanced Arthroplasty Surgery.

Delegates will have the opportunity to experience the Virtual Reality Training Platform and also young specialists who wish to apply for the Tsiridis – Frimley Park Fellowship will have a preliminary interview with the faculty.

Kind regards



Eleftherios Tsiridis

MD, MSc, PhD, FACS, FRCS
Masterclass President



Jean-Alain Epinette

MD, PhD
President of EHS

REDEFINING ROBOTICS.

SURGEON-CENTERED
EFFICIENT¹
ACCURATE²

ROSA Knee

 ZIMMER BIOMET

¹ Statement based on x-ray based imaging, imageless case option, and reduced instrumentation through pre-coordination imaging.

² "Meta-Analysis of Navigation vs Conventional Total Knee Arthroplasty" Bunker M. Hermesh, MD, SdJ, The Journal of Arthroplasty Vol. 27 No. 5/2012

All content herein is protected by copyright, trademark and other intellectual property rights, applicable, owned by or licensed to Zimmer Biomet or its affiliates, unless otherwise indicated, and must not be reproduced, duplicated or disclosed, in whole or in part, without the express written consent of Zimmer Biomet. This material is intended for health care professionals. Distribution to any other recipient is prohibited. For indications, contraindications, warnings, precautions, potential adverse effects and patient counseling information, see the package insert or contact your local representative, visit www.zimmerbiomet.com for additional product information. Check for country product clearances and reference product specific instructions for use. Not for distribution in France.

© 2016 Zimmer Biomet



Organization & Committees

Organized by



European
Hip
Society
(EHS)

Endorsed by



European Federation
of National Associations
of Orthopaedics
and Traumatology (EFORT)

Scientific Committee

President

Tsiridis E.

Hellenic Scientific Committee Members

| | | |
|------------------|-----------------|---------------|
| Babis G. | Givissis P. | Poultzides L. |
| Beris A. | Kapetanios G. | Sarris I. |
| Christodoulou A. | Megas P. | Sayegh F. |
| Chronopoulos E. | Nikolaou V. | Tilkeridis K. |
| Drosos G. | Papadopoulos P. | Tsiridis E. |
| Georgoulis A. | Petsatodis G. | |

International Scientific Committee Members

| | | |
|------------|------------------------|------------------|
| Atilla B. | Bondarenko S. | Tokgözoğlu A. M. |
| Baratz M. | Kjærsgaard-Andersen P. | Ullmark G. |
| Bentley G. | Mohaddes M. | |



MAST

6th MASTERCLASS in
ARTHROPLASTY SURGERY THESSALONIKI

Scientific Program

Friday, 6th December 2019

Upper Extremity



08:00-09:00

ORAL PRESENTATIONS

Chair: M. Potoupnis, L. Poultsides

Oral Presentations (O1-O7)

09:00-10:00

ANATOMIC TOTAL SHOULDER ARTHROPLASTY

Chair: I. Christoforides, P. Giannakopoulos

Pre-operative planning and PSI for anatomic shoulder arthroplasty

I. Gigis

Navigation in shoulder arthroplasty

I. Polyzois

Humeral implants: which one?

P. Givissis

Reverse shoulder arthroplasty vs hemiarthroplasty for fractures. Is shoulder hemiarthroplasty still an option?

P. Giannakopoulos

10:00-11:00

REVERSE SHOULDER ARTHROPLASTY

Chair: I. Feroxis, P. Papadopoulos

Reverse shoulder arthroplasty in irreparable cuff tear and cuff tear arthropathy

P. Papadopoulos

Why to medialize / lateralize glenoid and / or humerus

A. Leonidou

Dealing with deformed or eroded glenoid

I. Feroxis

Reverse shoulder arthroplasty extended indications: primary osteoarthritis, fracture sequelae, younger patients, revision surgery

E. Antonogiannakis

How to avoid instability in reverse shoulder arthroplasty

D. Pokorny

11:00-11:30

Coffee Break

Scientific Program

Friday, 6th December 2019

Upper Extremity



11:30-12:30

TOTAL ELBOW ARTHROPLASTY

Chair: S. Sourmelis, C. Sinopidis

Surgical approaches for TEA which is best?

O. Savidou

Hemiarthroplasty of the elbow - humeral replacement

K. Ditsios

Tips and tricks to optimize outcome in TEA

S. Sourmelis

TEA extended indications: fractures, younger patients, heterotopic ossification

C. Sinopidis

12:30-13:00

EXPERTS MEET THE EXPERTS

Chair: I. Sarris, D. Pokorny

Experts: I. Ferousis, E. Antonogiannakis, A. Leonidou,

I. Polyzois, P. Papadopoulos

Revision hemiarthroplasty / TSA to RSA surgery

D. Pokorny

Revision surgery of shoulder arthroplasty due to infection

D. Pokorny

Sponsored by  **osteocell**
D. REKOUTIS S.A.

13:00-13:30

SKYPE INVITED SPEAKER(S)

Chair: I. Sarris, O. Savidou

Treatment of osteoarthritis in young patient

C. Schmidt

Current concept in TEA

M. Baratz



MAST

6th MASTERCLASS in
ARTHROPLASTY SURGERY THESSALONIKI

Scientific Program

Friday, 6th December 2019

Upper Extremity



13:30-14:00

LUNCH BREAK - SATELLITE LECTURE

Chair: E. Tsiridis, V. Bitounis

Knee kinematics through implant design
S. Logan

Sponsored by **Rontis**
Driven by innovation

14:00-15:00

KNEE OSTEOARTHRITIS - PRIMARY - COMPLEX PRIMARY TKA

Chair: P. Kinov, A. Beletsiotis

Uni-compartmental medial and lateral; When and how
G. Drosos

Osteotomy vs partial knee replacement
G. Triantafyllopoulos

Soft tissue balancing for varus & valgus knee
A. Lilikakis

PF replacement and bicruciate retaining knee
V. Nikolaou

15:00-16:00

COMPLEX TOTAL KNEE ARTHROPLASTY PROBLEMS

Chair: G. Drosos, V. Nikolaou

Extensor mechanism complications
T. Kyriakidis

Stiff postoperative TKA
P. Kinov

The unstable TKA - causes & cures
S. Adam

Post traumatic deformities & TKA
E. Kenanidis

16:00-16:30

Coffee Break

Scientific Program

Friday, 6th December 2019

Upper Extremity



16:30-17:30

REVISION TKA

Chair: A. Kostakos, A. Georgoulis

Surgical exposures in revision TKA
S. Papadakis

Implant choice: How much constrained?
A. Kostakos

Management of bone loss: TM augments and cones
E. Chronopoulos

Stem length and type of fixation (cemented vs uncemented) in revision setting
N. Zaharakis

Infected TKA
G. Triantafylopoulos

Periprosthetic knee fractures
K. Tilkeridis

17:30-17:45

KEY NOTE SPEECH

Chair: E. Tsiridis, F. Sayegh

Navigation and robotics in arthroplasty
V. Bitounis

17:45-18:30

EXPERTS MEET THE EXPERTS

Chair: B. Atilla, R. Tikhilov

Experts: **S. Sturridge, N. Zaharakis, E. Tsiridis, S. Bondarenko**

Surgical exposures in revision TKA

Post-traumatic complex arthroplasty



MAST

6th MASTERCLASS in
ARTHROPLASTY SURGERY THESSALONIKI

Scientific Program

Friday, 6th December 2019

Upper Extremity



18:30-19:30

CURRENT TRENDS IN HIP AND KNEE ARTHROPLASTY

Chair: G. Babis, G. Petsatodis

Outpatient arthroplasty

J.A. Epinette

Aspirin vs thromboprophylaxis

S. Sourmelis

Blood and pain management

G. Drosos

Nerve blocks vs LIA

E. Gkiouzomitrou, M. Varveri

Scientific Program

Saturday, 7th December 2019

The Hip Day



08:30-09:30

HIP PRESERVATION

Chair: E. Tsiridis, S. Steppacher

Surgical algorithm in treatment of DDH

C. Topalis

AVN of the young hip: diagnosis and management

N. Laliotis

Painful young adult hip: role and boundaries of hip arthroscopy

L. Poultsides

Surgical hip dislocation: when and how?

