



# Christos P. Tsitsipanis

Assistant Professor, Medical School,  
University of Crete

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- Andrea Kalokerinou 13, Giofirakia, 715 00, Heraklion, Crete, Greece

Medical professional with training and experience in neurosurgery and neuroanatomy, and multiple postgraduate degrees and certificates in related fields. Actively involved in teaching and research.

## Skills

Curiosity

## Languages

Greek

English

## Certifications

\*European Resuscitation Council BLS/AED Provider Course – Certificate issued by the European Resuscitation Council. Course Director: Mr. George Vagos. Ioannina, Greece | May 22, 2009.

\*Advanced Trauma Life Support (ATLS) – Certificate of Completion. Advanced Trauma Life Support (ATLS) Course for Doctors, conducted according to the standards established by the ACS Committee on Trauma. Mediterraneo Hospital, Athens | February 2–3, 2013.

## Work history

### Rural Doctor

Medical Center of Agios Dimitrios, Karystos General Hospital, Evia, Greece

March 2014

May 2014

### Neurosurgery Specialty Training

University General Hospital of Ioannina, General Hospital of Athens "G. Gennimatas", University General Hospital of Heraklion

### Neurological Surgeon

Neurosurgical Department, University General Hospital of Heraklion, Heraklion, Crete, Greece

March 2020

January 2025

### Assistant Professor of Anatomy with a Focus on Neuroanatomy

Department of Anatomy, Medical School, University of Crete, Heraklion, Crete, Greece

January 2025

Current

## Education

### Doctor of Medicine (MD)

Medical School, University of Ioannina, Ioannina, Epirus, Greece

Admitted to the Medical School of the University of Ioannina through the Nationwide Greek Exams.

\*Advanced Cardiac Life Support (ACLS) – Certificate of Completion. Conducted by the National and Kapodistrian University of Athens and the Hellenic Society of Cardiopulmonary Resuscitation. Athens, Greece | June 7–9, 2013.

\*Advanced Pediatric Life Support (APLS) Course – Certificate of Completion. Athens, Greece | December 13–15, 2013.

\*Practice in Neurosurgical Anatomy – Certificate of Attendance. Hands-on cadaveric dissection course. Neurosurgery Department, Evangelismos Hospital & Anatomy Lab, National and Kapodistrian University of Athens. Supervisors: George Stranjalis, Elizabeth Johnson. Athens, Greece | May 29–31, 2013.

\*Seminar: “Statistical Analysis of Medical Data with SPSS” – Certificate of Attendance. Organized by the Laboratory of Biometry, University of Thessaly, in collaboration with Medical Statistics. Scientific and Technological Park of Epirus, Ioannina, Greece | September 28–29, 2013.

\*41st Microsurgery Training Week – Training Certificate. Department of Orthopaedics, University of Ioannina. Supervisors: Alexandros Beris, Ioannis-Kostas Agnantis. Ioannina, Greece | November 17–22, 2013.

## **Medical Liscence**

Issued by the Department of Licensing and Approvals, Directorate of Public Health, Prefectural Self-Government of Ioannina

## **Board Certification in Neurosurgery**

Panhellenic Medical Association

## **Diploma in Prehospital Emergency Medicine**

Hellenic National Center of Emergency Care, EKAV-  
, Heraklion, Crete, Greece

21st Post-Educational Program of Emergency Pre-Hospital Medical Care.

## **Master of Science (MSc) Degree, Postgraduate Program “International Medicine and Health Crisis Management”**

Medical School, National and Kapodistrian University of Athens, Athens, Greece

A two-year master's degree program.

## **Master of Science (MSc), Postgraduate Interdisciplinary Program “Brain and Mind”**

University of Crete, Heraklion, Crete, Greece

A two-year multidisciplinary master's degree program.

## **Master of Science (MSc) Degree, Postgraduate Program “Emergency and Intensive Care in Children, Adolescents, and Young Adults”**

Medical School, University of Crete, Heraklion, Crete, Greece

A one-year master's degree program.

## **Doctoral Dissertation Diploma**

Medical School, University of Crete, Heraklion, Crete, Greece

PhD Thesis Title: Molecular Biomarkers in Traumatic Brain Injury

\*Prehospital Trauma Life Support (PHTLS) – Certificate of Completion. 8th Edition Provider Course (Course Number: PH-17-3043-03) Organized by the National Association of Emergency Medical Technicians (NAEMT) and Pronosokomeiaki Frontida – Hellenic Chapter. Heraklion, Greece | April 1–2, 2017.

\*Prehospital Trauma Life Support (PHTLS) – Certificate of Completion. Tenth Edition, Instructor Update Certificate of Completion | July 11, 2023. Program Coordinator: Richard Ellis | Medical Director: Douglas Kupas. This continuing education activity is approved by NAEMT (CAPCE Provider Number: NAEMT0008), an organization accredited by the Commission on Accreditation for Prehospital Continuing Education (CAPCE). CAPCE Number: 22-NAEMT-F3-II07, assigned two (2) hours of continuing education credit at the Educator level. ID #489376.

\*Clinical Simulation Tutorial in Mechanical Ventilation during Anesthesia – Certificate of Participation. Department of Anesthesiology, University General Hospital of Heraklion, School of Medicine, University of Crete. Supervisor: Vicky Nyktari. Heraklion, Greece | November 4–5, 2017.

\*Management of Medical Emergencies in Clinics and Emergency Departments – Participation Certificate. Simulation seminar on in-hospital emergency incidents. Anesthesiology Department, Medical School, University of Crete. Supervisor: Katerina Hatzimihali. April 20, 2019.

## Student in the Master of Science (MSc) Program in "Research Methodology in Biomedicine, Biostatistics, and Clinical Bioinformatics"

Department of Biomathematics, School of Medicine, University of Thessaly, Larissa, Thessaly, Greece

A one-year master's degree program.

## European Spine Course Diploma (EUROSPINE Diploma)

EUROSPINE Education Council

**Certificate in Human Anatomy, including participation in a dissection course for medical students, involvement in educational activities, hands-on dissection training, and engagement in research projects.**

Department für Anatomie, Histologie und Embryologie, Geschäftsführender Direktor, Institut für Klinisch-Funktionelle Anatomie. Head of Department, Professor Marko Konschake., Müllerstrasse 59-A-6020, Innsbruck, Austria.

January 2024

February 2024

## Scientific Associate

Department of Anatomy, Medical School, University of Crete. Head of Department, Professor Ioannis Tsiaoussis, Heraklion, Crete, Greece

Period: May 2023 – December 2023 and March 2024 – December 2024

### Online Courses

## Supplementary Distance Education Programme (E-Learning) of the Center of Continuing Education and Lifelong Learning of the National and Kapodistrian University of Athens.

### From Symptoms to Diagnosis: A Practical Guide for the Understanding and Interpretation of Neurological Syndromes – Training Certificate

Estimated Study Duration: 100 hours.

Supervisor: Serafim Nanas.

Academic Year: 2014–2015.

### Introduction to Nanomedicine – Training Certificate

Estimated Study Duration: 108 hours.

Supervisor: Efstathios Efstathopoulos.

Academic Year: 2014–2015.

\*Arts and Man – Certificate of Attendance. Series of six two-hour interdisciplinary seminars within the Medical Humanities course. University of Crete, School of Medicine, Medical Museum of Crete. Scientific Coordinator: Professor Ioannis Mouzas. April 5 – May 17, 2019.

\*C19\_SPACE (COVID-19 Skills Preparation Course) – Certificate of Attendance. Self-learning online course. Accredited by the European Accreditation Council for Continuing Medical Education (EACCME) and the European Board for Accreditation in Cardiology (EBAC). November–December 2020.

\*C19\_SPACE (COVID-19 Skills Preparation Course) – Local Training. Certificate of Attendance. Accredited by the European Accreditation Council for Continuing Medical Education (EACCME) and the European Board for Accreditation in Cardiology (EBAC). November–December 2020.

\*1st Masterclass: Orthological Use of Antimicrobials in Infection Treatment – Certificate of Attendance. Online event organized by the Anticancer Research Support Society in collaboration with the Department of Internal Medicine, University General Hospital of Heraklion. President of the Organizing Committee: Diamantis Kofteridis. December 11–12, 2021.

## **Basic Principles of Infection Prevention and Control – Training Certificate**

Duration: 50 hours.

Supervisor: Theodoros Katsoulas.

Academic Year: 2021–2022.

