



Curriculum Vitae

Personal information **Georgios Machairas**

Work experience

Chief Orthopaedic Surgeon

Henry Dunant Hospital Center [25 Jan 2022 - current]

City: Athens

Country: Greece

Hip and Knee Arthroplasty and Revision, Knee Arthroscopy, Major Trauma Surgery

Head of 7th Department of Orthopaedic Surgery and Traumatology

Head of Surgical Sector

Chief Orthopaedic Surgeon

KAT Attica General Hospital [8 Sep 2008 – 31 Dec 2021]

City: Kifisia, Athens

Country: Greece

Hip and Knee Arthroplasty and Revision, Knee Arthroscopy, Major Trauma Surgery

Head of 4th Department of Orthopaedic Surgery and Traumatology

Head of Residency Training Program in Orthopaedics and Traumatology

Chief Orthopaedic Surgeon

1st IKA Hospital [22 Apr 1998 – 7 Sep 2008]

City: Melisia, Athens

Country: Greece

Hip and Knee Arthroplasty and Revision, Knee Arthroscopy

Head of 2nd Orthopaedic Department

Attending Orthopaedic Surgeon

1st IKA Hospital [14 Jan 1993 – 21 Apr 1998]

City: Melisia, Athens

Country: Greece

Hip and Knee Arthroplasty and Revision, Knee Arthroscopy

Orthopaedic Surgeon

IKA Aigaleo [5 Mar 1992 – 13 Jan 1993]

City: Aigaleo, Athens

Country: Greece

Orthopaedic Surgeon

Evgenideio Hospital [Sep 1991 – Mar 1992]

City: Athens

Country: Greece

Hip and Knee Arthroplasty and Revision, Knee Arthroscopy

Orthopaedic Surgeon

Evgenideio Hospital [Oct 1991 – Mar 1992]

City: Athens

Country: Greece

Hip and Knee Arthroplasty and Revision, Knee Arthroscopy

Education and training

Doctor of Medicine, MD

Aristotle University of Thessaloniki [Oct 1974 – Jun 1980]

Address: University Campus, 541 24 Thessaloniki (Greece)

<https://www.auth.gr/en>

Field(s) of study: Health and welfare : *Medicine*

Doctor of Philosophy in Medicine, PhD

National and Kapodistrian University Of Athens [1985]

Address: 30 Panepistimiou str., 106 79 Athens (Greece)

<https://en.uoa.gr/>

Field(s) of study: Health and welfare : *Medicine*

Thesis: Clinical, Radiological and Biochemical parameters of Hip Fractures in Elders

Fellowships in Traumatology, Hip Arthroplasty, Spine Surgery and Arthroscopic Surgery

St. George's University Hospitals [May 1989 – Jul 1991]

Address: Blackshaw Road, SW17 0QT Tooting, London (United Kingdom)

<https://www.stgeorges.nhs.uk/>

Observership in Orthopaedic Surgery

University Hospital Lewisham [Feb 1989 – Apr 1989]

Address: Lewisham High Street, SE13 6LH London (United Kingdom)

<https://www.lewishamandgreenwich.nhs.uk/>

Fellowship in Hip Osteotomies & Hip Salvage Surgery

Busto Arsizio Hospital [Mar 1988]

Address: 1 Via Arnaldo da Brescia, 21052 Busto Arsizio (Italy)

<https://www.asst-valleolona.it/>

AO Fellowship: AO Philosophy, Fractures Classification and Trauma Patient

Lugano Regional Hospital [1 Feb 1988 – 15 Mar 1988]

Address: Via Tesserete 46, 6900 Lugano (Italy)

<https://www.eoc.ch/Ospedali-e-Istituti/Ospedale-Regionale-di-Lugano/Civico-e-Italiano/Presentazione.html>

Fellowship in Ilizarov Technique and Limbs Salvage Surgery

Hospital Alessandro Manzoni Lecco [Nov 1987]

Address: Via dell'Eremo, 9/11, 23900 Lecco (Italy)

<http://www.asst-lecco.it/>

Surgical Treatment of Hip Osteoarthritis: Total Hip Arthroplasty and Revision**Arthroplasty**

[Mar 1987]

Address: Bern (Switzerland)

Fellowship in Total Hip Arthroplasty and Revision Arthroplasty

Finale Ligure Hospital [May 1986 – Jul 1986]

Address: Finale Ligure (Italy)

Residency in Orthopaedic Surgery

NIMTS Hospital [6 Feb 1981 – 31 Mar 1986]

Address: Monis Petraki 10, 115 21 Athens (Greece)

<https://417nimts.army.gr/>

LANGUAGE SKILLS

Mother tongue(s):

Greek

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Additional information

Publications

Bioengineering of Spine Implants

[2001]

<https://www.sapkasgeorge.gr/sapakas-emviomichaniki-ton-emfitevmaton-tis-spondilikis-stilis/>

Hip Surgery and Bioengineering

[2002]

Radiological evaluation of the metal-bone interface of a porous tantalum monoblock acetabular component

[2006]

<https://pubmed.ncbi.nlm.nih.gov/16498001/>

Eight- to ten-year clinical and radiographic outcome of a porous tantalum monoblock acetabular component

[2009]

<https://pubmed.ncbi.nlm.nih.gov/18703310/>

Migration of the trabecular metal monoblock acetabular cup system

[2010]

<https://pubmed.ncbi.nlm.nih.gov/19056211/>

The biomechanical effect of bone quality and fracture topography on locking plate fixation in periprosthetic femoral fractures

[2015]

<https://pubmed.ncbi.nlm.nih.gov/25467710/>

A long term clinical outcome of the Medial Pivot Knee Arthroplasty System

[2017]

<https://pubmed.ncbi.nlm.nih.gov/28143683/>

Cue-Signal-Response Analysis in 3D Chondrocyte Scaffolds with Anabolic Stimuli

[2018]

<https://pubmed.ncbi.nlm.nih.gov/29147820/>

A device for high-throughput monitoring of degradation in soft tissue samples

[2018]

<https://pubmed.ncbi.nlm.nih.gov/29773424/>

Projects

Memberships

Other Relevant Information

TEACHING WORK

Instructor

[Sep 2001 – Oct 2006]

Instructor of 3-months circle courses on Hip and Knee Bioengineering