

DIMITRIOS CHYTAS, MD, MSc, PhD

(CURRICULUM VITAE)

I. Personal Information

Name: Dimitrios Chytas

Date of birth: January 29, 1982

Place of birth: Larissa, Greece

Nationality: Greek

Home address: 75, Theotokopoulou Str., 11144, Athens, Greece

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II. Education

1) High School: Larissa, Greece

2) Medical School: Aristotle's University of Thessaloniki, Greece

III. Qualifications

- 1) PhD, presented on November 20, 2018, graded with “Excellent” and entitled: “Morphometric study of the C2 vertebra in the Greek population and its clinical significance in cervical spine surgery”.
- 2) MSc in “Clinical Anatomy and Education”, Hull-York Medical School, United Kingdom, awarded on April 27, 2018.
- 3) Title of Specialty in Orthopaedic Surgery (February 2016).
- 4) Degree of Medicine from Aristotle’s University of Thessaloniki (July 2005).
- 5) European Pediatric Life Support (EPLS) provider (since December 2009).
- 6) Advanced Cardiac Life Support (ACLS) provider (since September 2009).
- 7) Basic Life Support (BLS) provider (since June 2009).
- 8) Advanced Trauma Life Support (ATLS) provider (since June 2008).
- 9) Knowledge about Computer (ECDL certificate, February 2006).

IV. Languages

- 1) Greek (native).
- 2) English (perfect knowledge, IELTS academic-date of examination 16/04/2016, Certificate of Proficiency from University of Michigan, March 1998).
- 3) French (perfect knowledge, certificate DALF C2, December 2008).

V. Working Experience

- 1) Doctor in the service of Greek Army (February 2007-February 2008).
- 2) Resident of Surgery in General Hospital of Trikala (August 2008-October 2009).
- 3) Doctor of Primary Health Care in General Hospital of Trikala (November 2009-April 2010).
- 4) Resident of Pediatric Orthopaedics in General Hospital "Agia Sofia" in Athens (April 2010-April 2011).
- 5) Doctor of Primary Health Care in General Hospital of Grevena (August 2011-January 2012).

- 6) Resident of the 2nd Orthopaedic Department of the University of Athens in “Konstantopouleio-Patission” Hospital (January 2012-January 2016).
- 7) Private practice as Orthopaedic surgeon (from 2017).
- 8) Scientific collaborator in Orthopaedic surgery/Musculoskeletal anatomy in European University of Cyprus (from February 2019).
- 9) Scientific collaborator in Anatomy in University of West Attica (winter semester 2020-2021).
- 10) Assistant Professor of Functional Anatomy in the Department of Physiotherapy of University of Peloponnese (from 01/10/2021)

VI. Courses attended

- 1) Attendance of congress of surgery of central Greece (Larissa, December 2007).
- 2) Attendance of congress of surgery of central Greece (Larissa, June 2009).
- 3) Attendance of the annual congress of the Greek Association of Orthopaedics and Traumatology (Thessaloniki, October 2009).
- 4) Attendance of Team Physician Development Course of International Federation of Sports Medicine (FIMS) (Thessaloniki, November 2009).

- 5) Attendance of international seminar of wrist problems (Thessaloniki, January 2010).
- 6) Attendance of international seminar with hands-on training “Management of articular cartilage injuries” (Thessaloniki, February 2010).
- 7) Attendance of international congress of Sports Medicine Association of Greece and Greek-Cypriot Sports Medicine congress (Veria, March 2010).
- 8) Attendance of the annual congress of the Orthopaedic and Traumatologic Association of Macedonia and Thrace (Alexandroupoli, April 2010).
- 9) Attendance of seminar “emergency sports medicine problems with hands-on training” organized by the Greek Association of Sports Medicine (Thessaloniki, December 2010).
- 10) Attendance of seminar of management of developmental dysplasia of hip of newborn with the use of ultrasound (Athens, March 2011).
- 11) Attendance of the annual congress of the Greek Association of Orthopaedics and Traumatology (Athens, October 2012).
- 12) Attendance of the AO course “Principles in Fracture Management “(Heraklion, March 2013).

- 13) Attendance of the annual congress of the Greek Association of Orthopaedics and Traumatology (Athens, October 2013).

