

**Professor Eleftherios Tsiridis MD, MSc, DMed, PhD(London), FACS, FRCS**  
**Chairman of Orthopaedic Surgery, PGH, AUTH Medical School, Thessaloniki**



### **Executive Positions in Orthopedic Surgery & Academia**

- Chairman of Orthopaedic Surgery, PGH University Hospital, AUTH, Thessaloniki (2019-today)
- Professor of Orthopaedic Surgery, AUTH Medical School Thessaloniki (2017-today)
- Director of Adult Joint Reconstruction, PGH University Hospital, AUTH, Thessaloniki (2010-today)
- President Hellenic Society for Hip & Knee surgery (2020-2024)
- Secretary General European Hip Society (2012-today)
- Founder & Chairman of ICAROS Center for Arthroplasty Thessaloniki (2014-today)
- Director of CORE Center for Orthopaedic & Regenerative Research at CORE-CIRI-AUTH (2014-today)
- Director Arthroplasty Registry Thessaloniki ART (2014-today)
- Director Robotic Arthroplasty Surgery, InterBalkan Medical Center Hospital, Thessaloniki (2019-today)
- President of MAST Conference-Masterclass in Arthroplasty Surgery Thessaloniki, Hellas (2013-today)
- Visiting Professor, UCL Engineering, London UK (2019-today)
- Co-founder and CMO/Vice President of ORamaVR.SA (Arthroplasty Simulators VR) (2016-today)
- Sabbatical Fellowship, Mass GH & Children's Hospital Harvard Medical School, Boston, MA, USA (2011)
- Associate Professor of Orthopaedic Surgery, AUTH Medical School Thessaloniki (2010-2017)
- Honorary Senior Lecturer, Imperial College London, UK (2010-2014)
- Consultant Orthopaedic Surgeon Leeds Teaching Hospitals, Leeds, UK (2005-2010)
- Senior Lecturer of Orthopaedic Surgery, Leeds Medical School, UK (2005-2010)
- Clinical Arthroplasty Fellow: PEOC, Exeter, UK (2004-2005)
- Clinical & Research Arthroplasty Fellow: Boston Medical Centre, BU, Boston, MA, USA (2003-2004)

### **Academic & Professional Achievements**

- **MD Cum Laude** Athens University Medical School (1992)
- **FRCS**: Fellow of the Royal College of Surgeons, Edinburgh (1999)
- **MSc (Orth)**: University College London (2000)
- **DMed (Doctorate in Medicine)** Crete University Medical School (2004)
- **Fellow of the British Orthopaedic Association** (2005)
- **PhD (London)**: King's College, University of London (2009)
- **Fellow of the Hellenic Association of Orthopaedic Surgery & Traumatology** (2010)
- **Fellow of the European Hip Society** (2010)
- **Fellow of the European Knee Society** (2017)
- **FACS**: Fellow of the American College of Surgeons (2017)

### **Theses**

#### **MSc (Orth) [2000]**

Institute of Orthopaedics, Royal National Orthopaedic Hospital, Stanmore, UCL, London, UK  
"Periprosthetic Femoral Fractures: Management and Outcome" S: Prof G. Bentley

#### **DMed (Doctorate in Medicine) [2004]**

Crete University Medical School, Crete, Greece

"Impaction grafting enhancement using human MSCs and BMP-7" S: Prof A. Hatzipavlou

#### **PhD [2009]**

King's-Guys'-St Thomas School of Medicine, King's College London, University of London, UK

"Bone Graft Substitutes: Local and Systemic Enhancement of Bone Formation" S: Prof L. Di Silvio

**Medical School:** MD Athens University Medical School Cum Laude (1992)

**Best Student Award** International Hippocratic Foundation Prize (1992)

### **Hellenic National Services**

**Military Service** Special Forces Lieutenant, Paratroopers Regiment, **Hellenic Special Forces** (1992-94)

**Compulsory Rural Medical Service** (1994-95)

### **Specialist Training in Orthopaedic Surgery, UK (1995-2003)**

James Paget NHS, Norfolk, Senior House Officer (1995-1998)