P. Christofilopoulos

Periacetabular osteotomy: the Bernese experience

S. Steppacher

09:30-10:00

EXPERTS MEET THE EXPERTS - HIP PRESERVATION

(Video and Radiology case presentation)

Chair: P. Christofilopoulos, S. Steppacher

Experts: E. Tsiridis, S. Sturridge, B. Atilla, L. Poultsides,

C. Topalis

PAO

Surgical hip dislocation

10:00-10:30

Coffee Break

10.30-10.45

KEY NOTE SPEECH

Chair: E. Tsiridis

The dilemma when THA is the only option left in the adolescent, young patient

P. Kjærsgaard-Andersen



MAST

6th MASTERCLASS in
ARTHROPLASTY SURGERY THESSALONIKI

Scientific Program

Saturday, 7th December 2019

The Hip Day



10:45-11:45

THE COMBAT OF APPROACHES IS OVER - SPINO-PELVIC CONCEPT

(Video based presentations)

Chair: A. Beris, A. Christodoulou

Mini anterior vs mini posterior: question answered
V. Bitounis

THA through the anterior approach: pros and cons
P. Christofilopoulos

Spino-pelvic instability: how to do
L. Poultsides

Primary THA in previous hip surgery - Proximal femoral deformity
A.M. Tokgözoğlu

Intraoperative acetabular and femoral fractures: fix the enemy
P. Kinov

Component malposition, dislocation and leg length discrepancy
P. Dionelis

11:45-12:45

REGISTRY RESULTS AND ADVANCES TECHNOLOGIES

Chair: P. Kjærsgaard-Andersen, F. Sayegh

The British arthroplasty registry and the cemented hip paradox
J. Charity

The arthroplasty registry overview of Thessaloniki
E. Kenanidis

The Swedish and Nordic registry results
M. Mohaddes

Dual mobility current concepts
J.A. Epinette

Scientific Program

Saturday, 7th December 2019

The Hip Day



12:45-13:00

KEY NOTE SPEECH

Chair: E. Tsiridis

The quest for prevention and cure for osteoarthritis of the knee and hip

G. Bentley

13:00-13:30

EXPERTS MEET THE EXPERTS - COMPLEX PRIMARY THA

(Video and Radiology case presentation)

Chair: E. Tsiridis, G. Ullmark

Experts: **M. Mohaddes, G. Babis, B. Atilla, A.M. Tokgözoğlu, R. Tikhilov**

Proximal femoral deformity

DDH

Post traumatic THA

13:30-14:00

LUNCH BREAK - SATELLITE LECTURE

Chair: E. Tsiridis

Managing the acute postoperative pain

E. Kenanidis

Sponsored by  Menarini Hellas

14:00-15:00

YOUNG ADULT THA FOR DDH AND ACETABULAR REVISION TECHNIQUES

(Video based presentations)

Chair: **P. Megas, G. Drosos**

DDH: dealing with the socket and the stem

A.M. Tokgözoğlu

Classification of the acetabular and femoral defects

S. Bondarenko

How to remove cemented and uncemented sockets

S. Sturridge

Trabecular metal vs solid allograft vs impaction grafting

G. Ullmark

Jumbo socket, cup-on-cup and cup cage

G. Macheras



MAST

6th MASTERCLASS in
ARTHROPLASTY SURGERY THESSALONIKI

Scientific Program

Saturday, 7th December 2019

The Hip Day



15:00-16:00

STEM AND ACETABULAR REVISION

(Video based presentations)

Chair: A.M. Tokgözoğlu, S. Sturridge

Distraction for chronic pelvic dissociation and custom triflanges

G. Babis

ETO: how to do it and new concepts

G. Megas

Femoral impaction grafting technique

J. Charity

Modular distal tapered anatomical stems vs monolithic Wagner
PK L. Chan

Instability and how to reconstruct the abductors

E. Kenanidis

16:00-16:30

Coffee Break

16:30-17:30

HIP COMPLICATIONS UPDATE 2019

Chair: G. Kapetanos, T. Koukoupis

Diagnostic markers and an algorithm to approach the problem

G. Digas

Microbial profile, biofilm and indications for DAIR

G. Ioannides

Stage one vs stage two: when and how

N. Zaharakis

Periprosthetic acetabular, femoral and knee fractures

L. Massari

How to manage dislocation: constraint, dual mobility, PLAD

M. Mohaddes

Scientific Program

Saturday, 7th December 2019

The Hip Day



17:30-18:00

EXPERTS MEET THE EXPERTS - THA REVISION

(Video and Radiology case presentation)

Chair: E. Tsiridis, P. Kjærsgaard-Andersen

Experts: P. Megas, R. Tikhilov, G. Macheras, A.M. Tokgözoğlu,
G. Babis

Acetabular reconstruction

Femoral reconstruction

18:00-19:00

REACHING THE LIMITS IN ARTHROPLASTIES. TUMOURS AND HAEMOPHILIA

Chair: E. Tsiridis, M. Potoupnis, K. Papavasiliou

Total joint replacement in hemophilia patients: 20 years
experience of a single center

L. Solimeno

Distal femur arthroplasty in adults with musculoskeletal
tumours

P. Gikas

Tumour prosthesis around the knee in the developing skeleton

V. Kontogeorgakos

Mega-prostheses in musculoskeletal oncology. What could go
wrong

K. Papavasiliou

DOCK SIX II Hall

19:00-19:30

BOOK PRESENTATION BY SPRINGER

The adult hip-master case series and techniques

Editor: Prof. E. Tsiridis

Presenters: E. Kenanidis, M. Potoupnis



MAST

6th MASTERCLASS in
ARTHROPLASTY SURGERY THESSALONIKI

Scientific Program

Saturday, 7th December 2019

**MAST6 Honorary
Awards**



G. Bentley

Honorary Professor of Orthopaedics

P. Kjaersgaard-Andersen

Visiting Professor of Orthopaedics

G. Kapetanos

Lifetime Achievement in Academic Orthopaedic Surgery

F. Sayegh

Professor Emeritus

V. Bitounis

Outstanding Performance and Excellence in Joint Arthroplasty Surgery

Scientific Program

Sunday, **8th** December 2019

**Practical hands on sessions
and fellowship exams**

08:00-09:00 **EXAMINATIONS
FOR THE TSIRIDIS FRIMLEY PARK ORTHOPAEDIC FELLOWSHIP**

09:00-09:30 **INTERVIEWS
FOR THE TSIRIDIS FRIMLEY PARK ORTHOPAEDIC
FELLOWSHIP UK AND HELLENIC FACULTY**

09:00-13:00 **HANDS ON WORKSHOP**

09:00-10:30 *1st Session*

10:30-11:00 **Coffee Break**

11:00-12:30 *2nd Session*

Faculty:

S. Adam, S. Bondarenko, P. Christofilopoulos, E. Chronopoulos, G. Digas, P. Dionellis, G. Drosos, I. Ferousis, N. Galanis, P. Gikas, G. Ioannidis, E. Kenanidis, A. Lilikakis, A. Leonidou, V. Makris, V. Nikolaou, P. Papadopoulos, K. Papavasiliou, I. Polyzois, L. Poultsides, S. Sturridge, K. Tilkeridis, C. Topalis, G. Triantafyllopoulos, N. Zaharakis

Instructors:

EXETER HIP: J. Charity, S. Sturridge, E. Kenanidis, C. Topalis, G. Triantafyllopoulos