- 14) Attendance of the annual congress of the Greek Association of Orthopaedics and Traumatology (Athens, October 2014).

- 15) Attendance of symposium of arthroscopic and open shoulder surgery (Athens, May 2015).

- 16) Attendance of the annual congress of the Greek Association of Orthopaedics and Traumatology (Athens, October 2015).

- 17) Attendance of congress of the Greek Association of Reconstructive Microsurgery and the Greek Association of Hand and Upper Limb Surgery (Ioannina, November 2015).

- 18) Attendance of program of continuing education in pain medicine (1st seminar, Athens, March 2018).

- 19) Attendance of program of continuing education in pain medicine (2nd seminar, Athens, June 2018).

- 20) Attendance of program of continuing education in pain medicine (3rd seminar, Athens, September 2018).

- 21) Attendance of program of continuing education in pain medicine (4th seminar, Athens, November 2018) and completion of the annual program.

22) Specialization in acupuncture (two-year courses, 2018-2020)

23) Attendance of seminar about lumbar back pain (11/2021)

VII. Published papers

Gestures-enhanced anatomy teaching: A literature review of an educational strategy with promising outcomes.

Chytas D, Salmas M, Paraskevas G, Demesticha T, Kefaliakos A, Stavroulakis A, Noussios G.

Morphologie. 2022 May 31:S1286-0115(22)00054-6.

Can virtual environments be detrimental for anatomy education of students with low spatial ability? The important role of assessment methods.

Chytas D, Salmas M, Demesticha T, Troupis TG.

Anat Sci Educ. 2022 May 5. doi: 10.1002/ase.2185.

Anterior and Posterior Cruciate Ligaments Mechanoreceptors: A Review of Basic Science.

Banios K, Raoulis V, Fyllos A, **Chytas D**, Mitrousias V, Zibis A.

Diagnostics (Basel). 2022 Jan 27;12(2):331. doi: 10.3390/diagnostics12020331.

Do virtual dissection tables add benefit to cadaver-based anatomy education? An evaluation.

Chytas D, Salmas M, Noussios G, Paraskevas G, Protogerou V, Demesticha T, Vassiou A.

Morphologie. 2022 Feb 5:S1286-0115(22)00002-9. doi: 10.1016/j.morpho.2022.01.002.

A Review of the Use of Virtual Reality for Teaching Radiology in Conjunction With Anatomy.

Chytas D, Salmas M, Demesticha T, Noussios G, Paraskevas G, Chrysanthou C, Asouhidou I, Katsourakis A, Fiska A.

Cureus. 2021 Dec 5;13(12):e20174. doi: 10.7759/cureus.20174.

A Review of the Outcomes of the Implementation of Case-Based Anatomy Learning.

Chytas D, Mitrousias V, Raoulis V, Banios K, Fyllos A, Zibis AH.

Cureus. 2021 Nov 1;13(11):e19179. doi: 10.7759/cureus.19179.

Surgical and Radiological Anatomy of the Medial Patellofemoral Ligament: A Magnetic Resonance Imaging and Cadaveric Study.

Raoulis V, Fyllos A, Klontzas ME, **Chytas D**, Mitrousias V, Banios K, Maris TG, Karantanas AH, Zibis A.

Diagnostics (Basel). 2021 Nov 10;11(11):2076. doi: 10.3390/diagnostics11112076.

Surgical Implications of the Arterial Anatomy around the Knee: A Cadaveric Pictorial Essay.

Fyllos A, Raoulis V, Mitrousias V, Banios K, **Chytas D**, Zibis A.

Diagnostics (Basel). 2021 Oct 28;11(11):2004. doi: 10.3390/diagnostics11112004.

The important role of interaction when virtual reality is used for anatomy education.

Chytas D, Salmas M, Demesticha T, Troupis TG.

Anat Sci Educ. 2021 Nov 11. doi: 10.1002/ase.2154.

Mixed reality for visualization of orthopedic surgical anatomy.

Chytas D, Nikolaou VS.

World J Orthop. 2021 Oct 18;12(10):727-731. doi: 10.5312/wjo.v12.i10.727.

Incidence of Extrahepatic Portal Vein Anatomic Variations and Their Clinical Implications in Daily Practice.