## **Coursera**

### **Medical and Neuroscience Courses**

#### **• Antimicrobial Stewardship: Optimization of Antibiotic Practices –**

*Statement of Accomplishment*

8-week course (1–2 hours/week)

Instructor: Stan Deresinski, Clinical Professor, Infectious Disease, Stanford University

December 18, 2013

#### **• Neuroethics – Statement of Accomplishment**

7-week course

Instructor: Dr. Jonathan D. Moreno, David and Lyn Silfen University Professor, Dept. of Medical Ethics and Health Policy, Perelman School of Medicine, University of Pennsylvania

December 18, 2013

#### **• Introduction to Clinical Neurology – Verified Certificate**

6-week course (4–6 hours/week)

Instructors: Daniel Lowenstein, Wade Smith, S. Andrew Josephson, School of Medicine, University of California, San Francisco

March 27, 2014

#### **• Medical Neuroscience – Verified Certificate with Distinction**

12-week course (16–20 hours/week)

Instructor: Leonard E. White, Duke University School of Medicine, Duke Institute for Brain Sciences

April 7, 2014

#### **• Visual Perception and the Brain – Verified Certificate**

8-week course (3–4 hours/week)

Instructor: Professor Dale Purves, Geller Professor of Neurobiology, Duke Institute for Brain Sciences

November 25, 2014

#### **• The Brain and Space – Verified Certificate with Distinction**

6-week course (4–5 hours/week)

Instructor: Jennifer M. Groh, Center for Cognitive Neuroscience, Duke Institute for Brain Sciences

January 20, 2015

#### **• The Addicted Brain – Verified Certificate**

7-week course (1 hour/week)

Instructor: Professor Michael Kuhar, Yerkes/Emory Pharmacology and Neuroscience, Emory University

June 1, 2015

\*Bleeding Control for the Injured (B-Con) Course – Certificate of Completion. Prehospital Trauma Life Support (PHTLS) Committee, National Association of Emergency Medical Technicians (NAEMT). Course ID/Location: 112965. Affiliate Faculty Coordinator: Sotiropoulos Giorgos. July 30, 2021.

\*Emergency Neurological Life Support (ENLS) Course – Certificates of Attendance & Completion . 1) Certificate of Attendance Emergency Neurological Life Support (ENLS) Course. Organized by the Hellenic Pasteur Institute and the Neurocritical Care Society. May 4–6, 2023. 2) Certificate of Completion Emergency Neurological Life Support (ENLS) Certification Course. Neurocritical Care Society. Online activity completed in June 2023.

\*4th LAS Core Modules Course – Certificate of Completion. Webinar organized by the Biomedical Sciences Research Center “ALEXANDER FLEMING.” Vari, Greece | July 4–5, 2023. Certificate Number: 24/2023 | Issued: July 11, 2023. In accordance with P.D. 56/2013.

\*Two-Day Training Session on the Assessment and Treatment of Acute Pain – Certificate of Participation. Department of Anesthesiology, University General Hospital of Heraklion, School of Medicine, University of Crete. Supervisor: Vicky Nyktari. Heraklion, Greece | November 18–19, 2023.

• **Understanding the Brain: The Neurobiology of Everyday Life** – *Verified Certificate*

10-week course (4–6 hours/week)

Instructor: Professor Peggy Mason, University of Chicago  
June 15, 2015

• **Synapses, Neurons, and Brains** – *Verified Certificate*

10-week course

Instructor: Professor Idan Segev, The Edmond and Lily Safra Center for Brain Sciences, The Hebrew University of Jerusalem  
December 20, 2015

• **Advanced Neurobiology** – *Verified Certificate*

8-week course

Instructors: Yan Zhang and Yulong Li, Peking University  
December 27, 2016

## Infectious Diseases & Epidemiology

• **Bacteria and Chronic Infections** – *Verified Certificate with Distinction*

6-week course (2–3 hours/week, approx. 9 hours total)

Instructor: Professor Thomas Bjarnsholt, Costerton Biofilm Center, University of Copenhagen  
July 2, 2015

• **Understanding Clinical Research: Behind the Statistics** – *Verified Certificate*

6-week course (2–3 hours/week)

Instructor: Juan H. Koppler, University of Cape Town  
November 28, 2020

• **Clinical Epidemiology** – *Verified Certificate*

6-week course (1–2 hours/week)

Instructors: Prof. Diederick E. Grobbee and Prof. Arno W. Hoes, Utrecht University  
May 31, 2021

## Philosophy

• **Introduction to Philosophy** – *Statement of Accomplishment*

8-week course

Instructors: Dr. Dave Ward, Prof. Duncan Pritchard, Prof. Michela Massimi, Dr. Jane Suilin Lavelle, Dr. Matthew Chrisman, Dr. Allan Hazlett & Dr. Alasdair Richmond, School of Philosophy, University of Edinburgh  
April 7, 2014

• **Philosophy and the Sciences** – *Verified Certificate*

8-week course (1–3 hours/week)

Instructors: Dr. David Carmel, Prof. Andy Clark, Dr. Suilin Lavelle, Prof. John Peacock, Prof. Duncan Pritchard, Dr. Alasdair Richmond, Dr. Peggy Seriès, Dr. Kenny Smith, Dr. Mark Sprevak, Prof. Barbara Webb, University of Edinburgh  
January 22, 2015

\*3rd Masterclass: Orthological Use of Antimicrobials. Difficult to Treat Infections – Certificate of Attendance. Organized by EMENEP in collaboration with the Department of Internal Medicine, University General Hospital of Heraklion. President of the Organizing Committee: Diamantis Kofteridis. Atlantis Hotel, Heraklion, Crete, Greece | December 8–10, 2023.

\*Intensive Care Fundamentals – Certificate of Attendance. Organized by the European Society of Intensive Care Medicine. Heraklion, Greece | November 21–23, 2024. EBACCert-ID: 2024-EPN-0502000-000. The ICF face-to-face event has been accredited by the European Board for Accreditation of Continuing Education for Health Professionals (EBAC®) with 16 CMEs.

\*4th Masterclass: Conference on Rational Use of Antimicrobials – Infections in the Immunocompromised Patient – Certificate of Attendance. Organized by EMENEP in collaboration with the Department of Internal Medicine, University General Hospital of Heraklion. President of the Organizing Committee: Diamantis Kofteridis. Atlantis Hotel, Heraklion, Crete, Greece | December 6–8, 2024.

## edX

### Neuroscience & Anatomy

- **BrainX: Cellular Mechanisms of Brain Function** – *Certificate of Achievement (ID Verified)*

7-week course

Instructors: Carl Petersen and Pierre Dillenbourg, École Polytechnique Fédérale de Lausanne

April 15, 2015

- **ANATOMY403.3x: Human Neuroanatomy** – *Verified Certificate (ID Verified)*

Instructor: Kelli A. Sullivan, University of Michigan Medical School

December 7, 2017

### Scientific Writing & Communication

- **Writing Scientific Papers and Making Presentations in English** – *Verified Certificate (ID Verified)*

Instructor: Xiaohong Guan, Cheung Kong Professor of Systems Engineering, Center for Intelligent and Networked Systems, Department of Automation, Tsinghua University

August 30, 2018

## Radiopaedia

### Radiology & Medical Imaging

- **Emergency Radiology Course** – *Certificate of Completion*

7 hours of video-on-demand teaching and additional online learning

Instructors: Frank Gaillard and Andrew Dixon  
2016

- **Trauma CT Brain Learning Pathway** – *Certificate of Completion*

Online course (approx. 3 hours)

Instructors: Frank Gaillard and Andrew Dixon  
2018

- **Adult Neuroradiology Review Course** – *Certificate of Completion*

8 hours of video-on-demand teaching

Instructors: Frank Gaillard and Andrew Dixon  
2019

- **Toxic and Metabolic Brain Disorders in Adults** – *Certificate of Completion*

Online course (approx. 3 hours)

Instructors: Frank Gaillard and Andrew Dixon  
2023

- **Diffuse Gliomas Learning Pathway** – *Certificate of Completion*

Online course (approx. 3 hours)

Instructors: Frank Gaillard and Andrew Dixon  
2023

- **Medical Imaging Anatomy Course** – *Certificate of Completion*

8 hours of video-on-demand teaching and additional online learning

Instructors: Frank Gaillard and Andrew Dixon

2023

- **X-ray Interpretation: Cervical Spine** – *Certificate of Completion*

Online course (approx. 4 hours)

Instructors: Frank Gaillard and Andrew Dixon

2023

- **Imaging Physics: Ultrasound** – *Certificate of Completion*

Online course (approx. 6 hours)

Course access granted: 12 August 2023

Instructors: Frank Gaillard and Andrew Dixon

- **Imaging Physics: X-ray** – *Certificate of Completion*

Online course (approx. 6 hours)

Course access granted: 13 August 2023

Instructors: Frank Gaillard and Andrew Dixon

- **Chest X-ray Signs Learning Pathway** – *Certificate of Participation*

Online enduring material learning activity

Designated for a maximum of 4 AMA PRA Category 1 Credits™

Certificate ID: 4MO-CAT-KIP (Generated: 16 November 2023, 23:09 UTC)

Instructors: Frank Gaillard and Andrew Dixon

- **Enhancing Brain Tumours Learning Pathway** – *Certificate of Participation*

Online enduring material learning activity

Designated for a maximum of 6 AMA PRA Category 1 Credits™

Certificate ID: B09-YK2-UFZ (Generated: 17 November 2023, 11:02 UTC)