Exeter (PEOC) NHS, Exeter, Senior House Officer (1998-1999)

Stanmore (RNOH) NHS, London, MSc Registrar (1999-2000)

Whittington NHS, London, Senior Registrar (2000-2002)

Whittington NHS, London, Locum Consultant Orthopaedic Surgeon, London, UK (2002-2003)

### **Fellowship & Sabbatical Training USA & UK (2003-2005)**

Adult Joint Reconstruction Hip and Knee: Boston University, Boston, MA, USA (2003-04)

Adult Joint Reconstruction Hip and Knee (Ling fellowship): University Exeter, PEOC, Exeter, UK (2004-05)

Arthroplasty & Young Adult Hip Preservation Surgery: Harvard Medical School, Boston, MA, USA (2011)

### **Hip Society “Rothman-Ranawat Hip Traveling Fellowship” USA (2014)**

Rush University Medical Center Chicago, Illinois, Hospital for Special Surgery New York, NY, Massachusetts General Hospital, Harvard Medical School, Rothman Institute Philadelphia, OrthoCarolina Hip and Knee Center Charlotte, NC, Mayo Clinic Rochester Minnesota, Anderson Clinic Alexandria, Washington, VA, Joint Implant Surgeons, New Albany, Ohio, Stanford Hospital, Stanford University, CA, University of Southern California, LA, CA, London Health Sciences Centre London, ON Canada, The Center for Hip and Knee Surgery, Indiana IN.

### **Scholarships-Research Fellowships-Prizes**

- **Prize first 10 graduates** Athens Medical School & International Hippocratic Foundation, (1992)
- **National Institute for Scholarships “Papadakis Scholarships” Hellas** (1988-1992)
- **Onassis Scholarship**, Hellas (2001-2003)
- **British Orthopaedic Association Scholarship**, UK (2003)
- **Paul Toller Research Prize** British Assoc. of MF Surgery, Glasgow, UK (2003)
- **Wishbone Traveling Fellowship**, UK (2003)
- **The Latta Fellowship**, British Orthopaedic Association & Wishbone, UK (2008)
- **First Prize Future Orthopaedic Surgeons** Royal Society of Medicine, UK (2009)
- **Rothman Ranawat Traveling Fellowship**, Hip Society, USA (2014)
- **FARE Prize & Grand AAHKS USA** (2018)
- **Best Research Award** AUTH Greece (2018)
- **Best Clinician Award** AUTH Greece (2019)
- **Most Influential Scientists Worldwide Stanford-Mendeley Data 2020**

### **Co-Author International Guidelines**

- International Guidelines on Periprosthetic Joint Infection (Philadelphia Consensus) (2015 & 2018)
- European Guidelines on Anticoagulation for Arthroplasty (2017)

### **Book Editor in Hip Surgery**

The Adult Hip: Master Case Series and Techniques, ISBN 978-3-319-64177-5, Springer 2018