Katsourakis A, **Chytas D**, Filo E, Chatzis I, Chouridis P, Komsis G, Noussios G.

J Clin Med Res. 2021 Sep;13(9):460-465. doi: 10.14740/jocmr4581.

"Dissection Educational Videos" (DEVs) and their contribution in anatomy education: a students' perspective.

Natsis K, Lazaridis N, Kostares M, Anastasopoulos N, **Chytas D**, Totlis T, Piagkou M.

Surg Radiol Anat. 2022 Jan;44(1):33-40. doi: 10.1007/s00276-021-02829-z.

Evaluation of the use of cadaveric computed tomography in anatomy education: An overview.

Chytas D, Salmas M, Paraskevas G, Demesticha T, Skandalakis GP, Lazaridis N, Katsourakis A, Noussios G.

Morphologie. 2021 Aug 31:S1286-0115(21)00194-6. doi: 10.1016/j.morpho.2021.08.002.

Can low-fidelity models be effective anatomy teaching tools?

Chytas D, Piagkou M, Skandalakis GP, Natsis K.

Surg Radiol Anat. 2022 Jan;44(1):3-4. doi: 10.1007/s00276-021-02818-2.

Letter to the Editor Regarding "Online Neuroanatomy Education and Its Role During the Coronavirus Disease 2019 (COVID-19) Lockdown".

Skandalakis GP, Noussios G, Paraskevas G, Salmas M, Katsourakis A, **Chytas D**.

World Neurosurg. 2021 Aug;152:238. doi: 10.1016/j.wneu.2021.04.110.

Three-dimensional printed temporal bone models: Are they more effective than virtual ones as anatomy education, surgical planning and training tools?

Skandalakis GP, Salmas M, Noussios G, Paraskevas G, Lazaridis N, **Chytas D**.

Auris Nasus Larynx. 2022 Feb;49(1):162-163. doi: 10.1016/j.anl.2021.07.004.

Letter to the Editor Regarding "Neuroanatomy Teaching in Australian and New Zealand Medical Schools".

Skandalakis GP, **Chytas D**, Salmas M, Paraskevas G, Saramantas G, Noussios G.

World Neurosurg. 2021 Jul;151:298-299. doi: 10.1016/j.wneu.2021.03.099.

Augmented and virtual reality in anatomy education: Can they be effective if they do not provide immersive experience?

Chytas D, Salmas M, Skandalakis GP, Troupis TG.

Anat Sci Educ. 2022 Mar;15(2):431-433. doi: 10.1002/ase.2119.

The COVID-19 Pandemic Is an Opportunity to Enhance Research on Remote Digital Anatomy Teaching Platforms.

Chytas D, Salmas M, Troupis T.

Acad Med. 2021 Sep 1;96(9):e25-e26. doi: 10.1097/ACM.0000000000004200.

Can Immersive Virtual Reality Function as a Suitable Alternative to Conventional Anatomy Education Methods?

Chytas D, Salmas M, Skandalakis GP, Troupis TG.

Anat Sci Educ. 2021 Sep;14(5):693-694. doi: 10.1002/ase.2081.

Letter to the Editor Regarding: "Innovative Educational Pathways in Spine Surgery: Advanced Virtual Reality-Based Training".

Chytas D, Salmas M, Nikolaou VS, Babis GC, Kaseta MK, Skandalakis GP, Chronopoulos E.

World Neurosurg. 2021 Apr;148:225.

Virtual and augmented reality in anatomy education: Need for comparison with other three-dimensional visualization methods.

Skandalakis GP, **Chytas D**, Paraskevas G, Noussios G, Salmas M, Fiska A.

Morphologie. 2022 Jun;106(353):141-142.

Augmented Reality in Anatomy Education: Considerations for the Presence and Importance of Stereoscopic Visualization.

Chytas D, Salmas M, Noussios G, Kaseta MK, Chronopoulos E.

Acad Radiol. 2021 Jun;28(6):888.

Letter: Immersive 3-Dimensional Virtual Reality Modeling for Case-Specific Presurgical Discussions in Cerebrovascular Neurosurgery.

Chytas D, Salmas M, Noussios G, Demesticha T, Skandalakis GP, Paraskevas G.

Oper Neurosurg (Hagerstown). 2021 May 13;20(6):E458-E459.