Instructors: Frank Gaillard and Andrew Dixon

## American Association of Neurological Surgeons (AANS) Online Education

### Neurosurgery & Neuro-Oncology

- **The Genetics and Molecular Components of Glioma** – *Certificate of Credit*

2018

- **Cerebral Metastatic Disease** – *Certificate of Participation*

2018

- **Penetrating Brain and Spine Injury** – *Certificate of Participation*

2019

- **Use of Prophylactic Anti-Epileptic Drugs** – *Certificate of Credit*

2019

- **Coagulopathy Reversal Approaches and DVT Protocols for Trauma Patients** – *Certificate of Participation*

2019

- **Skull Base Techniques for Senior Residents** – *Certificate of Participation*  
2019

## Training and Resources in Research Ethics Evaluation (TRREE)

- **Module 1 – Introduction to Research Ethics**

*Training Certificate*

Release Date: 18/01/2025

CID: 6MKnbrIR93

Instructor: Prof. Dominique Sprumont

Accreditation: Approved by SIWF-FMH-ISFM, Continuing Education Programs  
(2 credits)

- **Module 2 – Research Ethics Evaluation**

*Training Certificate*

Release Date: 23/01/2025

CID: WMx5VG5inL

Instructor: Prof. Dominique Sprumont

Accreditation: Approved by SIWF-FMH-ISFM, Continuing Education Programs  
(2 credits)

- **Module 3 – Informed Consent**

*Training Certificate*

Release Date: 24/01/2025

CID: BPfMGQZD

Instructor: Prof. Dominique Sprumont

Accreditation: Approved by SIWF-FMH-ISFM, Continuing Education Programs  
(2 credits)

- **Module 4 – Good Clinical Practice (GCP-E6(R2) 2016)**

*Training Certificate*

Release Date: 03/02/2025

CID: CQcK5IqsLU

Instructor: Prof. Dominique Sprumont

Accreditation: Approved by SIWF-FMH-ISFM, Continuing Education Programs  
(28 credits)

## Medscape

### Medscape & Endocrine Society CME Activities

- **MRI of CNS Infection and Inflammation in Pediatric Patients**

Provider: Medscape

Credits: 1.25 AMA PRA Category 1 Credits™

Year: 2014

- **Pulmonary Embolism Treatment**

Provider: Medscape

Credits: 0.25 AMA PRA Category 1 Credits™

Year: 2014

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## **Practical and Timely Strategies for IV Thrombolysis in Acute Ischemic Stroke**

Provider: Medscape

Credits: 0.50 AMA PRA Category 1 Credits™

Year: 2014

- **MR Imaging in Multiple Sclerosis: Diagnosis and Treatment Monitoring**

Provider: Medscape

Credits: 0.25 AMA PRA Category 1 Credits™

Year: 2014

- **Patient Stimulation: Managing Symptoms Related to Multiple Sclerosis**

Provider: Medscape

Credits: 1.50 AMA PRA Category 1 Credits™

Year: 2014

- **Venous Thromboembolism: The Single Drug Approach**

Provider: Medscape

Credits: 0.25 AMA PRA Category 1 Credits™

Year: 2014

- **Hyponatremia in the Hospital: Developing Appropriate Treatment Strategies**

Provider: Medscape

Credits: 1.75 AMA PRA Category 1 Credits™

Year: 2014

- **Inflammation and Human Cerebral Aneurysms: Current and Future Treatment Prospects**

Provider: Medscape

Credits: 1.00 AMA PRA Category 1 Credits™

Year: 2014

- **Acromegaly: Diagnosis and Management Options**

Provider: The Endocrine Society

Credits: 2.00 AMA PRA Category 1 Credits™

Year: 2014

- **A New Frontier: Treating HER2+ Breast Cancer That Metastasizes to the Brain**

Provider: Medscape

Credits: 0.50 AMA PRA Category 1 Credits™

Year: 2014

- **Improving Survival in Glioblastoma Multiforme: Current Challenges and Opportunities**

Provider: Medscape

Credits: 0.50 AMA PRA Category 1 Credits™

Year: 2016

## **Medscape Physician Business Academy Courses**

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## Medical Ethics

Certification of Completion

Course Material Developed by: Medscape, LLC

Content Lead: Leah M. Gentry, WebMD Group VP, Content

Date: August 31, 2023

### • Dealing With Difficult Patients

Certification of Completion

Course Material Developed by: Medscape, LLC

Content Lead: Leah M. Gentry, WebMD Group VP, Content

Date: September 1, 2023

### • Diversity, Equity, and Inclusion

Certification of Completion

Course Material Developed by: Medscape, LLC

Content Lead: Leah M. Gentry, WebMD Group VP, Content

Date: September 2, 2023

## Presentations and Proceedings in Congresses and Conferences

### Presentations

#### Selected Oral Presentations in Congresses or Conferences

- Oral presentation. "Penetrating injury after gunshot: a case report and literature review". Christos Tsitsipanis, Ioannis Tsoukaras, [Ioanna Papadimitriou](#), Dimitrios Karabetsos, Panagiotis Simos, Antonios Vakis. ICRAN-2018, International Conference on Recent Advances in Neurotraumatology. June 20-22, 2018. Naples, Italy. WFNS Neurotraumatology.
- Oral presentation. "Outcome following decompressive craniectomy due to severe head injury: a case series study". Christos Tsitsipanis, Konstantinos Ntotsikas, [Nikolaos Moustakis](#), Antonios Vakis. ICRAN-2018, International Conference on Recent Advances in Neurotraumatology. June 20-22, 2018. Naples, Italy. WFNS Neurotraumatology.
- Oral presentation. "CNS Mixed Germ Cell Tumor Peritoneal Seeding: Case Presentation and Literature Review". Medical Case Report Section. [C. Tsagkaris](#), C. Tsitsipanis, A. Vakis, N. Chochlidakis. 4-8 December 2019. Bucharest. Third Edition of the International Medical Students' Congress of Bucharest organised by the Medical Students' Society of Bucharest, under the aegis of the "Carol Davila" University of Medicine and Pharmacy of Bucharest.
- Oral ePoster presentation. "A systematic review on neurotrauma biomarkers". [G. Levin](#), K. Lishnevsky, A. Vakis, C. Tsitsipanis. October 19-21, 2020. eEANS2020 Virtual Congress, Beyond Borders. European Association of Neurosurgical Societies (EANS).
- Oral ePoster presentation. "The utility of CT Scanning in mild traumatic brain injury: A retrospective cohort study". [S. Lazarioti](#), C. Bartsokas, A. Trikkos, I. Papadimitriou, A. Vakis, C. Tsitsipanis. October 19-21, 2020. eEANS2020 Virtual

Congress, Beyond Borders. European Association of Neurosurgical Societies (EANS).

- Oral ePoster presentation. "Extraneural metastases of glioblastoma multiforme: a systematic review". M. Fragonikolaki, P. Kouklaki, M. Smyrni, A. Vakis, C. Tsitsipanis. October 3-7, 2021. eEANS2021 Virtual Congress, Neurosurgery in Translation. European Association of Neurosurgical Societies (EANS).
- Oral presentation. "Metastatic extracranial meningiomas: a review of the literature". K.M. Liosis, T. Vassilopoulos, K. Brautigam, D. Baldounis, C. Tsitsipanis, A. Vakis. October 3-7, 2021. eEANS2021 Virtual Congress, Neurosurgery in Translation. European Association of Neurosurgical Societies (EANS).
- Oral e-Poster presentation. "The Role of Thrombolysis in the Management Of Intraventricular Haemorrhage: A Review Of the Literature". Mr Thanos Vassilopoulos, MD Dimitris Karabetsos, MD Nikos Chochlidakis, MD Andreas Yannopoulos, Dr. Eumorfia Kondili, MD Marianna Miliaraki, MD Konstantinos Ntotsikas, MD Nikos Moustakis, MD Athanasios Theofanopoulos, MD Eleftherios Papadakis, MD Sofia Lazarioti, MD Vasilis Papastergiou, MD Emmanouil Kokkinakis, Dr. Christos Tsitsipanis. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).

#### **Selected E-Poster Presentations (Non-Oral) in Congresses or Conferences**

- "*Biliary peritonitis as a result of rupture of distended intrahepatic bile ducts due to left hepatic duct cholangiocarcinoma. Report of a rare case-*". Glantzounis G, Lianos G, Georgiou G, Tsili A, Doumos R, Tsitsipanis C, Xanthis T, Tatsis V, Fatouros M. 1-5 July 2012. Paris, France. 10th World Congress of the International Hepato-Pancreato-Biliary Association.
- "*Giant mucocele of the frontal lobe with intracranial expansion*". Moniakis A, Tsitsipanis C, Manolitsi K, Vakis A. 24-26 May 2018. Chania, Greece. 32nd Annual Congress of the Hellenic Neurosurgical Society-Joint Meeting with the Society of British Neurosurgical Surgeons and Cyprus Neurosurgical Society.
- "*Large cerebellar pilocytic astrocytoma with mild symptoms presenting as a surgical emergency-a case report*". Marinis A, Tsitsipanis C, Boudoutsidis A, Giannopoulos A.. 24-26 May 2018. Chania, Greece. 32nd Annual Congress of the Hellenic Neurosurgical Society-Joint Meeting with the Society of British Neurosurgical Surgeons and Cyprus Neurosurgical Society.
- "*Spontaneous thoracic spinal epidural hematoma during pregnancy: a case report and literature review*". A. Vakis, I. Papadimitriou, C. Tsitsipanis, A. Apostolou, K. Manolitsi. 24-28 September 2019. Dublin. EANS2019 Annual Congress; Technology, techniques, training and transparency. European Association of Neurosurgical Societies (EANS).
- "*Perioperative use of novel antiepileptic drugs in brain tumors: A retrospective study*". G. Anagnostakis, I. Karageorgiou, C. Tsitsipanis, C.

