

BRIEF CURRICULUM VITAE Eleftherios Tsiridis

MD, MSc, DMed, PhD(London), FACS, FRCS

**Professor of Orthopaedic & Traumatology, School of Medicine,
Faculty of Health Sciences, Aristotle University of Thessaloniki, Greece**

Chairman of the 3rd Academic Orthopaedic Department,

Papageorgiou General Hospital, Thessaloniki, Greece

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Executive Positions in Orthopedic Surgery & Academia

- Chairman of Orthopaedic Surgery, PGH University Hospital, AUTH, Thessaloniki (2019-today)
- Executive Member of the Chairmen Committee, PGH Univ. Hospital, AUTH, Thessaloniki (2019-today)
- Professor of Orthopaedic Surgery, AUTH Medical School Thessaloniki (2017-today)
- Faculty member of the Aristotle University School of Medicine (AUSoM) (2020-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)
- Founder & 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)

Co-Author International Guidelines

- **International Guidelines on Periprosthetic Joint Infection (Philadelphia Consensus) (2015 & 2018)**

- European Guidelines on Anticoagulation for Arthroplasty (2017)

Book Editor

The Adult Hip: Master Case Series and Techniques, ISBN 978-3-319-64177-5, Springer 2018
Oxford Textbook of Trauma and Orthopaedics, Third Edition, Oxford University Press (UK)

PhD, MSc and Post Doc Supervisor:

4 Post Docs, 11PhD, 11MSc, 3BSc (PS: Primary Supervisor)
Post Doc Mehran Mozen Mechanical Engineering, Leeds, UK (completed) **PS**
Post Doc Zak Gammie, Orthopaedics, Leeds, UK (completed) **PS**
Post Doc Stathis Kenanidis, AUTH, Greece (completed) **PS**
Post Doc Christos Topalis, AUTH, Greece (completed) **PS**
PhD Jonathan Mik Mechanical Engineering, Leeds, UK (completed) **PS**
PhD Lee Elcherst Mechanical Engineering, Leeds, UK (completed) **PS**
PhD Makis Savvidis, AUTH, Greece (completed) **PS**
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 Andrew Leonidou, AUTH, Greece, (completed) **PS**
PhD Anastasios-Nektarios Tzavelas Thessaloniki, AUTH, Greece (on going) **PS**
PhD Chris Milaras, AUTH, Greece (on going) **PS**
PhD George Paparoidamis, AUTH, Greece, (on going) **PS**
MSc Orthopaedics Theofylaktos Kyriakidis Erasmus University Belgium (completed) **PS**
MSc Science Dimitra Nella, AUTH, Greece (completed)
MSc Science Chris Topalis, AUTH, Greece (completed) **PS**
MSc Science Andrew Fonatlis, AUTH, Greece (completed) **PS**
MSC Science Theodore Michael, AUTH, Greece (completed)
MSc Maria Hadjidakis Imperial College London (completed)
MSc Mech Eng Andrew Leonidou, Cardiff, UK (completed)**PS**
MSc Mech Eng Paul Panteliadis Cardiff, UK (completed) **PS**
MSc Surgery Joseph Pagkalos, University of Edinburgh, UK(completed) **PS**
MSc in Trauma Surgery Greg Rudol Swansea University, UK (completed) **PS**
MSc Mech Eng Simon Graham, University of Leeds, UK (completed)**PS**
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

275 Publications in Peer Reviewed International Journals (PubMed & Scopus)

- 217 full PubMed papers
- 17 full non PubMed papers & letters
- 67 PubMed journal proceedings

Total Impact Factor	1054.927
Citations (Google Scholar 2021)	10126
H-factor	46
I10-index	139

105 Book Chapters in International Orthopaedics textbooks

200 Invited and Guest lectures in National & International Conferences

250 abstracts presented in National & International Conferences

Clinical & Executive Activity in Adult Joint Reconstruction Surgery

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

I Chair a department consisting of 2 units and staffed by 5 Academic Consultants, 8 NHS Consultants, 5 clinical fellows and 16 residents expanding in 80 beds. I perform about 500 primary arthroplasty, revision & pelvic-acetabular reconstruction cases per year in a total of 2,500 arthroplasty & 1,500 trauma cases performed in my Department in PGH & InterBalkan Medical Center Hospitals yearly. Executive member of the chairmen committee, the implant and cost effectiveness committee, the infection control committee of

PGH Hospital and head of arthroplasty audit weekly meeting.

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 more than 60 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 Hague last September 2018. I am a candidate for the Presidency of the EHS in 2020 in Lille election process for the years 2020-2026.

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 7 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.