Modern trabecular metal-backed glenoid components in total shoulder arthroplasty: What is the evidence? A systematic review.

Malahias MA, **Chytas D**, Kostretzis L, Trellopoulos A, Brilakis E, Antonogiannakis E. *Shoulder Elbow*. 2021 Feb;13(1):29-37.

Outcomes of the implementation of game-based anatomy teaching approaches: An overview.

Chytas D, Piagkou M, Natsis K.

Morphologie. 2022 Feb;106(352):8-14.

Autologous matrix-induced chondrogenesis for the treatment of osteochondral lesions of the talus: A systematic review.

Malahias MA, Kostretzis L, Megaloikonomos PD, Cantiller EB, **Chytas D**, Thermann H, Becher C.

Orthop Rev (Pavia). 2021 Jan 29;12(4):8872.

A systematic review of splenic artery variants based on cadaveric studies.

Manatakis DK, Piagkou M, Loukas M, Tsiaoussis J, Delis SG, Antonopoulos I, **Chytas D**, Natsis K.

Surg Radiol Anat. 2021 Aug;43(8):1337-1347.

A systematic classification of the left-sided aortic arch variants based on cadaveric studies' prevalence.

Natsis K, Piagkou M, Lazaridis N, Kalamatianos T, **Chytas D**, Manatakis D, Anastasopoulos N, Loukas M.

Surg Radiol Anat. 2021 Mar;43(3):327-345.

Decline of Cadaveric Dissection in Anatomy Education During the Covid-19 Pandemic: Can it Affect Future Surgeons' Competency?

Chytas D, Salmas M, Piagkou M, Johnson EO.

Anat Sci Educ. 2021 Mar;14(2):166-168.

Letter to the Editor Regarding "Tactile Skill-Based Neurosurgical Simulators Are Effective and Inexpensive".

Salmas M, **Chytas D**, Protogerou V, Demesticha T, Skandalakis GP, Troupis T.

World Neurosurg. 2020 Nov;143:591-592.

Does 3D stereoscopy support anatomical education?

Chytas D, Piagkou M, Natsis K.

Surg Radiol Anat. 2021 Apr;43(4):545-546.

Letter to the Editor Regarding: "Usefulness of 3D Printed Models in the Management of Complex Craniovertebral Junction Anomalies: Choice of Treatment Strategy, Design of Screw Trajectory, and Protection of Vertebral Artery."

Salmas M, Chronopoulos E, Nikolaou VS, Babis GC, Kaseta MK, Skandalakis GP, **Chytas D**.

World Neurosurg. 2020 Oct;142:558.

Letter to the Editor Regarding: "Three-Dimensional Virtual Intraoperative Reconstruction: A Novel Method to Explore a Virtual Neurosurgical Field".

Salmas M, **Chytas D**, Paraskevas G, Noussios G, Skandalakis GP, Troupis T.

World Neurosurg. 2020 Oct;142:543.

Letter Comments On: "Use of a virtual 3D anterolateral thigh model in medical education: Augmentation and not replacement of traditional teaching?"

Chytas D, Malahias MA, Kaseta MK.

Journal of Plastic, Reconstructive & Aesthetic Surgery 2020

Mixed and Augmented Reality: Distinct Terms, Different Anatomy Teaching Potential.

Chytas D, Piagkou M, Salmas M, Johnson EO.

Anat Sci Educ 2020 Aug 4. doi: 10.1002/ase.2009.

Pterional variable topography and morphology. An anatomical study and its clinical significance.

Natsis K, Antonopoulos I, Politis C, Nikolopoulou E, Lazaridis N, Skandalakis GP, **Chytas D**, Piagkou M.

Folia Morphol (Warsz) 2020 Sep 8. doi: 10.5603/FM.a2020.0113

Stereoscopic three-dimensional visualization: interest for neuroanatomy teaching in medical school.

Chytas D, Piagkou M, Natsis K.

Surg Radiol Anat. 2020 Jul 27. doi: 10.1007/s00276-020-02538-z.

Anatomy education in the modern digital era: Are the examinations results affected by the use of cadavers?

Chytas D, Salmas M, Piagkou M, Johnson EO.

Clin Anat. 2020 Jul 19. doi: 10.1002/ca.23653.