Bartsokas, A. Vakis. October 19–21, 2020. eEANS2020 Virtual Congress; Beyond Borders. European Association of Neurosurgical Societies (EANS).

- *“Multiple scalp and intraosseous metastases of a low grade meningioma after 22 years after removal”*. S. Lazarioti, C. Tsitsipanis, D. Karampetsos, A. Trikkos, A. Vakis, N. Chochlidakis. October 19–21, 2020. eEANS2020 Virtual Congress; Beyond Borders. European Association of Neurosurgical Societies (EANS).
- *“Intrameningioma metastasis: a case report and literature review”*. B.K. Papadakis, C. Tsitsipanis, N. Chochlidakis, K. Manolitsi, A. Vakis. October 19–21, 2020. eEANS2020 Virtual Congress; Beyond Borders. European Association of Neurosurgical Societies (EANS).
- *“Idiopathic multilevel intradural spinal arachnoid cyst in a 37 year old female patient: a case report and a literature review”*. G. Feretos, C. Tsitsipanis, D. Karabetsos, G. Sourvanos, A. Vakis, N. Chochlidakis. October 3–7, 2021. eEANS2021 Virtual Congress; Neurosurgery in Translation. European Association of Neurosurgical Societies (EANS).
- *“The role of cytomegalovirus (CMV) in glioblastoma’s pathogenesis-”*. A. Salapatas Gkinis, G. Kritikou, A. Hatzinikola Vaki, A. Vakis and C. Tsitsipanis. eEANS2021 Virtual Congress; Neurosurgery in Translation. European Association of Neurosurgical Societies (EANS).
- *“Holes in ancient skulls—a story of Trephination in ancient Greece. A review of knowledge”*. A. Trikkos, E. Gkouvelou, S. Lazarioti, K. Ntotsikas, A. Vakis, C. Tsitsipanis. October 3–7, 2021. eEANS2021 Virtual Congress; Neurosurgery in Translation. European Association of Neurosurgical Societies (EANS).
- *“Prophylactic use of novel antiepileptic drugs in traumatic brain injury: a retrospective study”*. Kokkinakis, D.-C. Ladakis, S. Dontsopoulos, C. Tsitsipanis, C. Bartsokas, A. Vakis. October 3–7, 2021. eEANS2021 Virtual Congress; Neurosurgery in Translation. European Association of Neurosurgical Societies (EANS).
- *“Musical hallucinations on a patient with malignant brain neoplasm”*. A. Salapatas Gkinis, P. Simos, G. Kritikou, K. Ntotsikas, S. Lazarioti, A. Vakis and C. Tsitsipanis. October 3–7, 2021. eEANS2021 Virtual Congress; Neurosurgery in Translation. European Association of Neurosurgical Societies (EANS).
- *“Decompressive craniectomy during wartime: literature review”*. K. Ntotsikas, N. Moustakis, S. Lazarioti, E. Kokkinakis, I. Papadimitriou, A. Apostolou, A. Marinis, A. Vakis, C. Tsitsipanis. October 16–20, 2022. Belgrade, Serbia. EANS2022 Annual Congress; Trends, Insights, Innovations: Neurosurgery beyond Technology. European Association of Neurosurgical Societies (EANS).
- *“The role of plasma Glial-Fibrillary Acid Protein (GFAP) as a biomarker for malignant brain tumors”*. A. Theofanopoulos, A. Vakis, C. Tsitsipanis. October 16–20, 2022. Belgrade, Serbia. EANS2022 Annual Congress; Trends, Insights, Innovations: Neurosurgery beyond Technology. European Association of Neurosurgical Societies (EANS).

- *"The role of music therapy in patients suffering from traumatic brain injury: a critical review"*. A. Salapatas Gkinis, K. Zampetakis, E. Pantoleon, A. Vakis, C. Tsitsipanis. October 16–20, 2022. Belgrade, Servia. EANS2022 Annual Congress; Trends, Insights, Innovations: Neurosurgery beyond Technology. European Association of Neurosurgical Societies (EANS).
- *"Management of Traumatic Brain Injury (TBI) patients during the covid-19 pandemic: a literature review"*. S. Lazarioti, N. Moustakis, K. Ntotsikas, T. Marinis, E. Kokkinakis, P. Malakates, C. Psychogiou, A. Salapatas Gkinis, A. Vakis, C. Tsitsipanis. October 16–20, 2022. Belgrade, Servia. EANS2022 Annual Congress; Trends, Insights, Innovations: Neurosurgery beyond Technology. European Association of Neurosurgical Societies (EANS).
- *"Machine learning and traumatic brain injury: a review of the literature"*. M. Tzavlas, A. Vakis, C. Tsitsipanis. October 16–20, 2022. Belgrade, Servia. EANS2022 Annual Congress; Trends, Insights, Innovations: Neurosurgery beyond Technology. European Association of Neurosurgical Societies (EANS).
- *"The role of interleukins in traumatic brain injury"*. C. Tsitsipanis, M. Miliaraki, E. Paflioti, C. Bartsokas, S. Lazarioti, K. Ntotsikas, N. Moustakis, E. Kokkinakis, A. Theofanopoulos, A. Vakis, S. Iliu, G. Briasoulis, M. Venychaki. October 16–20, 2022. Belgrade, Servia. EANS2022 Annual Congress; Trends, Insights, Innovations: Neurosurgery beyond Technology. European Association of Neurosurgical Societies (EANS).
- *"Impact of COVID-19 on neurosurgical practice"*. N. Moustakis, A. Trikkos, M. Miliaraki, K. Ntotsikas, S. Lazarioti, A. Marinis, G. Sourvanos, A. Vakis, C. Tsitsipanis. October 16–20, 2022. Belgrade, Servia. EANS2022 Annual Congress; Trends, Insights, Innovations: Neurosurgery beyond Technology. European Association of Neurosurgical Societies (EANS).
- *"Ethical Issues in the Management of Patients Suffering from Glioblastoma Multiforme: A Literature Review"*. Konstantinos Ntotsikas, Nikolaos Moustakis, Sofia Lazarioti, Athanasios Theofanopoulos, Gerasimos Sourvanos, Maria Drakaki, Antonios Vakis, Christos Tsitsipanis. September 24–28, 2023. Palau de Congressos, Barcelona, Spain. EANS2023 Annual Congress, Neurosurgery and Technology at the Service of Humanity. European Association of Neurosurgical Societies (EANS).
- *"Pituitary Gangliocytomas and Mixed Gangliocytoma–Pituitary Adenomas: A Literature Review of a Rare Entity"*. Athanasios Theofanopoulos, Emmanouil Diamantakis, Nikolaos Nirakis, Dimitrios Orestis Mytilinis, Konstantinos Ntotsikas, Sofia Lazarioti, Nikolaos Moustakis, Antonis Vakis, Christos Tsitsipanis. September 24–28, 2023. Palau de Congressos, Barcelona, Spain. EANS2023 Annual Congress, Neurosurgery and Technology at the Service of Humanity. European Association of Neurosurgical Societies (EANS).
- *"Subdural Hygroma Following Spontaneous Subarachnoid Hemorrhage"*. Emmanouil Siskakis, Antonios Vakis, Christos Tsitsipanis. September 24–28, 2023. Palau de Congressos, Barcelona, Spain. EANS2023 Annual Congress, Neurosurgery and Technology at the Service of Humanity. European Association of Neurosurgical Societies (EANS).