REVISION HIP/Figure of seven: A. Lilikakis, P. Dionellis

Tantalum augments: G. Digas, S. Bondarenko

Modular stem Revision stem: E. Chronopoulos, K. Tilkeridis, K. Papavasiliou

KNEE REVISION/CCK: V. Nikolaou, G. Ioannides, V. Makris

Augment Femur Tibia: G. Drosos, L. Poultsides, V. Makris

REVERSE Shoulder: I. Sarris, K. Ditsios, I. Polyzois, P. Giannakopoulos, A. Leonidou, I. Alafropatis

Hip revision: modular stems, socket
trabecular augments, figure of 7

by  ZIMMER BIOMET  Rontis

Knee revision: CCK and trabecular augment /
cones

by  ZIMMER BIOMET

Exeter Hip Course: cemented THA technique
(Exeter certificate)

by  Rontis

VR training in arthroplasty THA TKA

Reverse shoulder arthroplasty

by  ZIMMER BIOMET  DePuySynthes

Each candidate can attend maximum 2 practicals

Please refer to the website www.mastcourse.com regarding your workshop allocation and timing. We would appreciate you following the strict timing of the masterclass



Oral Presentations

Friday, 6th December 2019
08:00-09:00

Oral Presentations

**01 SHOULDER HEMIARTHROPLASTY FOR THE SEQUALAE OF COMPLEX PROXIMAL HUMERAL FRACTURES**

Panagopoulos A., Tatani I., Athanasopoulos D., Avramidis D., Tyllianakis M.
University Hospital of Patras

02 COMBINED PERIARTICULAR AND INTRAVENOUS STEROID INJECTION REDUCE EARLY POSTOPERATIVE PAIN AFTER TOTAL KNEE ARTHROPLASTY: A PROSPECTIVE DOUBLE-BLINDED PLACEBO-CONTROLLED RANDOMIZED CONTROLLED TRIAL

Chan PK., Chan Cw., Cheung Cw., Chung Yf., Yan Ch., Chiu K.Y.
Queen Mary Hospital, The University of Hong Kong

03 RADIOFREQUENCY GENICULAR NERVE NEUROLYSIS VERSUS INTRA-ARTICULAR PULSED RADIOFREQUENCY FOR THE TREATMENT OF KNEE OSTEOARTHRITIS RELATED PAIN. PRELIMINARY, SHORT-TERM RESULTS

Petsatodis E.¹, Agathagelidis F.², Galanis S.¹, Giankoulof Ch.¹, Givissis P.²
¹ Radiology Department, G. Papanikolaou General Hospital, Thessaloniki, Greece, ² 1st Department of Orthopaedic Surgery, Aristotle University of Thessaloniki, Greece

04 TOTAL ANKLE REPLACEMENT - 3 YEARS FOLLOW-UP

Gkoumousian K., Petrakis I., Enfietzoglou P., Eleftheropoulos A.
Naousa General Hospital, Greece

05 HIP ARHTROPLASTY IN THE PRESENCE OF RETAINED HARDWARE IN THE FEMUR. TECHNICAL DIFFICULTIES AND TIPS TO OVERCOME THEM

Agathagelidis F., Chatziliadis G., Nikoltsios A., Giampoldakis P., Givissis P.
1st Orthopaedic Department, G. Papanikolaou General Hospital, Thessaloniki, Greece

06 GENETIC PREDISPOSITION TO DEVELOPMENTAL DYSPLASIA OF THE HIP

Kenanidis E., Kakoulidis P., Gkekas N. K., Karasmani A., Christofilopoulos P., Potoupnis M., Tsiridis E.
Academic Orthopaedic Department, Papageorgiou General Hospital

07 DIRECT SUPERIOR APPROACH WITH STANDARD INSTRUMENTATION FOR TOTAL HIP ARTHROPLASTY: SAFETY AND EFFICACY IN A PROSPECTIVE 200-CASE SERIES

Kakoulidis P., Kenanidis E., Potoupnis M., Tsiridis E.
Academic Orthopaedic Department, Papageorgiou General Hospital

E-Posters

Friday, 6th December 2019
08:00-09:00

E - Posters



- P1 PROGRESSIVE IMPLEMENTATION OF THE FAST - TRACK PROGRAM AFTER HIP AND KNEE ARTHROPLASTY**
Kougioumtzis I., Tottas St., Riziotis G., Ververidis A., Tilkeridis K., Tripsianis G., Drosos G.
University Orthopaedic Department, Democritus University of Thrace, University Hospital of Alexandroupoli, Greece
- P2 DISCHARGE CRITERIA AND LENGTH OF STAY IN HOSPITAL AFTER TOTAL HIP OR KNEE ARTHROPLASTY**
Kougioumtzis I., Tottas St., Riziotis G., Ververidis A., Tilkeridis K., Tripsianis G., Drosos G.
University Orthopaedic Department, Democritus University of Thrace, University Hospital of Alexandroupoli, Greece
- P3 EXTRA-ARTICULAR RESECTION WITH EXTENSOR MECHANISM PRESERVATION AND APPLICATION OF TUMOR PROSTHESIS FOR THE TREATMENT OF INTRAOSSEOUS LEIOMYOSARCOMA OF THE KNEE WITH PATHOLOGICAL FRACTURE**
Panagopoulos A.
University Hospital of Patras
- P4 CLASSIFICATION OF ACETABULAR LABRAL TEARS: A RETROSPECTIVE STUDY ON PATIENTS EXAMINED WITH DIRECT MR ARTHROGRAPHY**
Gklara P., Perdikakis E.
424 GMTH Military Hospital
- P5 POST TOTAL KNEE REPLACEMENT PAIN RELIEF WITH RADIOFREQUENCY GENICULAR NERVE NEUROLYSIS**
Petsatodis E.¹, Agathangelidis F.², Galanis S.¹, Kalinderis A.², Givissis P.²
¹ Radiology Department, G. Papanikolaou General Hospital, Thessaloniki, Greece ² 1st Department of Orthopaedic Surgery, Aristotle University of Thessaloniki, Greece
- P6 RHEUMATOID ARTHRITIS AND TOTAL KNEE ARTHROPLASTY: A CASE STUDY PHYSIOTHERAPY ASSESSMENT**
Stergiou M., Stergiou F.
Ma.Ster Physio
- P7 PRIMARY HIP REPLACEMENT FOLLOWING COMMUNUTED ACETABULAR FRACTURE IN A POLYTRAUMA PATIENT**
Agathangelidis F., Giannaros I., Vasiadis I., Mpitopoulos A., Givissis P.
1st Orthopaedic Department, Papanikolaou Hospital, Thessaloniki, Greece



MAST

6th MASTERCLASS in
ARTHROPLASTY SURGERY THESSALONIKI

International Faculty

A

Atilla B.

Professor of Orthopaedic Surgery and Traumatology, Hacettepe University, Dpt. of Orthopaedics and Traumatology, Ankara, Turkey

B

Baratz M.

Professor of Orthopaedic Surgery, University of Pittsburg, UK

Bentley G.

Emeritus Professor and Director, Institute of Orthopaedics and Musculo-Skeletal Science, University College, London, UK, Past President of EFORT

Bondarenko S.

Assoc. Professor, Head Research Scientist, Department of Joint Pathology, Sytenko Institute of Spine and Joint Pathology, Ukraine

C

Chan L. PK

Associate Consultant, Division of Joint Replacement Surgery, Department of Orthopaedics & Traumatology, Queen Mary Hospital, Honorary Clinical Assistant Professor, Department of Orthopaedics & Traumatology, The University of Hong Kong

Charity J.

Consultant Orthopaedic Surgeon, Elective and Trauma Hip Surgery, Princess Elizabeth Orthopaedic Centre, Exeter, UK

Christofilopoulos P.

Chief Orthopaedic Surgeon, Hôpital de La Tour, Geneva, Switzerland

E

Epinette J.-A.