"Traditional" Methods of Cardiothoracic Surgical Simulation and Anatomical Education: Are they Adequate?

Chytas D, Piagkou M, Salmas M, Johnson EO.

Anat Sci Educ. 2020 Jun 29. doi: 10.1002/ase.1999.

Re: "Mixed reality computed tomography-based surgical planning for partial nephrectomy using a head-mounted holographic computer".

Salmas M, Protogerou V, **Chytas D**.

Int J Urol May 26. doi: 10.1111/iju.14272.

Letter to the Editor Regarding: "A Scoping Review of Medical Education Research in Neurosurgery."

Salmas M, **Chytas D**, Demesticha T, Protogerou V, Mazarakis A, Troupis T.

World Neurosurg 2020 Sep;141:541. doi: 10.1016/j.wneu.2020.05.152.

Letter to the Editor Regarding: "A Review of Physical Simulators for Neuroendoscopy Skills Training".

Salmas M, Paraskevas G, Noussios G, **Chytas D**.

World Neurosurg 2020 Sep;141:529-530. doi: 10.1016/j.wneu.2020.05.115.

Letter to the Editor Regarding: "Development and Evaluation of a Pediatric mixed reality model for Neuro endoscopic surgical training."

Salmas M, Troupis T, Noussios G, **Chytas D**.

World Neurosurg 2020 Aug;140:445. doi: 10.1016/j.wneu.2020.05.088.

Letter to the Editor Regarding: "Enhancing Reality: A Systematic Review of Augmented Reality in Neuronavigation and Education".

Salmas M, Fiska A, Vassiou A, Demesticha T, Paraskevas G, Protogerou V, **Chytas D.**

World Neurosurg 2020 Aug;140:430-431. doi: 10.1016/j.wneu.2020.04.213.

Comment on: "A Novel Evaluation Model for a Mixed-Reality Surgical Navigation System: Where Microsoft HoloLens Meets the Operating Room".

Salmas M, Chronopoulos E, **Chytas D.**

Surg Innov 2020 Jun 3:1553350620927607. doi: 10.1177/1553350620927607.

The vague differentiation between artificial reality technologies in plastic surgery.

Salmas M, Chronopoulos E, **Chytas D.**

Plastic and Reconstructive Surgery Global Open 2020 Jun 9;8(6):e2909. doi: 10.1097/GOX.0000000000002909.

Letter to the Editor Regarding: "Recruiting Medical Students to Neurosurgery Through a Focused Neuroanatomy Lab Initiative".

Salmas M, Fiska A, Vassiou A, Demesticha T, Paraskevas G, **Chytas D.**

World Neurosurgery 2020 Jul;139:707. doi: 10.1016/j.wneu.2020.04.175.

Three-Dimensional printing in anatomy teaching: Current evidence

Chytas D, Johnson EO, Piagkou M, Tsakotos G, Babis GC, Nikolaou VS, Markatos K, Natsis K.

Surg Radiol Anat 2020 Jul;42(7):835-841. doi: 10.1007/s00276-020-02470-2.

Traumatic floating clavicle: Is this a rare injury?

Salmas M, Angelis S, **Chytas D**, Apostolopoulos A, Filippou D.

Cureus 2020 Apr 3;12(4):e7525. doi: 10.7759/cureus.7525.

Comment on: "Intraoperative 3D Hologram Support With Mixed Reality Techniques in Liver Surgery".

Chytas D, Chronopoulos E, Salmas M, Nikolaou VS, Kasetta MK, Babis GC.

Ann Surg. 2020 Jul 7. doi: 10.1097/SLA.0000000000004157.

Letter to the Editor Regarding: "Mixed Reality-Based Preoperative Planning for Training of Percutaneous Transforaminal Endoscopic Discectomy: A Feasibility Study".

Chytas D, Chronopoulos E, Salmas M, Babis GC, Nikolaou VS.

World Neurosurg 2020 Jul;139:660. doi: 10.1016/j.wneu.2020.03.129.

Three-dimensional digital technologies in anatomy education: Better than traditional methods, but are they better than cadaveric dissection?

Chytas D, Piagkou M, Salmas M, Johnson EO.

Clin Anat. 2020 Mar 20. doi: 10.1002/ca.23591.