- "The Role of Serum Procalcitonin Levels in Early Diagnosis of Post-operative Infection in Neurosurgical Patients". Emmanouil Diamantakis, Nikolaos Nirakis, Dimitrios Orestis Mytilinis, Sofia Lazarioti, Konstantinos Ntotsikas, Nikolaos Moustakis, Antonios Vakis, Christos Tsitsipanis. September 24-28, 2023. Palau de Congressos, Barcelona, Spain. EANS2023 Annual Congress, Neurosurgery and Technology at the Service of Humanity. European Association of Neurosurgical Societies (EANS).
- "Investigation Of Imaging Differential Diagnosis Between Glioblastoma (GBM) And Solitary Brain Metastasis (SBM): A Review Of The Literature". Thanos Vassilopoulos, Athanasios Nikolaou, Nikos Moustakis, Athanasios Theofanopoulos, Sofia Lazarioti, Konstantinos Ntotsikas, Antonis Vakis, Christos Tsitsipanis. September 24-28, 2023. Palau de Congressos, Barcelona, Spain. EANS2023 Annual Congress, Neurosurgery and Technology at the Service of Humanity. European Association of Neurosurgical Societies (EANS).
- "Ethical and Legal Considerations regarding Informed Consent for Neurosurgical Interventions: A Literature Review." Nikolaos Moustakis, Alexandra Panouli, Konstantinos Ntotsikas, Sofia Lazarioti, Athanasios Theofanopoulos, Aris Salapatas, Marianna Miliaraki, Antonis Vakis, Christos Tsitsipanis. September 24-28, 2023. Palau de Congressos, Barcelona, Spain. EANS2023 Annual Congress, Neurosurgery and Technology at the Service of Humanity. European Association of Neurosurgical Societies (EANS).
- e-Poster. "Late-onset Terson Syndrome Following Aneurysmal Subarachnoid Hemorrhage; A Case Report". Mr Thanos Vasilopoulos, Dr Christos Tsitsipanis, Dr Anastasios Stavarakakis, Dr Konstantinos Ntotsikas, Dr Nikolaos Moustakis, Dr Athanasios Theofanopoulos, Dr Sofia Lazarioti, Dr Christos Bartsokas, Ms Konstantina Raouzaïou, Dr Andronikos Trikkos, Dr Georgia Kritikou, Dr Efstratios Konidis, Dr Miltiadis Tsilimparis, Dr Andreas Yannopoulos. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).
- e-Poster. "The Role of Computational Flow Dynamics in the Management of Unruptured Aneurysms; A Narrative Review". Dr Konstantinos Ntotsikas, Dr Athanasios Theofanopoulos, Dr Nikolaos Moustakis, Dr Sofia Lazarioti, Dr Dimitrios Karabetsos, Dr Nikolaos Chochlidakis, Dr Andreas Yannopoulos, Dr Georgia Kritikou, Dr Vasilios Papastergiou, Mr Ilias Tsitsipanis, Dr Grigorios Guvelos, Dr Alexandros Gidarakos, Mr Andreas Christofis, Ms Georgia Vaki, Dr Efstratios Konidis, Mr Giorgos Aggelidis, Dr Christos Tsitsipanis. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).
- e-Poster. "Acquired Torticollis and Tetraparesis as Manifestation of Cervical Arachnoid Cyst in 30-month-old Female Patient; Case Report". Mr Thanos Vasilopoulos, Dr Christos Tsitsipanis, Dr Konstantinos Ntotsikas, Dr Nikolaos Chochlidakis, Dr Dimitrios Karabetsos, Dr Nikolaos Moustakis, Dr Athanasios Theofanopoulos, Dr Sofia Lazarioti, Dr Vasilios Papastergiou, Dr Georgia Kritikou, Dr Andreas Yannopoulos. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).

- e-Poster. "Supplementary Motor Area Syndrome: A Literature Review". Mr Thanos Vassilopoulos, MD Marianna Miliaraki, MD Athanasios Theofanopoulos MD Nikos Moustakis, MD Konstantinos Ntotsikas, MD Sofia Lazarioti, MD Vasilis Papastergiou, MD Andreas Yannopoulos, MD Dimitris Karabetsos, MD Nikos Chochlidakis, Mr. Eleftherios Pitsidopoulos, MD Ioannis Koliarakis, Dr. John Tsiaoussis, Dr. Christos Tsitsipanis. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).
- ePoster. "Extraventricular Neurocytomas: A Literature Review". Mr Karan Saluja, MD Athanasios Theofanopoulos, Mr Thanos Vassilopoulos, MD Marianna Miliaraki, MD Konstantinos Ntotsikas, MD Nikos Moustakis, MD Sofia Lazarioti, MD Artemis Apostolou, MD Ioannis Koliarakis, Dr John Tsiaoussis, Dr Christos Tsitsipanis. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).
- ePoster. "Machine Learning to Develop a Model for Early Predicting of Sepsis in Neurosurgical Patients". Mr George Noikos, Mr Konstantinos Ntotsikas, Mr Christos Tsitsipanis, Mr Aris Kosmopoulos, Mr George Giannakopoulos,. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).
- ePoster. "Pontine Demyelination Syndrome Following Traumatic Brain Injury: A Case Report". Dr Nikolaos Moustakis, Dr Nikolaos Chochlidakis, Dr Christos Tsitsipanis, Dr Athanasios Theofanopoulos, Dr Sofia Lazarioti, Dr Konstantinos Ntotsikas, Dr Andreas Yannopoulos, Dr Vasilios Papastergiou, Mr Konstantinos Vrettos, Dr Athina Mantelou, Dr Dimitrios Karabetsos. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).
- ePoster. "Favorable Outcome Following Innovative Intraventricular rtPA Infusion Therapy". Dr Nikolaos Moustakis, Dr Nikolaos Nassis, Dr Nikolaos Chochlidakis, Dr Sofia Lazarioti, Dr Konstantinos Ntotsikas, Dr Athanasios Theofanopoulos, Mr Nikolaos Mouzis, Dr Ioannis Tsoukaras, Dr Vasilios Papastergiou, Dr Andreas Yannopoulos, Dr Christos Tsitsipanis, Dr Dimitris Karabetsos. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).
- ePoster. "A Rare Complication of Subdural-Peritoneal Shunt in AN Infant with Chronic Subdural Hematomas: A Case Report". Dr Sofia Lazarioti, Dr Christos Tsitsipanis, Dr Andreas Yannopoulos, Dr Nikolaos Chochlidakis, Dr Sofia Mparmpagadaki, Dr Konstantinos Ntotsikas, Dr Athanasios Theofanopoulos, Dr Nikolaos Moustakis, Dr Vasilios Papastergiou, Dr Ioanna Papadimitriou, Professor Antonis Vakis, Dr Dimitrios Karabetsos. EANS2024 Congress, Innovation, Education, Leadership. October 13-17, 2024. European Association of Neurosurgical Societies (EANS).

## Peer-Reviewed Conference Proceedings

- "Using machine learning to predict mortality and morbidity after Traumatic Brain Injury". Theiou, V., Salapatas Gkinis, A., Theofanopoulos, A., Giannakopoulos, G., Tsitsipanis, C.. 2022. in: Proceedings of the 12th Hellenic

Conference on Artificial Intelligence, SETN '22. Association for Computing Machinery, New York, NY, USA. pp. 1–5. <https://doi.org/10.1145/3549737.3549796>

- "MACHINE LEARNING TO DEVELOP A MODEL THAT PREDICTS EARLY IMPENDING SEPSIS IN NEUROSURGICAL PATIENTS". Vlachos, E., Salapatas Gkinis, A., Papastergiou, V., Tsitsipanis, C., Giannakopoulos, G.. 2022. , in: Proceedings of the 12th Hellenic Conference on Artificial Intelligence, SETN '22. Association for Computing Machinery, New York, NY, USA. pp. 1–5. <https://doi.org/10.1145/3549737.3549795>

## Publications

### Publications as a Co-author

- Bräutigam, K., Vakis, A., **Tsitsipanis, C.**, 2019. Pathogenesis of idiopathic Normal Pressure Hydrocephalus: A review of knowledge. J Clin Neurosci 61, 10–13. <https://doi.org/10.1016/j.jocn.2018.10.147>
- Karabetsos, D.A., **Tsitsipanis, C.**, Koutserimpas, C., Chaniotis, V., Vakis, A., Samonis, G., Alpantaki, K., 2021. Acute paraplegia due to thoracolumbar schwannoma following trauma: A case report and literature review. Mol Clin Oncol 15, 204. <https://doi.org/10.3892/mco.2021.2366>
- Papadakis, B.K., Vorrias, E., Bräutigam, K., Chochlidakis, N., Koutsopoulos, A., Mavroudis, D., Vakis, A., **Tsitsipanis, C.**, 2021. Intrameningioma metastasis: A case-based literature review. J Clin Neurosci 93, 168–173. <https://doi.org/10.1016/j.jocn.2021.08.028>
- **Tsitsipanis, C.**, Miliaraki, M., Ntotsikas, K., Baldounis, D., Kokkinakis, E., Briassoulis, G., Venihaki, M., Vakis, A., Ilia, S., 2022. Impact of Intracranial Hypertension on Outcome of Severe Traumatic Brain Injury Pediatric Patients: A 15-Year Single Center Experience. Pediatr Rep 14, 352–365. <https://doi.org/10.3390/pediatric14030042>
- Papadimitriou, I., Apostolou, A., Vakis, A., **Tsitsipanis, C.**, 2023. Spontaneous Thoracic Spinal Epidural Hematoma During Pregnancy. Maternal-Fetal Medicine 5, 54–57. <https://doi.org/10.1097/FM9.0000000000000165>
- **Tsitsipanis, C.**, Miliaraki, M., Paflioti, E., Lazarioti, S., Moustakis, N., Ntotsikas, K., Theofanopoulos, A., Ilia, S., Vakis, A., Simos, P., & Venihaki, M. (2023). Inflammation biomarkers IL-6 and IL-10 may improve the diagnostic and prognostic accuracy of currently authorized traumatic brain injury tools. Experimental and Therapeutic Medicine, 26(2), 364. <https://doi.org/10.3892/etm.2023.12063>
- **Tsitsipanis C.**, Miliaraki M, Michailou M, Geromarkaki E, Spanaki AM, Nyktari V, Yannopoulos A, Moustakis N, Ilia S. Severe and Atypical Presentation of Takotsubo Cardiomyopathy in a Pediatric Patient after a Serious Crash Injury–Case Report and Literature Review. Pediatr Rep. 2023 Jun 30;15(3):396–402. doi: 10.3390/pediatric15030036. PMID: 37489410; PMCID: PMC10366713
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Koliarakis I, Manatakis DK, **Tsitsipanis C**, Drakonaki E, Tsamandouras I, Tsiaoussis J. Spinal accessory nerve anatomy in the posterior cervical triangle: A systematic review with meta-analysis. Clin Anat. 2023 Sep 28. doi: 10.1002/ca.24119. Epub ahead of print. PMID: 37767816