Consultant Orthopaedic Surgeon, Hip & Knee Reconstructive Surgery, President of the European Hip Society (EHS), Past-President of the French Hip & Knee Surgery (SFHG), France

G

Gikas P.

Consultant Orthopaedic and Sarcoma Surgeon, RNOH, Stanmore, London, UK

K

Kinov P. S.

Professor of Orthopedic Surgery, Head Department of Orthopedics, University Hospital Queen Giovanna - ISUL, Bulgaria

Kjaersgaard-Andersen Per

Assoc. Professor of Orthopaedic Surgery, Vejle Hospital, South Danish University, Denmark, President of EFORT 2018

Kyriakidis Th.

Consultant Orthopaedic Surgeon, Department of Orthopaedic and Traumatology, Erasme University Hospital, Brussels, Belgium

International Faculty

L

Leonidou A.

Consultant Orthopaedic Surgeon, East Kent Hospital, NHS Foundation Trust, UK, Athens Medical Centre, Athens, Hellas

Logan S.

Chief Engineer, Senior Manager Knees & Robotics, Stryker, USA

M

Massari L.

Professor of Orthopaedic Surgery, Direttore Clinica Ortopedica e Traumatologica Università di Ferrara, Az. Osp.-Univ. S. Anna - Ferrara, Italy

Mohaddes M.

Assoc. Professor, Consultant Orthopaedic Surgeon, University of Gothenburg, Sahlgrenska University Hospital, Sweden

P

Pokorny D.

Professor of Orthopaedic Surgery, Charles University, Prague, Czech Republic

Polyzois I.

Consultant Orthopaedic Surgeon, Shoulder & Upper Limb Specialist, Rowley Bristow Unit ASPH NHS Trust, Surrey Orthopaedic Clinic, Reading Shoulder Unit, UK

S

Schmidt C.

Professor of Orthopaedic Surgery, Director Shoulder and Elbow Fellowship, Department of Orthopaedic Surgery, University of Pittsburgh Medical Center, USA

Solimeno L.

Professor of Orthopaedic Surgery, Director of Ortho-Trauma Department, Rare Disease Service, Ca' Granda Foundation, IRCCS Policlinico Hospital, Milan, Italy

Steppacher S. D.

Assoc. Professor, Privatdozent, Department of Orthopaedic Surgery and Traumatology, Inselspital, University Hospital Bern, Switzerland

Sturridge S.

Consultant Orthopaedic Surgeon, Frimley Park Hospital, UK

T

Tikhilov R.

Professor of Orthopaedic Surgery, Director of the Russian Scientific Research Institute of Traumatology and Orthopedics, Saint Petersburg, Russia

Tokgözoğlu A. M.

Chairman and Professor of Orthopedics and Traumatology, Hacettepe University Faculty of Medicine, Department of Orthopedics and Traumatology, Past-President European Hip Society, Turkey

U

Ullmark G.

Professor of Orthopaedic Surgery, Consultant Orthopaedic Surgeon, Orthopedic Department, Gävle, Sweden



MAST

6th MASTERCLASS in ARTHROPLASTY SURGERY THESSALONIKI

Hellenic Faculty

A

Adam S.

Consultant Orthopaedic Surgeon,
Clinical Associate, Academic
Orthopaedic Department,
Papageorgiou General Hospital,
Thessaloniki, Hellas

Alafropatis I.

Consultant Orthopaedic Surgeon,
Clinical Associate, Academic
Orthopaedic Department,
Papageorgiou General Hospital,
Thessaloniki, Hellas

Antonogiannakis E.

Consultant Orthopaedic Surgeon,
Director of the 3rd Orthopaedic Clinic,
Hygeia Hospital, Athens, Hellas

B

Babis G.

Professor of Orthopaedics,
Chairman of the 2nd Orthopaedic
Department, National & Kapodistrian
University of Athens, Head of Surgery
Sector of Konstantopouleio General
Hospital, Athens, Hellas

Beletsiotis A.

Consultant Orthopaedic Surgeon,
Director NHS Orthopaedic Clinic,
Papageorgiou General Hospital,
Thessaloniki, Hellas

Beris A.

Professor of Orthopaedics, University
of Ioannina, Interbalkan Medical
Center, Thessaloniki, Hellas

Bitounis V.

Senior Consultant Orthopaedic
Surgeon, Athens Medical Center,
Athens, Visiting Professor
Papageorgiou General Hospital,
Thessaloniki, Hellas

C

Christodoulou A.

Professor of Orthopaedic Surgery,
Aristotle University of Thessaloniki,
Thessaloniki, Hellas

Chronopoulos E.

Assoc. Professor of Orthopaedics,
National and Kapodistrian University
of Athens, Hellas

Christoforides I.

Emeritus Professor of Orthopaedic
Surgery, Aristotle University
of Thessaloniki, Hellas

D

Digas G.

Consultant Orthopaedic Surgeon,
Director of the Orthopaedic
Department, General Hospital
of Xanthi, Hellas

Dionelis P.

Consultant Orthopaedic Surgeon,
Ippokration General Hospital of
Thessaloniki, Hellas

Ditsios K.

Assoc. Professor in Orthopaedics,
Aristotle University of Thessaloniki,
2nd Orthopaedic Department,
G. Gennimatas General Hospital,
Hellas

Drosos G.

Assoc. Professor and Chairman of
Orthopaedics, Academic Department
of Orthopaedic Surgery, Democritus
University of Thrace, University
General Hospital of Alexandroupolis,
Hellas

Hellenic Faculty

F

Feroussis I.

Senior Orthopaedic Consultant, Head Shoulder Unit, Asklepieion Voulas Hospital, Athens, Hellas

G

Georgoulis A.

Professor of Orthopaedic Surgery, University of Ioannina, Hygeia and Metropolitan Hospital, Athens, Hellas

Giannakopoulos P.

Senior Orthopaedic Consultant, Athens Medical Center, Athens, Hellas

Gigis I.

Assoc. Professor of Orthopaedics, Aristotle University of Thessaloniki, 2nd Orthopaedic Department, G. Gennimatas General Hospital, Hellas

Givissis P.

Professor and Chairman of Orthopaedic Surgery, 1st Orthopaedic Department, Papanikolaou General Hospital, Aristotle University of Thessaloniki, Thessaloniki, Hellas

Gkiouzomitrou E.

Deputy Director, Department of Anaesthesiology, Papageorgiou General Hospital, Thessaloniki, Hellas

I

Ioannides G.

Consultant Orthopaedic Surgeon, Clinical Associate, Academic Orthopaedic Department, Papageorgiou General Hospital, Thessaloniki, Hellas

K

Kapetanos G.

Emeritus Professor in Orthopaedics, Aristotle University of Thessaloniki, Hellas

Kenanidis E.

Consultant Orthopaedic Surgeon, Academic and Clinical Associate, Academic Orthopaedic Department, Papageorgiou General Hospital and ICAROS - Center for Arthroplasty and Robotics, Thessaloniki, Hellas, Honorary Senior Research Associate, UCL, Department of Mechanical Engineering, London, UK

Kontogeorgakos V.

Assistant Professor of Orthopaedic Surgery, National and Kapodistrian University of Athens, Hellas

Kostakos A.

Senior Consultant Orthopaedic Surgeon, KAT Hospital Athens, Hellas

Koukoupis T.

Consultant Orthopaedic Surgeon, Interbalkan Medical Center, Thessaloniki, Hellas

L

Laliotis N.

Senior Consultant Orthopaedic and Paediatric Surgeon, Interbalkan Medical Center, Thessaloniki, Hellas

Lilikakis A.

Consultant Orthopaedic Surgeon, Athens, Hellas



MAST

6th MASTERCLASS in ARTHROPLASTY SURGERY THESSALONIKI

Hellenic Faculty

M

Macheras G.