### **PhD, MSc and Post Doc Supervisor:**

4 Post Docs, 11PhD, 11MSc, 3BSc (PS: Primary Supervisor)

**Post Doc** Mehran Mozen Mechanical Engineering, Leeds, UK (completed)

**Post Doc** Zak Gammie, Orthopaedics, Leeds, UK (completed)

**Post Doc** Stathis Kenanidis, AUTH, Greece (completed)

**Post Doc** Christos Topalis, AUTH, Greece (completed)

**PhD** Jonathan Mik Mechanical Engineering, Leeds, UK (completed)

**PhD** Lee Elcherst Mechanical Engineering, Leeds, UK (completed)

**PhD** Makis Savvidis, AUTH, Greece (completed)

**PhD** Anastasia Georgiou Imperial College London, UK (completed)

**PhD** Robert MacFarlane Imperial College London, UK (completed)

**PhD** Klontzas Michael Imperial College London, UK (completed)

**PhD** Theofylaktos Kyriakidis, AUTH, Greece (completed)

**PhD** Akis Tzavelas Thessaloniki, AUTH, Greece (on going)

**PhD** Andrew Leonidou, AUTH, Greece, (on going)

**PhD** Chris Milaras, AUTH, Greece (on going)

**PhD** George Paparoidamis, AUTH, Greece, (on going)

**MSc Orthopaedics** Theofylaktos Kyriakidis Erasmus University Belgium (completed)

**MSc Science** Dimitra Nella, AUTH, Greece (completed)

**MSc Science** Chris Topalis, AUTH, Greece (completed)

**MSc Science** Andrew Fonatlis, AUTH, Greece (completed)

**MSC Science** Theodore Michael, AUTH, Greece (completed)

**MSc** Maria Hadjidakis Imperial College London (completed)

**MSc** Mech Eng Andrew Leonidou, Cardiff, UK (completed)

**MSc** Mech Eng Paul Panteliadis Cardiff, UK (completed)

**MSc** Surgery Joseph Pagkalos, University of Edinburgh, UK (completed)

**MSc** in Trauma Surgery Greg Rudol Swansea University, UK (completed)

**MSc** Mech Eng Simon Graham, University of Leeds, UK (completed)

**BSc** Orth Zubeir Ali University College London, UK (completed)

**BSc** Orth Amit Bhalla University College London, UK, UK (completed)

**BSc** Orth Amir Rushdi University College London (completed)

### **Research Grants as PI or SI €2.552.000 (2005-2020)**

1. Furlong Research Charitable Foundation: £ 60.000 Injectable cellular constructs h-MSC
2. Latta Fellowship: £ 400.000 BOA+ Leeds University Finite Element analysis of PPF
3. BOA: £ 200.000 Fracture healing acceleration with PTH
4. Kuros Biotechnology: £ 90.000 PTH for intra-articular tibial plateau fractures
5. Yorkshire Children's Spinal Foundation: £ 25.000 Congenital heart Disease and Scoliosis
6. Stryker USA Boston University: 200.000 USA Dollars PTH vs OP-1 in healing
7. Onassis Foundation: £ 20.000 HA with MSCs and OP-1 in vitro osteogenesis
8. Culier Grant, NHS, UK: £ 15.000 Enhancing impaction grafting with OP-1 and MSCs
9. NIR (Nat. Inst. Res) 93933 RCT pharmacology anticoagulant Ab testing IIIβ PRONOMOS €22.000
10. NIR 93950 ART €33.000
11. NIR 92882 MAST €12.300
12. NIR BAY 1213790 RCT multicenter pharmacology study II FOXTROT €150.000
13. FARE Grand AAHKS USA, Collaboration with NUUY, \$25.000
14. ESPA ORamaVR with AUTH and UTH €600.000
15. PJC ORamaVR with UOC €550.000
16. NIR 99834 RCT multicenter pharmacology study 70033093 AXIOMATIC-TKR: €150.000
17. Culier Grant, NHS, UK: £ 15.000 Enhancing impaction grafting with OP-1 and MSCs

18. NIR (Nat. Inst. Res) 93933 RCT pharmacology anticoagulant Ab testing IIIβ PRONOMOS €22.000
19. NIR 93950 ART €33.000
20. NIR 92882 MAST €12.300
21. NIR BAY 1213790 RCT multicenter pharmacology study II FOXTROT €150.000
22. FARE Grand AAHKS USA, Collaboration with NUUY, \$25.000
23. ESPA ORamaVR with AUTH and UTH €600.000
24. PJC ORamaVR with UOC €650.000
25. NIR 99834 RCT multicenter pharmacology study 70033093 AXIOMATIC-TKR: €50.000

### **Reviewer/Editor/Board Member**

Journal of Bone and Joint Surgery, J Arthroplasty (**Editorial Board**), Journal of Cellular and Molecular Medicine, Injury (**Invited Editor**), Tissue Engineering, Cell Tissue Organs, Arthritis Treatment and Research, BMJ, Nature, Clinical Practice Rheumatology, Expert opinion in Pharmacotherapy, Expert opinion in Biological Therapy, Expert opinion in Investigational Drugs, Expert op in Drug Safety (**Editorial Board**), Scandinavian Journal of Rheumatology, Acta Biomaterialia, Hip International, Acta Orthop., J Orthop Research, J Bone Mineral Research., Bone and Joint J.