Letter: Design and Validation of a Cervical Laminectomy Simulator using 3D Printing and Hydrogel Phantoms

Chytas D, Chronopoulos E, Salmas M, Babis GC, Kaseta MK, Nikolaou VS.

Oper Neurosurg (Hagerstown). 2020 May 11. pii: opaa118. doi: 10.1093/ons/opaa118.

Is Cadaveric Dissection The "Gold Standard" For Neuroanatomy Education?

Chytas D, Piagkou M, Salmas M, Johnson EO.

Anat Sci Educ. 2020 Mar 11. doi: 10.1002/ase.1957.

Letter to the Editor Regarding: "Biomimetic 3-Dimensional-Printed Posterior Cervical Laminectomy and Fusion Simulation: Advancements in Education Tools for Trainee Instruction."

Chytas D, Chronopoulos E, Salmas M, Babis GC, Nikolaou VS.

World Neurosurg 2020 May;137:495. doi: 10.1016/j.wneu.2020.03.019.

Can Three-Dimensional Visualization Technologies be More Effective than Cadavers for Dental Anatomy Education?

Chytas D, Piagkou M, Johnson EO.

Anat Sci Educ. 2020 Feb 27. doi: 10.1002/ase.1953.

Letter to the Editor Regarding: "Proposal of a New Safety Margin for Placement of C2 Pedicle Screws on Computed Tomography Angiography".

Chytas D, Korres DS, Babis GC, Chronopoulos E, Kaseta MK, Markatos K, Nikolaou VS.

World Neurosurg 2020 Mar;135:409. doi: 10.1016/j.wneu.2019.12.022.

Arthroscopic anatomic complete versus non-anatomic repair of massive rotator cuff tears: A systematic review of comparative trials

Malahias MA, **Chytas D**, Kostretzis L, Gkiatas I, Kokkineli S, Antonogiannakis E

Musculoskeletal Surgery 2020 Aug;104(2):145-154. doi: 10.1007/s12306-020-00648-w.

Modern trabecular metal-backed glenoid components in total shoulder arthroplasty: What is the evidence? A systematic review

Malahias MA, **Chytas D**, Kostretzis L, Trellopoulos A, Brilakis E, Antonogiannakis E.

Shoulder and Elbow 2020 doi: 10.1177/1758573220914277

Andreas Vesalius of Brussels (1514-1564): his contribution to the field of functional neuroanatomy and the criticism to his predecessors.

Markatos K, **Chytas D**, Tsakotos G, Karamanou M, Piagkou M, Mazarakis A, Johnson EO.

Acta Chir Belg 2020 Apr 29;1-5. doi: 10.1080/00015458.2020.1759887.

Letter to the Editor Regarding: "Immersive Three-Dimensional Modeling and Virtual Reality for Enhanced Visualization of Operative Neurosurgical Anatomy."

Chytas D, Chronopoulos E, Salmas M, Babis GC, Kasetta MK, Nikolaou VS.

World Neurosurg 2020 May;137:500-501. doi: 10.1016/j.wneu.2020.02.034.

Letter to the Editor Regarding "Development of a Novel 3D Printed Phantom for Teaching Neurosurgical Trainees the Freehand Technique of C2 Laminar Screw Placement."

Chytas D, Babis GC, Chronopoulos E, Kasetta MK, Markatos K, Nikolaou VS.

World Neurosurg 2020 Apr;136:437-438. doi: 10.1016/j.wneu.2020.01.105.

Application of three-dimensional reconstruction and printing as an elective course for undergraduate medical students: an exploratory trial.

Chytas D, Piagkou M, Natsis K.

Surg Radiol Anat. 2020 Jun;42(6):729-730. doi: 10.1007/s00276-020-02431-9.

Model pedagogy of human anatomy in medical education.

Chytas D, Piagkou M, Tsakotos G, Natsis K.

Surg Radiol Anat. 2020 Jul;42(7):853-854. doi: 10.1007/s00276-020-02437-3.

Iliac Crest Bone Grafting for the Management of Anterior Shoulder Instability in Patients with Glenoid Bone Loss: a Systematic Review of Contemporary Literature.

Malahias MA, **Chytas D**, Raoulis V, Chronopoulos E, Brilakis E, Antonogiannakis E.