- Ntotsikas K, Lazarioti S, Daraki V, Drakos E, Tsakalomatis PN, Syntzanaki EK, Moustakis N, Marinis AI, Salapatas-Gkinis A, Xekouki P, Vakis A, **Tsitsipanis C**. Thyroglobulin as a Rapid and Cost-Effective Biomarker for Diagnosis of Thyroid Carcinoma Brain Metastasis: A Case Report of a Patient with Metastatic Hurthle Cell Thyroid Carcinoma. Am J Case Rep. 2023 Oct 19;24:e939025. doi: 10.12659/AJCR.939025. PMID: 37853680
- **Tsitsipanis C**, Papadimitriou I, Tsoukaras I, Moustakis N, Lazarioti S, Theofanopoulos AK, Kritikou G, Ntotsikas K, Simos P, Kokkinakis E, Karabetsos D, Vakis A. Remarkable Recovery After Severe Gunshot Brain Injury: A Comprehensive Case Study of Functional Rehabilitation. Am J Case Rep. 2024 Jun 11;25:e941601. doi: 10.12659/AJCR.941601. PMID: 38859569
- Vassilopoulos T, **Tsitsipanis C**, Stavrakakis A, Ntotsikas K, Moustakis N, Theofanopoulos AK, Lazarioti S, Bartsokas C, Raouzaoui KM, Trikkos A, Kritikou G, Konidis E, Tsilimbaris MK, Yannopoulos A. A 52-Year-Old Man with Aneurysmal Subarachnoid Hemorrhage Associated with Delayed-Onset Vitreous Hemorrhage (Terson's Syndrome) Successfully Treated with Balloon-Assisted Coiling and Delayed Vitrectomy. Am J Case Rep. 2024 Aug 1;25:e943567. doi: 10.12659/AJCR.943567. PMID: 39086102
- Theofanopoulos A, Proklou A, Miliaraki M, Konstantinou I, Ntotsikas K, Moustakis N, Lazarioti S, Papadakis E, Kypraios G, Angelidis G, Vaki G, Kondili E, **Tsitsipanis C**. Post-Traumatic Cerebral Venous Sinus Thrombosis (PtCVST) Resulting in Increased Intracranial Pressure during Early Post-Traumatic Brain Injury Period: Case Report and Narrative Literature Review. Healthcare (Basel). 2024 Sep 1;12(17):1743. doi: 10.3390/healthcare12171743. PMID: 39273767; PMCID: PMC11395700
- Vassilopoulos T, Miliaraki M, **Tsitsipanis C**, Ntotsikas K, Chochlidakis N, Karabetsos D, Moustakis N, Theofanopoulos A, Lazarioti S, Papastergiou V, Kritikou G, Yannopoulos A. Progressive Quadriparesis of a Toddler with a Posterior Cranial Fossa Arachnoid Cyst (AC): Illustrative Case Report and Narrative Literature Review. Children (Basel). 2024 Nov 29;11(12):1463. doi: 10.3390/children11121463. PMID: 39767892; PMCID: PMC11675053

## Publications as a Collaborator

- Clark, D., Joannides, A., Adeleye, A.O., Bajamal, A.H., Bashford, T., Biluts, H., Budohoski, K., Ercole, A., Fernández-Méndez, R., Figaji, A., Gupta, D.K., Härtl, R., Iaccarino, C., Khan, T., Laeke, T., Rubiano, A., Shabani, H.K., Sichizya, K., Tewari, M., Tirsit, A., Thu, M., Tripathi, M., Trivedi, R., Devi, B.I., Servadei, F., Menon, D., Kolas, A., Hutchinson, P., **Global Neurotrauma Outcomes Study collaborative**, 2022. Casemix, management, and mortality of patients receiving emergency neurosurgery for traumatic brain injury in the Global Neurotrauma Outcomes Study: a prospective observational cohort study. Lancet Neurol 21, 438–449. [https://doi.org/10.1016/S1474-4422\(22\)00037-0](https://doi.org/10.1016/S1474-4422(22)00037-0). Corresponding author: Clark, D. Member of the Global Neurotrauma Outcomes Study collaborative.

- Robertson, F.C., Esene, I.N., Kolias, A.G., Khan, T., Rosseau, G., Gormley, W.B., Park, K.B., Broekman, M.L.D., **Global Neurosurgery Survey Collaborators**, 2020. Global Perspectives on Task Shifting and Task Sharing in Neurosurgery. World Neurosurg X 6, 100060. <https://doi.org/10.1016/j.wnsx.2019.100060>. Corresponding author: Robertson, F.C.. Member of the Global Neurosurgery Survey Collaborators.
- Naser PV, Tsitsopoulos P, Zacharias F, Castaño-Leon AM, Buki A, Depreitere B, Van Essen T, Korhonen TK, Mee H, Hossain I, Posti J, Lippa L, Papadopoulos MC, Terpolilli N, Marklund N, Petr O, Toth P, Luoto T, Krieg SM, Unterberg AW, Younsi A; **European Cranioplasty Survey Group**. The current state of cranioplasty in Europe – Results from a European cranioplasty survey. Brain Spine. 2025 Feb 17;5:104214. doi: 10.1016/j.bas.2025.104214. PMID: 40103849; PMCID: PMC11914825. Member of the European Cranioplasty Survey Group.

## Teaching Experience

### Undergraduate Level

#### **Educational Program – Medical Students, Medical School of the University of Ioannina (General Surgery)**

Participated in the training program for medical students at the Medical School of the University of Ioannina in General Surgery at the University General Hospital of Ioannina. Contributions included:

- Clinical Training: Supervised practical training in the department.
- Lectures: Delivered lectures in the amphitheater as part of the surgical curriculum. Some lectures were conducted after the completion of my clinical training.

Supervising Professors:

- Professor Nikolaos Xyropotamos
- Assistant Professor Konstantinos Vlachos

Timeline: February 2011 – March 2013

#### **Educational Program – Medical Students, Medical School of the University of Crete (Neurosurgery)**

Role: Scientifically responsible—along with Professor Antonis Vakis, who assigned me the role—for organizing the theoretical and practical training program for medical students (Medical School of Crete, ERASMUS, IFMSA Professional Exchange Program, etc.) training in the Neurosurgery Department of the University General Hospital of Heraklion.

Period: August 2015 – August 2023

Since August 2015, I had successfully implemented a structured clinical and theoretical education program in the Neurosurgery Department for at least 41 students from both the Medical School of Crete and international medical schools. Each student completed a minimum one-month training period.

Program Structure

Theoretical Component

Included interactive discussions and lectures on:

- Clinical and diagnostic reasoning
- Cognitive biases in medical decision-making
- Soft skills and interdisciplinarity in modern medicine
- History of neuroscience & philosophy of mind
- Doctor-patient relationship

- Clinical & surgical neuroanatomy
- Neuropathophysiology & therapeutics of neurological diseases
- Neuroradiology & critical care management
- Interpretation of laboratory test results
- Review & discussion of scientific literature, guidelines, and rare clinical cases

#### Practical Component

Included hands-on training in:

- Clinical and neurological examination of patients
- Basic practical medical skills

This program was designed for:

- Medical School of Crete students attending clinical training as part of the "*August Clinical*" curriculum or voluntarily
- International students participating through established exchange programs or clinical training from other countries

#### **Member of the Teaching Staff – Neuroanatomy Course, Medical School, University of Crete**

Since the 2015–2016 academic year, I have been a teaching staff member for the compulsory first-year course "Neuroanatomy" at the Medical School of the University of Crete.

Course Instructors:

- Professor Antonis Vakis (2015–2016, 2016–2017, 2017–2018, 2018–2019, 2019–2020, 2020–2021, 2021–2022)
- Professor Ioannis Tsiaoussis (2023–2024, 2024–2025)

Innovative Teaching Methods & Educational Tools

As part of the Neuroanatomy course, we introduced interactive teaching methods and online tools to actively engage first-year students.