Senior Consultant Orthopaedic Surgeon, KAT Hospital, Athens, Hellas, Visiting Professor, Papageorgiou General Hospital

Makris V.

Senior Consultant Orthopaedic Surgeon, Academic Orthopaedic Department, Papageorgiou General Hospital, Thessaloniki, Hellas

Megas P.

Professor of Orthopaedic Surgery, University of Patras, Hellas

N

Nikolaou V.

Assist. Professor of Orthopaedics, National and Kapodistrian University of Athens, Hellas

P

Papadakis S.

Senior Consultant Orthopaedic Surgeon, Head, B´ Orthopaedic Department, KAT Hospital, Athens, Hellas

Papadopoulos P.

Professor and Chairman of the 2nd Orthopaedic Department, G. Gennimatas General Hospital, Thessaloniki, Hellas

Papavasiliou K.

Consultant Sarcoma & Orthopaedic Surgeon, Academic Orthopaedic Department, Papageorgiou General Hospital, Thessaloniki, Hellas

Petsatodis G.

Emeritus Professor of Orthopaedic Surgery, Aristotle University of Thessaloniki, Hellas

Potoupnis M.

Assoc. Professor and Vice Chairman of Orthopaedic Surgery, Aristotle University of Thessaloniki, Academic Orthopaedic Department, Papageorgiou General Hospital, Thessaloniki, Hellas

Poultides L.

Assist. Professor of Orthopaedics, Aristotle University of Thessaloniki, Academic Orthopaedic Department, Papageorgiou General Hospital, Thessaloniki, Hellas

S

Sarris I.

Assoc. Professor and Vice Chairman of Orthopaedic Surgery, Aristotle University of Thessaloniki, Academic Orthopaedic Department, Papageorgiou General Hospital, Thessaloniki, Hellas

Savidou O.

Assoc. Professor of Orthopaedics, National and Kapodistrian University of Athens, Hellas

Sayegh F.

Emeritus Professor of Orthopaedic Surgery, Aristotle University of Thessaloniki, Thessaloniki, Hellas

Sourmelis S.

Senior Consultant Orthopedic Surgeon, 1st Orthopedic Department, Hygeia Hospital, Athens, Hellas

Hellenic Faculty

Sinopidis C.

Consultant Orthopaedic Surgeon, Academic and Clinical Associate, 1st Orthopaedic Department, G. Papanikolaou General Hospital, Aristotle University of Thessaloniki & Interbalkan Centre, Thessaloniki, Hellas

T

Tilkeridis K.

Assist. Professor in Orthopedics and Traumatology, Democritus University of Thrace, Hellas

Topalis C.

Consultant Orthopaedic and Paediatric Surgeon, Academic and Clinical Associate, Academic Orthopaedic Department, Papageorgiou General Hospital and ICAROS - Center for Arthroplasty and Robotics, Thessaloniki, Hellas

Triantafyllopoulos G.

Consultant Orthopaedic Surgeon, Athens, Hellas

Tsiridis E.

Professor & Chairman of Orthopaedic Surgery, Head of Adult Joint Reconstruction, Director of CORE Lab & ART Registry, Academic Orthopaedic Department, Papageorgiou General Hospital, Aristotle University Medical School, Thessaloniki, Hellas, Visiting Professor, UCL London, UK, Secretary General European Hip Society, Director, ICAROS - Center for Arthroplasty and Robotics

V

Varveri M.

Consultant Anaesthesiologist, Papageorgiou General Hospital, Thessaloniki, Hellas

Z

Zaharakis N.

Senior Consultant, Head, 2nd Orthopaedic Department, G. Gennimatas Hospital, Athens, Hellas



Index of Authors

A

Agathagelidis F. O3, O5, P5, P7
Athanasopoulos D. O1
Avramidis D. O1

C

Chan Cw. O2
Chan PK. O2
Chatziliadis G. O5
Cheung Cw. O2
Chiu K.Y. O2
Christofilopoulos P. O6
Chung Yf. O2

D

Drosos G. P1, P2

E

Eleftheropoulos A. O4
Enfietzoglou P. O4

G

Galanis S. O3, P5
Giampoldakis P. O5
Giankoulof Ch. O3
Giannaros I. P7
Givissis P. O3, O5, P5, P7
Gkekas N. K. O6
Gklara P. P4
Gkoumousian K. O4

K

Kakoulidis P. O6, O7
Kalinderis A. P5
Karasmani A. O6
Kenanidis E. O6, O7

Kougoumtzis I. P1, P2

M

Mpitopoulos A. P7

N

Nikoltsios A. O5

P

Panagopoulos A. O1, P3
Perdikakis E. P4
Petrakis I. O4
Petsatodis E. O3, P5
Potoupnis M. O6, O7

R

Riziotis G. P1
Riziotis G. P2

S

Stergiou F. P6
Stergiou M. P6

T

Tatani I. O1
Tilkeridis K. P1, P2
Tottas St. P1, P2
Tripsianis G. P1, P2
Tsiridis E. O6, O7
Tyllianakis M. O1

V

Vasiadis I. P7
Ververidis A. P1, P2, O2



DIZG DEUTSCHES INSTITUT FÜR ZELL- UND GEWEBEERSATZ
German Institute for Cell and Tissue Replacement



ADVANCING
THE WORLD OF TISSUE
TRANSPLANTATION

TRANSPLANTS
FOR SPORTS MEDICINE

www.dizg.de/en

regenlab 



PRP[®] TECHNOLOGY

ΑΡΘΡΩΣΙΣ Α.Ε.
www.arthrosis.gr e-mail: info@arthrosis.gr

 IsoTis

Strand™



Strand™

Demineralized Bone Fibers

ΑΡΘΡΩΣΙΣ Α.Ε.
www.arthrosis.gr e-mail: info@arthrosis.gr

Strand™

Demineralized Bone Fibers

The Strand fibers were developed through a disciplined R&D process that evaluated a variety of fiber geometries to deliver osteoinductivity, osteoconductivity, intraoperative handling and controlled expansion. Strand is 100% demineralized bone fibers designed to unleash the bone forming capacity and fusion potential.

FEATURES



100% Demineralized Bone Fibers

- No added fillers for maximum bone content
- Specific fiber geometry selected from a wide range of configurations based upon preferred handling, placement, expansion, and bone forming capacity¹
- Delivers osteoconductive scaffold with osteoinductive potential

Cellular Highways

- Fibers have demonstrated superior bone forming capacity vs. standard particulate DBM^{1,2}
- Entangled fibers provide a three-dimensional interconnected network to promote cell migration and fusion
- Strand fibers purposefully selected to maximize the osteoconductive performance¹

Moldable and Cohesive

- Controlled demineralized bone fiber geometry provides exceptional handling properties

Expands to Fill Gaps

- Wicks blood, bone marrow and other physiological fluids which allows graft to expand to improve fill

Procedural Integration with RAPID™

- Predictable and controlled delivery for optimal graft placement
- Increased OR efficiencies



Strand Ordering Information

| Product Volume | Part Number |
|----------------|-------------|
| X-Small (1cc) | 02-7000-010 |
| Small (2.5cc) | 02-7000-025 |
| Medium (5cc) | 02-7000-050 |
| Large (10cc) | 02-7000-100 |



Refer to Instructions for Use for indications and important safety information



For more information or to place an order, please contact:
Phone: 866.942.8698 | Fax: 800.471.3248
Irvine.customerservice@SeaSpine.com | SeaSpine.com

[1] Data on file

[2] Martin G.J., Boden S.D., et al. New formulations of demineralized bone matrix as a more effective graft alternative in experimental posterolateral lumbar spine arthrodesis. Spine, 1999 Apr 1;24(7):637-45.

Warning: Applicable laws restrict these products to sale by or on the order of a physician.