Sports Med Open. 2020 Feb 11;6(1):12. doi: 10.1186/s40798-020-0240-x. Review.

Bone grafting in primary and revision reverse total shoulder arthroplasty for the management of glenoid bone loss: A systematic review.

Malahias MA, **Chytas D**, Kostretzis L, Brilakis E, Fandridis E, Hantes M, Antonogiannakis E.

J Orthop. 2019 Dec 10;20:78-86. doi: 10.1016/j.jor.2019.12.005. eCollection 2020 Jul-Aug.

The clinical outcome of the Metha short hip stem: a systematic scoping review.

Malahias MA, Tejaswi P, **Chytas D**, Kadu V, Karanikas D, Thorey F.

Hip Int. 2020 Feb 4;1120700020903719. doi: 10.1177/1120700020903719.

The role of augmented reality in Anatomical education: An overview.

Chytas D, Johnson EO, Piagkou M, Mazarakis A, Babis GC, Chronopoulos E, Nikolaou VS, Lazaridis N, Natsis K.

Ann Anat. 2020 May;229:151463. doi: 10.1016/j.aanat.2020.151463.

How Effective is Body Painting as an Anatomy Education Method in Comparison with Three-Dimensional Visualization?

Chytas D, Piagkou M, Johnson EO.

Anat Sci Educ. 2020 Jul;13(4):540-541. doi: 10.1002/ase.1943

Augmented Reality in Orthopedics: Current State and Future Directions.

Chytas D, Malahias MA, Nikolaou VS.

Front Surg. 2019 Jun 27;6:38. doi: 10.3389/fsurg.2019.00038. eCollection 2019.

Outcomes of the use of plastination in anatomy education: current evidence.

Chytas D, Piagkou M, Johnson EO, Tsakotos G, Mazarakis A, Babis GC, Nikolaou VS, Kaseta MK, Natsis K.

Surg Radiol Anat. 2019 Oct;41(10):1181-1186. doi: 10.1007/s00276-019-02270-3. Epub 2019 Jun 15. Review.

Accuracy and Interobserver and Intraobserver Reliability of Ultrasound in the Early Diagnosis of Occult Scaphoid Fractures: Diagnostic Criteria and a Way of Interpretation.

Malahias MA, Nikolaou VS, **Chytas D**, Kaseta MK, Babis GC.

J Surg Orthop Adv. 2019 Spring;28(1):1-9.

Is Oxidized Zirconium Femoral Head Superior to Other Bearing Types in Total Hip Arthroplasty? A Systematic Review and Meta-Analysis.

Malahias MA, Atrey A, Gu A, **Chytas D**, Nikolaou VS, Waddell JP.

J Arthroplasty. 2019 Aug;34(8):1844-1852. doi: 10.1016/j.arth.2019.03.072. Epub 2019 Apr 2.

Arthroscopic versus open Latarjet: a step-by-step comprehensive and systematic review.

Malahias MA, Fandridis E, **Chytas D**, Chronopoulos E, Brilakis E, Antonogiannakis E.

Eur J Orthop Surg Traumatol. 2019 Jul;29(5):957-966. doi: 10.1007/s00590-019-02398-3. Epub 2019 Mar 7.

Vesalius criticism on Galen's musculoskeletal anatomy.

Markatos K, **Chytas D**, Tsakotos G, Karamanou M, Piagkou M, Johnson E.

Acta Chir Belg. 2019 Aug;119(4):267-271. doi: 10.1080/00015458.2018.1554365. Epub 2018 Dec 31.

Use of social media in anatomy education: A narrative review of the literature.

Chytas D.

Ann Anat. 2019 Jan;221:165-172. doi: 10.1016/j.aanat.2018.10.004. Epub 2018 Oct 10. Review.

A Narrative Review of Four Different New Techniques in Primary Anterior Cruciate Ligament Repair: "Back to the Future" or Another Trend?

Malahias MA, **Chytas D**, Nakamura K, Raoulis V, Yokota M, Nikolaou VS.

Sports Med Open. 2018 Aug 9;4(1):37. doi: 10.1186/s40798-018-0145-0. Review.

The clinical outcome of the different HemiCAP and UniCAP knee implants: A systematic and comprehensive review.