Key Initiatives:

- Neuroanatomy Laboratories  
Established in 2021–2022  
Conducted annually using teaching models for hands-on learning
- Neuroanatomy Workshops  
Introduced in 2017–2018  
Conducted alongside lectures  
Senior students serve as tutors, utilizing diverse educational tools:  
Videos, diagrams, mnemonic techniques, quizzes, and online applications
- Social Media & Online Engagement for continuous scientific dialogue
- Interactive Online Learning

NeuroTeam Initiative

In 2017, we established the NeuroTeam, a scientific group of students, physicians, and researchers (~210 members). The group's mission includes:  
Fostering student and scientific interest in Neuroscience and

Neuroanatomy

Encouraging interdisciplinary collaboration

Promoting research and education on the human brain

#### **Lectures on Neuroanatomy – Medical School, University of Cyprus**

During the 2019–2020 academic year, I was an invited lecturer in the Anatomy course for third-year medical students at the Medical School of the University of Cyprus.

Course Supervisor: Lecturer Georgios Pafitanis

Course Coordinator: Assistant Professor Dimitrios Durakis

I conducted three two-hour online lectures.

Additional Academic Contribution:

I also participated in an online event organized by the Anatomy Department via Microsoft Teams, held alongside the Neuroanatomy lectures.

Event Title: *Exploring the Brain*

- Lecture Topic: *Uncommon Clinical Syndromes Following Cortical Brain Lesions*
- Date: July 17, 2020

#### **Member of the Teaching Staff – Elective Course "Neurosurgery", Medical School, University of Crete**

Since the 2019–2020 academic year I have been a member of the teaching staff for the elective course "Neurosurgery" at the Medical School of the University of Crete.

Course Instructor:

- Professor Antonis Vakis (2019–2020, 2020–2021, 2021–2022, 2022–2023)
- Professor Panagiotis Mitsias (2023–2024, 2024–2025)

Within the Neurosurgery course, we implemented interactive teaching methods and utilized various online tools, actively engaging students in the learning process.

Although clinical training is not mandatory for this elective course, a significant number of students voluntarily participated in clinical training under my supervision.

#### **Member of the Teaching Staff – Course "Neurology", Medical School, University of Crete**

I am also a member of the teaching staff for the course "Neurology", at the Medical School of the University of Crete, during the following academic years:

- 2023–2024
- 2024–2025

Course Instructor: Professor Panagiotis Mitsias

#### **Member of the Teaching Staff – Course "Neuroanatomy", International Program in Medicine, University of Crete**

Member of the teaching staff for the course "Neuroanatomy" at the Medical School of the University of Crete during the academic years 2023–2024 and 2024–2025. Course instructor: Professor Ioannis Tsiaoussis

#### **Instructor in numerous Suture Skills Learning Seminars for Medical Students, organized by HELMSIC.**

#### **Trainer at the Clinical Neurosurgery Workshop**

Conducted as part of the "1st Emergency Management Incidents Seminar", organized by the Scientific Society of Hellenic Medical Students, Heraklion Chapter.

Date: May 20, 2018.

#### **Scientific Coordinator for the 1st Medical Students' Scientific Debate, University of Crete**

Organized by the Scientific Society of Hellenic Medical Students, Heraklion Chapter.

Date: April 11, 2019.

#### **Lecture: "The Specialty of Neurosurgery"**

Delivered at a conference organized by the Hellenic Medical Students' International Committee (HELMSIC), Local Committee of Heraklion, Medical

School, University of Crete.

Year: 2020.

**Scientific Supervisor – Neurosurgery Round Table, 28th Scientific Congress of Hellenic Medical Students of Greece**

Round Table: *KRE08 Neurosurgery*

Topic: "An Approach to the Modern Diagnostic and Therapeutic Management of Central Nervous System Tumors Based on a Real Clinical Case."

Presiding: Antonios Vakis, Christos Tsitsipanis, Fotios Degaitis.

Student Presenters: Fotios Degaitis, Andreas Christodoulou, Athanasios Theofanopoulos, Maria Petrou, Nikolaos Loukas.

Organized by the Scientific Society of Hellenic Medical Students.

Location: Athens, Greece.

Date: May 13-15, 2022.

**Instructor and Scientific Coordinator – Workshop: "Exploring the Brain and Human Identity Through Clinical Stories: Neuroanatomy and Uncommon Neurological Syndromes"**

Scientific Supervisor: Christos Tsitsipanis

Instructors: Maria Drakaki, Athanasios Theofanopoulos, Sophia Lazarioti, Nikolaos Moustakis, Stavroula Bandra, Athanasios Nicolaou, Konstantinos Ntotsikas, Eleftherios Pitsidopoulos, Nikolaos Faraklas-Perdikouris, Ioanna Fousteri.

Conducted as part of the *6th Clinical Course of Internal Medicine and Surgery (CCIMS)*, Patras Branch of the Hellenic Medical Students' International Committee.

Location: Patras, Greece.

Date: December 9-11, 2022.

**Instructor and Scientific Supervisor – Interactive Workshop: "Functional Anatomy of the Brain"**

Workshop utilizing anatomical models, conducted as part of the conference organized by the Medical School of Crete for *International Brain Awareness Week*.

Target Audience: Secondary school students.

Date: March 17, 2023.

## **Graduate Level**

**Instructor of Neurosurgery Residents – Neurosurgery Department, University General Hospital of Heraklion**

Scientifically responsible for organizing the theoretical educational program for neurosurgery trainees at the University General Hospital of Heraklion, covering Neurosurgical Anatomy, Clinical Neuroanatomy, and Neurosurgery. Supervising Professors: Professor Antonis Vakis (2019–2023), Professor Panagiotis Mitsias (2023–2024, 2024–2025)  
Period: March 2020–present

**Trainer in Trauma Emergency Prehospital Care Programs**

Certified trainer in Prehospital Trauma Life Support (PHTLS) programs, conducted by the National Center of PHTLS Greece, following successful completion of instructor training courses. These programs are certified by the National Association of Emergency Medical Technicians (NAEMT).

### **Educational Program – Pediatric Intensive Care Unit, University General Hospital of Heraklion**

Delivered an interactive lecture on intracranial monitoring, including a simulation of device placement for measuring intracranial pressure.

Academic Years & Supervisors:

2017–2018: Supervisor – Giorgos Briassoulis

2018–2019: Supervisor – Stavroula Ilia

2019–2020: Supervisor – Stavroula Ilia

Lecture Dates: January 10, 2018; January 18, 2019; April 10, 2020

### **Educational Program – Adult Intensive Care Unit, University General Hospital of Heraklion**

Presented a case study on traumatic cerebral venous sinus thrombosis as part of the Adult Intensive Care Unit's educational program.

Supervisor: Eumorfia Kondyli

Date of Lecture/Discussion: April 14, 2022

### **Educational Program – Neonatology Department & Neonatal Intensive Care Unit (NICU), University General Hospital of Heraklion**

Presented a lecture titled "PIVH: Diagnosis and Treatment" as part of the Educational Program of the Neonatology Clinic and NICU.

Supervisor: Eleftheria Hatzidaki

Date of Presentation: November 30, 2022

## **Postgraduate Level**

### **Postgraduate Program "Global Health – Disaster Medicine"**

Scientific associate, instructor, and workshop trainer in the Postgraduate Program "Global Health – Disaster Medicine" (formerly titled "International Medicine – Health Crisis Management") at the Medical School of the National and Kapodistrian University of Athens (2018–present).

Additionally, in 2017, before completing my studies in the program, I participated as a trainer for junior students in program activities.

Selected Activities:

- Instructor & Facilitator – 7th International Conference: Management of Disaster Victims (October 6–11, 2017, Rhodes, Greece)
- Instructor, Facilitator & Organizing Committee Member – 8th International Conference: Management of Disaster Victims (October 9–13, 2018, Rhodes, Greece)
- Instructor, Facilitator & Organizing Committee Member – Intensive Seminar: Basic Principles in Emergency Prehospital Medical Care (February 22–23, 2019, Athens, Greece)
- Instructor & Facilitator – 11th International Conference: Management of Disaster Victims (October 14–18, 2021, Rhodes, Greece)

### **Postgraduate Program of "Emergency and Intensive Care in Children, Adolescents, and Young Adults"**

Scientific Associate in the Postgraduate Program "Emergency and Intensive Care in Children, Adolescents, and Young Adults", Medical School, University of Crete (2022–present).

### **Postgraduate Program of "Forensic Medicine Anthropology and Imaging"**

Tutor in the Postgraduate Program "Forensic Medicine, Anthropology, and Imaging", Medical School, University of Crete (2023–present).

### **Postgraduate Program of “Biomedical Engineering”**

Educator in the Postgraduate Program "Biomedical Engineering", School of Medicine, Department of Computer Science, Department of Materials Science and Technology of the University of Crete, School of Electrical and Computer Engineering of the Technical University of Crete, and the Foundation for Research and Technology-Hellas (FORTH).

### **Postgraduate Program of “Neurosciences. Linking Basic Science with Clinical Application”**

Member of the Teaching Staff in the Postgraduate Program "Neurosciences – Linking Basic Science with Clinical Application", Medical School, Aristotle University of Thessaloniki (2024–present).