SeaSpine and the SeaSpine logo are registered trademarks of SeaSpine Orthopedics Corporation or its subsidiaries in the United States and/or other countries. IsoTis and Strand are trademarks of SeaSpine Orthopedics Corporation or its subsidiaries in the United States and/or other countries. ©2017 SeaSpine Orthopedics Corporation. All rights reserved. D0001373A 2017-10 03

Manufactured by:

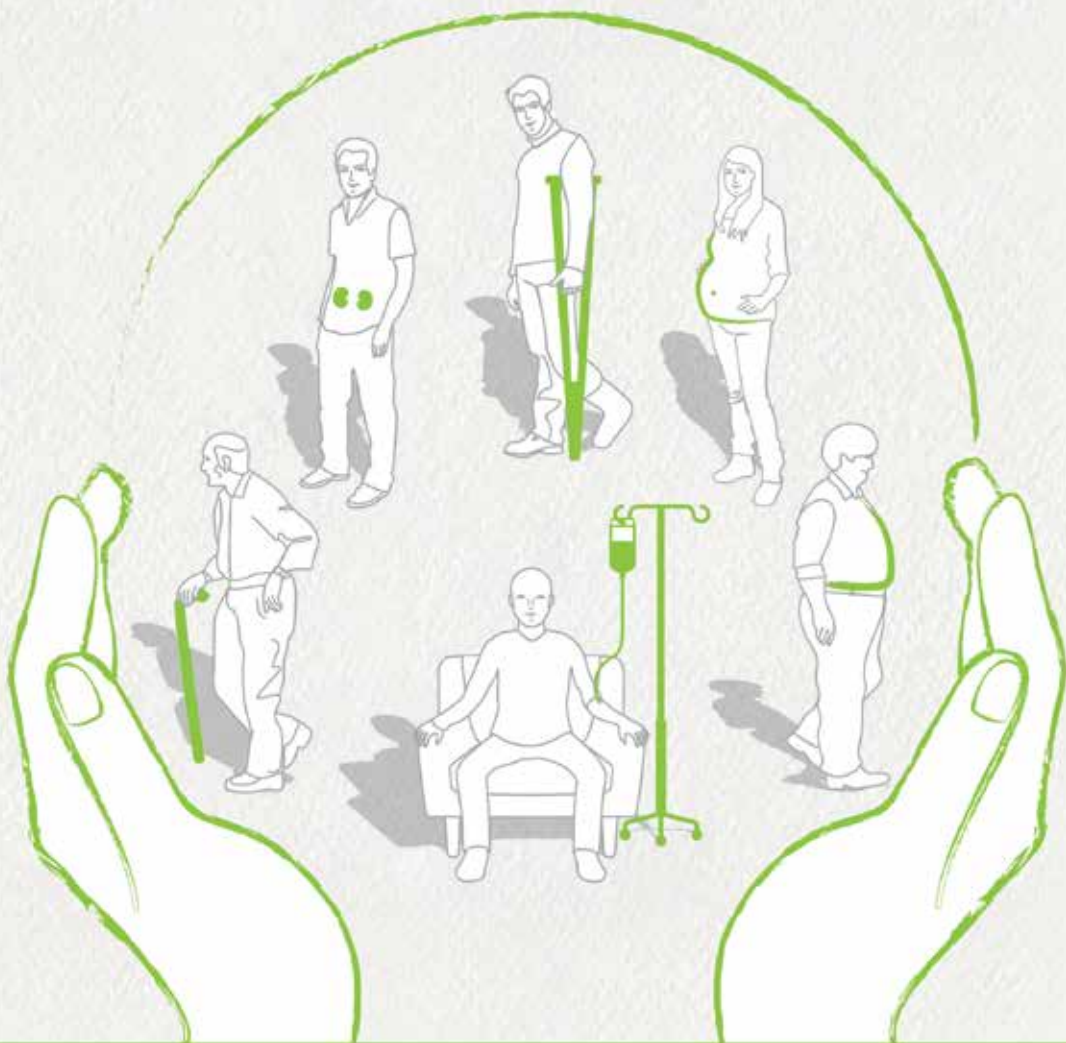


IsoTis OrthoBiologics, Inc.
2 Goodyear, Irvine CA 92618
Phone 800.550.7155 | Fax 800.471.3248 | SeaSpine.com
IsoTis OrthoBiologics, Inc. is a member of the SeaSpine Orthopedics Corporation family of companies.
Made in the U.S.A.

ΑΡΘΡΩΣΙΣ Α.Ε.
www.arthrosis.gr e-mail: info@arthrosis.gr

innohep[®]

tinzaparin sodium



...ιδιαιτέρη φροντίδα

Για πλήρεις συνταγογραφικές πληροφορίες επικοινωνήστε με την:

LEO Pharmaceuticals Hellas S.A.

Λ. Κύμης & Σενέκα 10, 14564 - Κηφισιά, Τηλ. 212 2225000, Fax. 210 6834342 <http://www.leo-pharma.gr>





General Information

Masterclass Dates and Venue

December 6th - 8th, 2019

Porto Palace Hotel, Thessaloniki, Greece

(65, 26th Octovriou Avenue, T. +30 2310 504504, F. +30 2310 540384 E. info@portopalace.gr)

Official Language

English will be the official language of the Masterclass and no simultaneous translation will be provided.

CME Accreditation

The Masterclass will be accredited with CME by the European Accreditation Council for Continuing Medical Education (EACCME®).

Certificate of Attendance

According to the European Accreditation Council for Continuing Medical Education (EACCME®), each medical specialist should claim only those credits that he/she actually spent in the educational activity. Certificates will be sent electronically after the end of the Masterclass.

Masterclass Badge

Delegates are obliged to show their masterclass badge at the entrance of Masterclass Hall for their attendance time to be registered.

Barcode

A bar code system will be implemented during the Masterclass, to register the general participation of all delegates.

Exhibition

Within the Symposium area there will be an exhibition of medical equipment and pharmaceutical products.

Presentations

Available visual equipment for all presentations will be through power point presentation. For powerpoint use, your presence to the "technical reception desk" is required one hour prior to the time of your presentation in order to check the compatibility of your cd or usb stick and to copy the relevant files. Use of personal computers will not be feasible.

Currency

Greece's monetary unit is the Euro. No other currency is accepted and it is best to exchange dollars or other currency at a bank. The exchange rates are all the same throughout the country and you exchange money at a bank or official exchange shop where you will get the best running rates. Banks are open from 9:00 AM until 2:00 PM.



MAST

6th MASTERCLASS in ARTHROPLASTY SURGERY THESSALONIKI

General Information

Registration Fees

| Registration Type | Cost |
|--|-------|
| Specialists | 220 € |
| Residents | 170 € |
| Physiotherapists/Nurses | 70 € |
| Undergraduate Students | FREE |
| Workshop* HIP REVISION | 120 € |
| Workshop* KNEE REVISION | 120 € |
| Workshop* EXETER HIP COURSE | 120 € |
| Workshop* REVERSE SHOULDER ARTHROPLASTY | 120 € |
| Workshop* VR TRAINING | 120 € |
| ALL DAY VIDEO SURGERY** | 40 € |

Above rates include VAT 24%

In order to participate to the Workshops each participant must first proceed with a registration.

* Each participant may register for no more than 2 Workshops. Early registration for 2 Workshops: 170 €

** The fee for the all-day video surgery corresponds to one ticket per person for the whole day.

Registration fees for Specialists, Residents and Physiotherapists/Nurses include:

- Admission to the Masterclass
- Certificate of attendance
- Masterclass material
- Admission to the exhibition

Registration fees for Undergraduate Students include:

- Admission to the Masterclass
- Admission to the exhibition
- Certificate of attendance

Masterclass Secretariat



THESSALONIKI.

50A Stadiou Str., 55534 Pylea, Thessaloniki

T: +302310 247743, +302310 247734 F: +302310 247746, Email: info@globalevents.gr

ATHENS.