Malahias MA, **Chytas D**, Thorey F.

Orthop Rev (Pavia). 2018 Jun 14;10(2):7531. doi: 10.4081/or.2018.7531. eCollection 2018 Jun 14.

Platelet-rich plasma injections for carpal tunnel syndrome: a systematic and comprehensive review.

Malahias MA, **Chytas D**, Mavrogenis AF, Nikolaou VS, Johnson EO, Babis GC.

Eur J Orthop Surg Traumatol. 2019 Jan;29(1):1-8. doi: 10.1007/s00590-018-2278-8. Epub 2018 Jul 18.

Apollonius of Citium (first century BC) and his work on the treatment of joint dislocations.

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Nikolaou VS, **Chytas D**, Tyrpenou E, Babis GC.

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XIII) Published abstracts

- 1) The impact of the economic crisis on the orthopaedic research in Greece.
Nikolaou VS, **Chytas D**, Malahias MA, Babis GC.
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- 2) A comparative study of ultrasound guided injections in plantar aponeurosis.
Malahias MA, Babis GC, Kaseta MK, **Chytas D**, Kazas ST, Nikolaou VS
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- 3) A new ultrasound scale grading of carpal tunnel syndrome.
Malahias MA, Nikolaou VS, Sourlas I, **Chytas D**, Chrysikopoulos K, Babis GC.
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- 4) Early ultrasonography versus late X-rays in occult scaphoid fractures.
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- 5) Evaluation of ultrasound guided hydrotomy in carpal tunnel syndrome.
Malahias MA, Babis GC, Johnson EO, Kaseta MK, **Chytas D**, Nikolaou VS.
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- 6) Ulnar lengthening for the treatment of forearm deformities in multiple hereditary osteochondromatosis.
Petratos D, Anastasopoulos J, **Chytas D**, Matsinos G.
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IX. Presentations-Oral announcements

- 1) Comparative clinical study of ultrasound-guided versus "blind" infusions of betamethazone for the treatment of chronic epicondylitis.
Malahias MA, Nikolaou VS, Kazas ST, Kaseta MK, **Chytas D**, Babis GC.
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- 2) The accurate anatomic diagnosis of ruptures of muscles of lower limb in emergency department via bedside ultrasonography.
Malahias MA, **Chytas D**, Roumeliotis L, Sourlas I, Nikolaou VS, Babis GC.
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- 3) The ultrasound-assisted aspiration of calcium deposit in calcifying tendinitis of the shoulder with the use of two needles: what is its role in the treatment of the disease?
Malahias MA, Chronopoulos E, **Chytas D**, Matatanas I, Efstathopoulos D, Babis GC.

Annual Congress of the Greek Association of Orthopaedics and
Traumatology, Athens, October 2014

IX. Teaching experience

- 1) I have contributed to the education of the students of the Medical school of Athens for 4 years, as a member of the 2nd Orthopaedic Department of the University of Athens, by teaching basic clinical skills, basic clinical anatomy and kinesiology and essential orthopaedic knowledge.
- 2) I have participated in the preparation and conducting of the workshops and laboratory exercises in the anatomy department of the University of Athens during the academic years 2015-2016 and 2017-2018.
- 3) I taught fractures immobilization to Greek medical students at their 24th scientific congress (April, 2018).
- 4) I taught history of minimally invasive surgery to postgraduate students of the medical school of the University of Athens (September, 2018).
- 5) Scientific collaborator in Orthopaedic surgery/Musculoskeletal anatomy in European University of Cyprus (from February 2019).
- 6) Scientific collaborator in Anatomy in University of West Attica (winter semester 2020-2021).
- 7) Assistant Professor of Functional Anatomy in the Department of Physiotherapy of University of Peloponnese (from 01/10/2021)

Books: Participation in translation of: Sobotta-Ανατομία με Έγχρωμο Άτλαντα (Jens Waschke, Tobias M. Bockers, Friedrich Paulsen. 1η Ελληνική έκδοση, Broken Hill Publishers LTD., 2021.

I am reviewer in the journals Anatomical Sciences Education, Morphologie, Surgical and Radiologic Anatomy, Journal of Advances in Medical Education and Practice, Frontiers in Surgery.