## **Research Experience**

### **Researcher at the University Neurosurgery Department of the University General Hospital of Heraklion, School of Medicine, University of Crete.**

#### **Investigation of the Relationship between Procalcitonin (PCT) and C-Reactive Protein (CRP) Blood Levels with Postoperative Infections in Neurosurgical Patients.**

Principal investigators: A. Vakis, C.Tsitsipanis

#### **Outcome of Patients Undergoing Decompressive Craniectomy for the Treatment of Traumatic Brain Injury: Case Study and Literature Review**

Principal investigator: C.Tsitsipanis

## **Research Collaborations**

### **Institute of Informatics and Telecommunications, National Centre of Scientific Research "Demokritos"**

Currently engaged in an interdisciplinary research collaboration with the Institute of Informatics and Telecommunications at the National Center for Scientific Research "Demokritos". The collaboration focuses on applying machine learning methods in medicine and supervising diploma theses. Collaboration Supervisor: Giorgos Giannakopoulos

As part of this collaboration, I provided scientific guidance for the following diploma thesis:

Georgios Noikos, "Machine Learning for the Development of a Model to Predict Early Impending Sepsis in Neurosurgical Patients."

Diploma Work, School of Electrical and Computer Engineering, Technical University of Crete, Chania, Greece, 2023.

DOI: 10.26233/heallink.tuc.97800

### **Adult Intensive Care Unit, University General Hospital of Heraklion, Medical School, University of Crete**

Currently engaged in an interdisciplinary research collaboration with the Adult Intensive Care Unit at the University General Hospital of Heraklion, Medical School, University of Crete. The collaboration focuses on the study of adult patients with traumatic brain injury. Collaboration Co-Leader: Eumorfia Kondyli

**Pediatric Intensive Care Unit, University General Hospital of Heraklion, Medical School, University of Crete**

Currently engaged in an interdisciplinary research collaboration with the Pediatric Intensive Care Unit at the University General Hospital of Heraklion, Medical School, University of Crete. The research focuses on pediatric patients with traumatic brain injury.

Collaboration Co-Leader: Stavroula Ilia

**Department of Anatomy, Medical School, University of Crete**

The research focuses on:

The effectiveness of modern educational tools and methods in teaching anatomy to medical students.

Systematic reviews and meta-analyses on topics related to the anatomy of the peripheral nervous system.

Head of Department: Ioannis Tsiaoussis

**Department of Clinical Chemistry, Medical School, University of Crete**

Currently engaged in an interdisciplinary research collaboration with the Department of Clinical Chemistry, Medical School, University of Crete, initiated as part of my doctoral thesis. The research focuses on studying molecular biomarkers in the blood of patients with traumatic brain injury.

Collaboration Co-Leader: Maria Venichaki

**Participation in Multicenter Studies**

**GNOS–Global Neurotrauma Outcomes Study**

Local study lead investigator for University General Hospital of Heraklion.

*“GNOS was a prospective, multi-centre, international cohort study of outcomes following emergency surgery for TBI run by the NIHR Global Health Group on Neurotrauma at University of Cambridge. The study ran between October 2018 and December 31st 2019.”*

**GEO–TBI: Incidence study**

Local study lead investigator for University General Hospital of Heraklion.

*“GEO–TBI is a multi-centre, international, registry-based, prospective cohort study. This study is endorsed by the World Federation of Neurological Surgeons (WFNS). Funding for the administrative costs of this study are being provided by the National Institute of Health Research (NIHR) Global Health Research Group on Neurotrauma. The study runs between 1st of October 2022 and 31st October 2023.”*

**Organization Qualifications**

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**Pan-Hellenic Neuroanatomy Conference**

Served as the idea instigator, organizational coordinator, member of the organizing committee, and scientific supervisor, along with Mr. Antonis Vakis, for the establishment of the Neuroanatomy Conference. The conference is organized within the framework of the Neuroanatomy course at the Medical School of the University of Crete.

Below are details of the three conferences held to date:

- 1st Pan-Hellenic Online Neuroanatomy Conference

Title: *“Neuroanatomical Interpretation of Uncommon Neurological*

*Syndromes."*

Date: May 15–16, 2021

Format: Online event (due to the pandemic)

Organizers: NeuroTeam, Hellenic Society for Neuroscience, Medical School of the University of Crete, Medical Association of Heraklion

- 2nd Pan-Hellenic Hybrid Neuroanatomy Conference

Title: *"The Neuroanatomical Basis of Human Communication, Language, Art, and Emotion: The Human Brain Interacts with Its Peers."*

Date: May 21–22, 2022

Location: Medical School, University of Crete, Heraklion

Format: Hybrid event

Organizers: NeuroTeam, Hellenic Society for Neuroscience, Medical School of the University of Crete, Medical Association of Heraklion

- 3rd Pan-Hellenic Hybrid Neuroanatomy Conference

Title: *"The Neuroanatomical Basis of Psychiatric Disorders: When Cognition, Emotion, Perception, and Behavior Are Affected."*

Date: May 13–14, 2023

Location: Medical School, University of Crete, Heraklion

Format: Hybrid event

Organizers: NeuroTeam, Hellenic Society for Neuroscience, Medical School of the University of Crete

- 4th Hybrid Neuroanatomy Conference

Title: *"Brain-Machine Interfaces: The Neuroanatomical Basis of Devices Interfacing the Human Nervous System with a Computer for Medical Purposes"*

Date: October 12–13, 2024

Location: Medical School, University of Crete, Heraklion

Format: Hybrid event

Organizers: NeuroTeam, Medical School of the University of Crete

### **Neuroanatomy Summer School**

Served as the idea initiator, organizational coordinator, member of the organizing committee, and scientific supervisor, along with Professor Antonis Vakis and Associate Professor Ioannis Tsiaousis, for the establishment of the Neuroanatomy Summer School.

The 1st Neuroanatomy Summer School took place from July 17 to July 24, 2023, under the title: "The Human Brain in Space: Neuroanatomy from Research to Clinical Practice."

**Member of the local organization committee of the conference, "12th Annual Neurosurgery Nurses meeting". Chania, Greece. 25 May 2018.**

**Member of the organization committee of the conference, 8th International Conference: "Management of Disaster Victims". Rhodes, Greece. 9–13 October 2018.**

**Member of the scientific committee of the conference, "25th Scientific Conference of Hellenic Medical Students". Thessaloniki Concert Hall. 10–12 May 2019.**

**Member of the scientific committee of the conference, "27th 25th Scientific Conference of Hellenic Medical Students". Online event. April 16–18, 2021.**

**Member of the scientific committee of the conference, "28th 25th Scientific Conference of Hellenic Medical Students". Athens. May 13–15, 2022.**

### NEUROSURGERY Publications

Editorial Board Member in "Neurosurgery", serving as Neurosurgery Speaks! Operations contributor. Period: 2019–2022.

Editorial Board Member in "Operative Neurosurgery", serving as Operative Neurosurgery Speaks! Operations contributor. Period: 2019–2022.

### Awards and Distinctions

#### • Prize

Title: Application of an Adapted GCS (Glasgow Coma Scale) Level of Consciousness Assessment Scale in a Series of Patients with Traumatic Brain Injury (TBI) and Literature Review

Presentation Type: Oral Presentation

Authors: K. Ntotsikas, C. Tsitsipanis, C. Bartsokas, E. Diamantakis, A. Bountoutsidis, A. Vakis

Event: 4th Panhellenic Congress on Emergency Medicine

Venue: Royal Olympic Hotel, Athens, Greece

Date: October 19–21, 2018

#### • 3rd Prize in the Medical Case Report Section

Title: *CNS Mixed Germ Cell Tumor Peritoneal Seeding: Case Presentation and Literature Review*

Presentation Type: Oral Presentation

Authors: C. Tsagkaris, C. Tsitsipanis, A. Vakis, N. Chochlidakis

Event: Third Edition of the International Medical Students' Congress of Bucharest

Organizer: Medical Students' Society of Bucharest, under the aegis of the *Carol Davila* University of Medicine and Pharmacy of Bucharest

Date: December 4–8, 2019

### Teaching Evaluation by University Students

The official evaluations by students attending the undergraduate courses Neuroanatomy and Neurosurgery have been overwhelmingly positive.

### Past Memberships

- American Association of Neurological Surgeons (AANS) – International Candidate Member as a resident (during part of my residency)
- World Spinal Column Society – Honorary Free Member (September 2020–November 30, 2020)
- Association for Computing Machinery (ACM) – Membership No. 1321076 (December 2022–December 2023)

### Current Memberships

- Medical Association of Heraklion (2015–present)
- Pronosokomiaki Frontida (2018–present)
- Hellenic Society of Neurosurgery (May 27, 2021–present)

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- Hellenic Society for Neuroscience (July 2021–present)
  - Federation of European Neuroscience Societies (FENS) – Member through the Hellenic Society for Neuroscience (July 2021–present)
  - European Society of Intensive Care Medicine (ESICM) (January 2025–present)