2 Valestra str. & 168 A. Syngrou Avenue, 17671 Kallithea, Athens, Greece

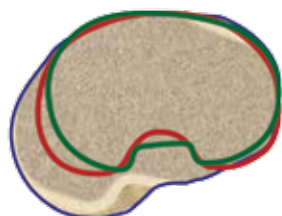
T: +30210 3250260 F: +302310 247746, Email: athens@globalevents.gr

www.globalevents.gr

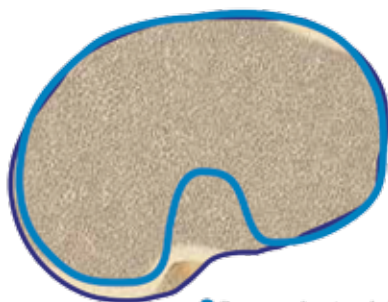
SHAPE MATTERS

Achieve Both

Proper Rotation

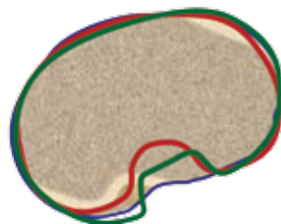


- Asymmetric Tibia
- Symmetric Tibia



● Persona Anatomic Tibia

Maximum Coverage



- Asymmetric Tibia
- Symmetric Tibia

Persona[®]
THE PERSONALIZED KNEE

The shape of other tibias impose a choice between proper rotation and bone coverage. This leads to variability in rotational alignment. This is important, because several studies have shown a correlation between mal-rotation and anterior knee pain.¹⁻⁴

Mal-rotation of implants may lead to over **50% of painful TKA cases.**⁵

Anatomic shape of the Persona Tibia is designed to achieve proper rotation and optimal coverage, resulting in:

Statistically significant **decrease** in anterior knee pain *in vivo*⁷

92%
bone coverage⁸

Statistically significant improvement in medial plateau fit for Asian populations⁹

Lower incidence of downsizing⁹

3% vs. 50%
anatomic non-anatomic



ZIMMER BIOMET
Your progress. Our promise.[®]

To learn more visit zimmerbiomet.com.

1. Nicoll, D. and Rowley, D.I. Internal rotational error of the tibial component is a major cause of pain after total knee replacement. *Journal of Bone and Joint Surgery (British)* 92-B:1238-44, 2010. 2. Barrack, Robert L., et al. Component Rotation and Anterior Knee Pain After Total Knee Arthroplasty. *Clinical Orthopaedics and Related Research*, Number 392, pages 46-53. 3. Matsuda, et al. Effect of femoral and tibial component position on patellar tracking following total knee arthroplasty. *American Journal of Knee Surgery*, 14:352-356; 2001. 4. Bedard, M. et al. Internal rotation of the tibial component is frequent in stiff total knee arthroplasty. *Clinical Orthopaedics and Related Research*, Vol. 469, no. 8, pages 2346-2359; 2010. 5. Martin, et al. Maximizing Tibial Coverage Is Deleterial to Proper Rotational Alignment. *ODRR* January 2014. 6. Dai, Y., et al. Anatomical Tibial Component Design Can Increase Tibial Coverage and Rotational Alignment Accuracy: A Comparison of Six Contemporary Designs. *Knee Surg Sports Traumatol Arthrosc*, 22:2911-2923; KSSSTA 2014. 7. Indelli, et al. Relationship between Tibial Baseplate Design and Rotational Alignment Landmarks in Primary Total Knee Arthroplasty. *Hindawi Publishing Corporation Arthritis*, Volume 2015, Article ID 189294, 8 pages. 8. Jin, C., et al. How Much Does the Anatomical Tibial Component Improve the Bony Coverage in Total Knee Arthroplasty? *The Journal of Arthroplasty*. In Press 2017. Online <http://dx.doi.org/10.1016/j.arth.2016.12.041>.

All content herein is protected by copyright, trademarks and other intellectual property rights owned by or licensed to Zimmer Biomet or its affiliates unless otherwise indicated, and must not be redistributed, duplicated or disclosed, in whole or in part, without the express written consent of Zimmer Biomet. This material is intended for health care professionals. Distribution to any other recipient is prohibited. For product information, including indications, contraindications, warnings, precautions, potential adverse effects and patient counseling information, see the package insert and zimmerbiomet.com. Not for distribution in France. Check for country product clearances and reference product specific instructions for use. The persons depicted in this advertisement are models and not actual recipients of Zimmer Biomet products. Zimmer, Inc., 1800 West Center Street, Warsaw, IN 46580, USA © 2017 Zimmer Biomet



 **DePuy Synthes** *People inspired™*
PART OF THE **Johnson & Johnson** FAMILY OF COMPANIES

Johnson & Johnson Hellas Επιδάουρου 4 & Αιγαλείας, 151 25 Μαρούσι, Τηλ.: 210 6875500, Fax: 210 6875308
ΙΑΤΡΙΚΑ ΠΡΟΪΟΝΤΑ

THINKING ABOUT TOMORROW'S PATIENTS, TODAY



CORAIL®
HIP SYSTEM

Revision Stem



MAST

6th MASTERCLASS in ARTHROPLASTY SURGERY THESSALONIKI

Acknowledgements

The Organizing Committee would like to acknowledge the success of the masterclass to the following companies.

PLATINUM SPONSORS



ZIMMER BIOMET

Your progress. Our promise.™

Rontis

Driven by innovation

GOLD SPONSOR



DePuy Synthes

PART OF THE Johnson & Johnson FAMILY OF COMPANIES



Heraeus



Triathlon®
**Designed to work
with the body.**



**Studies have consistently shown
Triathlon & the single radius provide:**

- Stability
- Satisfaction
- Survivorship

If you're not addressing OR air quality,
you're missing the big picture.



©Aerobiotix 2019. All rights reserved. Illuvia and HUAIRS are trademarks of Aerobiotix, Inc.



Only Illuvia HUAIRS is designed to reduce the possibility of surgical site infections by decontaminating intraoperative air with a combination of advanced ultraviolet and HEPA technologies.

Effective: Supported by multiple peer-reviewed studies.

Preventative: Reduces intraoperative air bacterial levels by over 50%.

Powerful: Produces a directed, non-turbulent flow of air that has been filtered to remove microorganisms to provide an area free of contaminants to reduce the possibility of infection in the patient.

To learn more about Illuvia, go to www.aerobiotix.com

ILLUVIA[®]
HEPA-Ultraviolet Air Recirculation System

AERBIOTIX[®]
BETTER AIR FOR HEALTHCARE[™]

ΑΡΘΡΩΣΙΣ Α.Ε.
www.arthrosis.gr e-mail: info@arthrosis.gr

Ivor[®]
Bemiparin sodium

IvorMAX[®]
Bemiparin sodium

ΣΥΝΟΠΤΙΚΗ ΠΕΡΙΓΡΑΦΗ ΤΩΝ ΧΑΡΑΚΤΗΡΙΣΤΙΚΩΝ ΤΩΝ ΠΡΟΪΟΝΤΩΝ

ΟΝΟΜΑΣΙΑ ΤΟΥ ΦΑΡΜΑΚΕΥΤΙΚΟΥ ΠΡΟΪΟΝΤΟΣ: Ivor 3.500 IU anti-Xa/0,2 ml ενέσιμου διαλύματος σε προημετωμασμένους ασθενείς **ΠΟΣΙΤΙΚΗ & ΠΟΣΙΤΙΚΗ ΣΥΝΘΕΣΗ:** Bemiparin sodium 3.500 IU (anti-Factor Xa) ανά 0,2 ml προηγμετωμ. αβιργα (ισοδόνη με 12.500 IU anti-Factor Xa) ανά ml ενέσιμου διαλύματος. Η δραστική της περιγράφεται ως: Διεθνές μονάδες anti-Factor Xa δραστικότητας (IU) με βάση το Πρωτό Διεθνές Πρωτότυπο Αναφοράς: Ηπαρικής Κοιλίας Μοριακού Βάρους. Για τον πλήρη κατάλογο συνιστάσεων βλ. παράγραφο 6.1. **ΣΥΣΚΕΥΑΣΙΕΣ/ΤΙΜΕΣ:** IVOR 3.500 IU anti-Xa/0,2 ml BT x 10 PFS/SR A.T.: 11,89 €