### **Member of International Scientific Organizations:**

EHS, EKS, BOA, BTS, BORS, BHS, EBJIS, Onassis Foundation, RCS, ACS.

### **Bibliometrics-Indexes**

#### **305 Publications in Peer Reviewed International Journals (PubMed & Scopus)**

- 220 full PubMed papers
- 7 full non PubMed papers & letters
- 78 PubMed journal proceedings

<b>Total Impact Factor</b>	<b>980,455</b>
<b>Citations (Google Scholar 2019)</b>	<b>10,300</b>
<b>H-factor</b>	<b>47</b>
<b>I10-index</b>	<b>141</b>

### **105 Book Chapters in International Orthopaedics textbooks**

#### **Clinical & Executive Activity in Adult Joint Reconstruction Surgery**

##### **Chairman of Orthopaedic Surgery & Chief of Adult Joint Reconstruction, PGH University Hospital**

I perform about 500 primary arthroplasty, revision & pelvic-acetabular reconstruction cases per year in a total of 2,500 arthroplasty & 1,000 trauma cases performed in my Department in PGH & InterBalkan Medical Center Hospitals yearly. Executive member of implant and cost effectiveness committee, infection control committee and head of arthroplasty audit weekly meeting. Performed the first Robotic Knee arthroplasties using the ROSA Zimmer in Greece and the first imageless surgeries.

##### **Secretary General of The European Hip Society**

Elected in 2012 and re-elected in 2016. Introduced nearly 200 new members in the society, including many international members from USA and all around the world. I have introduced and edit the monthly newsletter, edited the Adult Hip: Master case Series and Techniques book by Springer inviting the majority of our members to contribute and I co organize with EHS the MAST course in arthroplasty since 2017. Worked closely with 4 presidents, establishing smooth transition periods between presidencies and

have the constitutional changes approved in our General Assembly in The Hague September in 2018. I am a candidate for the Presidency of the EHS in 2021 in Lille election process for the years 2021-2027.

**Director of the Arthroplasty Registry Thessaloniki ART (2014-today)**

A level IV registry recording a large number of hip and knee arthroplasty procedures and the follow up of the patients. The registry records technical, surgical and medical data in a longitudinal fashion. The registry contains visual data including MRI CT and Radiographs. In addition, a large number of videotaped surgeries is included for educational purposes.

**President of MAST Conference-Masterclass in Arthroplasty Surgery Thessaloniki, Hellas (2014-today)**

MAST conference runs for 8 consecutive years. Advanced Hip and Knee reconstruction conference with hands on practical sessions and international faculty runs the first weekend of December every year since 2014. MAST is co organized with EHS and is officially recognized as EFORT arthroplasty conference.

**Director of CORE Center for Orthopaedic & Regenerative Research at CORE-CIRI-AUTH (2014-today)**

CORE is engaged with projects related to: Molecular Medicine, Stem cells, Clinical Trials, Epidemiology, Bone Metabolism, Pharmacogenetics, Biomechanics, Computer graphics, Medical simulation and VR tech, Experimental Surgery.

**Vice President & Chief Medical Officer of ORamaVR (Arthroplasty VR Simulators 2016-today)**

ORamaVR is a spin off University company that builds Arthroplasty Simulators using the Virtual Reality technology. We have an extensive network of users around the world and our aim is to improve surgical education and skills. We have won with NYU the FARE Grand 2018 for our clinical trial on VR hip arthroplasty

**Founder & Chairman of ICAROS Center for Arthroplasty & Robotics, Thessaloniki (2014-today)**

Center for Hip and Knee Reconstruction based in InterBalkan Medical Center Hospital in Thessaloniki Hellas.