ΟΝΟΜΑΣΙΑ ΤΟΥ ΦΑΡΜΑΚΕΥΤΙΚΟΥ ΠΡΟΪΟΝΤΟΣ: IvorMAX 25.000 IU anti-Xa/ml ενέσιμου διαλύματος σε προημετωμασμένους ασθενείς **ΠΟΣΙΤΙΚΗ & ΠΟΣΙΤΙΚΗ ΣΥΝΘΕΣΗ:** Bemiparin sodium 3.500 IU (anti-Factor Xa) ανά 0,2 ml προηγμετωμ. αβιργα (ισοδόνη με 11.500 IU anti-Factor Xa) ανά ml ενέσιμου διαλύματος. Η δραστική της περιγράφεται ως: Διεθνές μονάδες anti-Factor Xa δραστικότητας (IU) με βάση το Πρωτό Διεθνές Πρωτότυπο Αναφοράς: Ηπαρικής Κοιλίας Μοριακού Βάρους. Για τον πλήρη κατάλογο συνιστάσεων βλ. παράγραφο 6.1. **ΣΥΣΚΕΥΑΣΙΕΣ/ΤΙΜΕΣ:** IVORMAX 25.000 IU anti-Xa/0,2 ml BT x 2 PFS/SR A.T.: 7,78 € BT x 10 PFS/SR A.T.: 32,70 € BT x 30 PFS/SR A.T.: 120,83 €

ΟΝΟΜΑΣΙΑ ΤΟΥ ΦΑΡΜΑΚΕΥΤΙΚΟΥ ΠΡΟΪΟΝΤΟΣ: Ivormax 25.000 IU anti-Xa/ml ενέσιμου διαλύματος σε προημετωμασμένους ασθενείς **ΠΟΣΙΤΙΚΗ & ΠΟΣΙΤΙΚΗ ΣΥΝΘΕΣΗ:** Bemiparin sodium 25.000 IU (anti-Factor Xa) ανά ml ενέσιμου διαλύματος. Ισοδόνη με 5.000 IU anti-Factor Xa ανά 0,2 ml προηγμετωμ. αβιργα. 7.500 IU (anti-Factor Xa) ανά 0,3 ml προηγμετωμ. αβιργα. 10.000 IU (anti-Factor Xa) ανά 0,4 ml προηγμετωμ. αβιργα. * Η δραστική της περιγράφεται ως: Διεθνές μονάδες anti-Factor Xa δραστικότητας (IU) με βάση το Πρωτό Διεθνές Πρωτότυπο Αναφοράς: Ηπαρικής Κοιλίας Μοριακού Βάρους. Για τον πλήρη κατάλογο συνιστάσεων βλ. παράγραφο 6.1. **ΣΥΣΚΕΥΑΣΙΕΣ/ΤΙΜΕΣ:** IVORMAX 25.000 IU anti-Xa ml. 5.000 IU anti-Xa/0,2 ml BT/2 PFS/SR A.T.: 11,99 € 7.500 IU anti-Xa/0,3 ml BT/2 PFS/SR A.T.: 16,34 € 10.000 IU anti-Xa/0,4 ml BT/2 PFS/SR A.T.: 20,86 €

ΤΡΟΠΟΣ ΔΙΑΘΕΣΗΣ: Φαρμακευτικά προϊόντα για τα οποία απαιτείται ιατρική συνταγή.

Περαιτέρω πληροφορίες διατίθενται από τον ΚΑΚ κατόπιν αιτήσεως.



BIANEX A.E. ΒΙΟΜΗΧΑΝΙΑ ΦΑΡΜΑΚΩΝ
ΕΤΑΙΡΕΙΑ ΤΟΥ ΟΜΙΛΟΥ ΓΙΑΝΝΑΚΟΠΟΥΛΟΥ

Γραφεία Επιστημονικής Ενημέρωσης
ΑΘΗΝΑ: Οδός Τσιτσίου 146 71 Ν. Ερυθρού, Τηλ: 210 8009111

E-Mail: mailbox@bianex.gr • INTERNET: http://www.bianex.gr

ΘΕΣΣΑΛΟΝΙΚΗ: Ακάδημου 113, Κόμβος Μακρυγιάννη, Είσοδος Θεσσαλονίκης, ΤΚ 56224, Τηλ: 2310 861683

Βεβαιώνει το νόμιμο το εμπόριο με ασφαλή και
Ανασφαίρα
GHEE του εκπαιδευμένου προσωπικού του
GHEE του εμπόρου
Συνεργαζόμενος του ΚΕΤΤΡΟΚ ΕΛΛΑΣ



COPAL®

Preventing and reducing periprosthetic joint infections



For anaerobes

Bone cement with 2 antibiotics

Broad spectrum of activity

For MRSA/MRSE

Infection prevention

Implant fixation

High initial antibiotic release

High stability

Revision



PRODUCTS & SOLUTIONS YOU CAN TRUST.



Xarelto®

rivaroxaban

LCP/MT/16/2016/001



Bayer

Κέντρο της οδού κυκλοφορίας:
Bayer AG, 51368 Leverkusen, Γερμανία
Το κέντρο ερευνητικής και κλινικής οδού
κυκλοφορίας στην Ελλάδα, Bayer Ελλάς ΑΒΕΕ,
Συγγ. 1520, 151 25 Μαρούσι,
Γραφείο αντιπροσώπων του κέντρου οδού
κυκλοφορίας στην Κύπρο, Novartis Ltd,
Tηλ. 00357 22452858

Τμήμα Επιστημονικής Ενθάρτυσης
Tηλ. +33 210 8187742 Fax: +33 210 8187522
Email: medinfo.gr.cyl@bayer.com

Εταιρεία συμπεριποίησης



ELPEN Α.Ε. ΦΑΡΜΑΚΕΥΤΙΚΗ ΒΙΟΜΗΧΑΝΙΑ
Αντισ. Μαρτύρων 26, 190 20 Περούλι Αττικής
Tηλ: 210 8082021 - 3 Fax: 210 8082030
ΓΡΑΦΕΙΑ ΕΠΙΣΤΗΜΟΝΙΚΗΣ ΕΝΗΜΕΡΩΣΗΣ
Σαρωνιάς 11, 115 28 Αθήνα,
Tηλ. 210 7488711, Fax 210 7488731
Εθν. Αντιστάσεως 114, 051 34 Θεσσαλονίκη
Tηλ. 2032 49620 - 1 Fax: 2032 49629

Βεβαιώστε να γίνουν τα φάρμακα πιο ασφαλή και
Ανοηρέστε
ΟΝΕΣ τις ανεπιθύμητες ενέργειες για
ΟΑΑ τα φάρμακα
Συμπληρώνοντας την «ΔΙΤΡΙΠΗ ΚΑΡΤΑ»

Πριν τη συνταγογράφηση για κάθε ένδειξη συμβουλευθείτε την αντίστοιχη Περιλήψη των Χαρακτηριστικών του Προϊόντος.

Hello

my name is

Mako



Robotic-arm
assisted joint
replacement

Now at

Rontis[®]

Driven by innovation

Rontis Hellas SA

38 Sorou str.,

151 25, Maroussi, ATHENS, GREECE

Telephone: +30 210 6109090

Fax: +30 210 6108748

Email: infohellas@rontis.com

www.rontis.gr