
CURICULUM VITAE

(Last Update 02/2025)

Asimakis K. Kanellopoulos

Associate Professor

Department of Physiotherapy

University of Thessaly

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A. Personal Information

Full Name: Asimakis K. Kanellopoulos

Father's Name: Konstantinos

Nationality: Greek

Place of Birth: Peristeri, Attica

Address: Ekabis and Pyrrou, Lamia, 35100

Phone: 6973513040

Email: akanellopoulos@uth.gr

Military Obligations: Completed

B. Education

December 1997: Degree in Physiotherapy from the Technological Educational Institute (TEI) of Athens with a grade of 7.3/10

November 2004: Master's degree with Distinction from the University of Strathclyde, Scotland, UK, in the field of Bioengineering (MSc – with Distinction - in Bioengineering) during the academic year 2003/2004,

October 2005: Recognition of Master's degree from DOATAP (Decision No.: 32-922, October 24, 2005)

November 2011: PhD from the University of Strathclyde, Scotland, UK, titled: "Three Dimensional Biomechanics of the Hand and Wrist in Precision Grip" (November 16, 2011)

September 2013: Recognition of PhD title from DOATAP (Decision No.: 3-1920, September 18, 2013)

C. Professional Activity

January 1998: License to practice as a Physiotherapist with reference number 3559/12-01-1998

February 2000: Started insurance with TEVE, Insurance from 02/2000 to 31/08/2003, and from 13/04/2007 to 12/2007 (Certificate with reference number 1641/18-01-2008)

February 2000: Started work as a self-employed Physiotherapist – providing Physiotherapy and other paramedical services

Academic Position: Associate Professor, Department of Physiotherapy, University of Thessaly

A) 2019 promotion to Assistance Professor

B) 2024 promotion to Associate Professor

D. Teaching Activity

D1. At the TEI of Lamia, and TEI of Sterea Hellas, Undergraduate (1998-2018)

Teaching Clinical Practice, Kinesiology I, Kinesiology II, Kinesiotherapy, Ergonomics, Physical therapy assessment, Biomechanics, etc

D2. At the Department of Physiotherapy, University of Thessaly, Undergraduate Level

Academic Year 2019-now

Winter Semester:

Teaching Work (Courses)

- Clinical Kinesiology I Theory and Lab

Spring Semester:

Teaching Work (Courses)

- Ergonomics, Prosthetics-Orthotics – Aids
 - Clinical Kinesiology II Theory and Lab
 - Clinical Biomechanics Theory and Lab
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D4. Supervisor of Undergraduate Theses at TEI

Supervised 127 undergraduate theses

D5. Examiner of Undergraduate Theses at TEI

Examiner of 294 undergraduate theses

D6. Examiner of Undergraduate Theses at the University of Thessaly

Examiner of 6 research undergraduate theses

D7. Teaching at the Postgraduate Level, TEI of Central Greece

February 2014 – 2018: Independent teaching in the Postgraduate Program of the Physiotherapy Department, TEI of Central Greece in “Advanced Physiotherapy”.

Courses taught:

- Human Movement & Activity Assessment I (MP12)
- Human Movement & Activity Assessment II (MP21)

Academic Year 2018-2019: Independent teaching of the course "Human Movement & Activity Assessment" with code MP12 in the first semester of the 1st cycle of the re-established Postgraduate Program

Academic Year 2013-2014: Created the course material for the course "Human Movement & Activity Assessment II" (MP21) for the Postgraduate Program in Advanced Physiotherapy

D8. Teaching at the Postgraduate Level, University of Thessaly

Academic Year 2020-now

Winter Semester

- Independent teaching of the course “Human Movement & Activity Assessment” with code MP12, total 48 hours.

Spring Semester

- Taught the unit "Scientific Argument: Logical Errors and Biases" in the course "Special Clinical Topics" with code MP24, total 3 hours of teaching.
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D9. Supervisor of Postgraduate Theses, Total 10 theses

D10. Examiner of Postgraduate Theses , Total 15 Theses

D11. Supervisor of Doctoral Theses and Member of Three-Member Committees

A) Supervisor for the following doctoral theses:

1. Doctoral Thesis titled "The combination of neonatal neurobehavior and motor behavior in the assessment and super-early physiotherapy intervention of premature neonates," supervised by Y.D. Moschoulouri Chrysoula, with assignment date March 24, 2021.
2. Doctoral Thesis titled "Assessment of proprioception of joint angular velocity and investigation of its clinical significance," supervised by Y.D. Kellari Anthi, with assignment date October 20, 2021.

B) Member of the three-member committee for the doctoral thesis titled "Development and implementation of a virtual environment in green exercise rehabilitation for chronic patients," supervised by Y.D. Stepanou Vasiliki, with assignment date December 23, 2020.

Member of the three-member committee for the doctoral thesis titled "Correlation of ultrasonographic findings of cervical muscles with neck functionality in patients with chronic neck pain," supervised by Y.D. Sidiropoulos Georgios, with assignment date October 11, 2023.

E. Research Activity

June 2012: Participation as an external collaborator in the research program ARCHIMEDES III (ESPA 2007-2013), (Dik. 25, 26), with the following assignments:

- Translation and final preparation of Questionnaires
- Examination of the validity of questionnaires
- Examination of the repeatability of questionnaires
- Examination of the responsiveness of questionnaires
- Popularization, Promotion, and Dissemination of Results

Contract from July 1, 2012, to June 30, 2015.

June 2012: Coordinator of the research team, in collaboration with the Clinical Department of Orofacial Pain at the Dental School of the University of Athens, in the proposal submitted for funding to the Latsis Foundation titled: "Investigation of the therapeutic contribution of physiotherapy in the management of anterior disc displacement with reduction in the temporomandibular joints." (Dik. 27).

January 2018: Research Coordinator for the research proposal submitted for funding to the "ELIDEK" program aimed at strengthening faculty members and researchers and acquiring significant research equipment. The proposal was titled: "The use of a pioneering insole for real-time recording of three-dimensional forces exerted on the diabetic foot." (Dik. 28).

F. Administrative Activity

At the Department of Physiotherapy, TEI of Lamia & TEI of Central Greece

September 1998: Responsible for Clinical Practice I (Orthopedics), until September 2013

December 2006: Secretary of the Special Subjects Section

February 2007: Member of the Thesis Committee, position held until today

February 2008: Member of the Practical Training Committee, until February 2009

February 2007: Member of the Department's Ethics and Deontology Committee, until February 2008

February 2008: Responsible Professor for the 2nd Semester, until February 2009

February 2008: Member of the Thesis Guide Modification Committee, position held until today

2008: Supervisor of Erasmus Educational Exchange Program

February 2009: Responsible for the 1st Semester, position held until today

February 2009: Member of the Study Guide Updating Committee, position held until today

February 2009: Responsible for Laboratory 114, position held until today

2011: Supervisor of Erasmus Educational Exchange Program

January 2012: Member of the Committee for the Internationalization of TEI, position held until today

Academic Year 2011-Present: Member of the Committee for Entrance Exams

April 2013-Present: Responsible for the construction of a new Website for the Department

Supervisor of Clinical Practice – ESF for students of the Department of Physiotherapy

Supervisor of Clinical Practice for students of the Department of Physiotherapy

Study Advisor for students of the Department of Physiotherapy

At the Department of Physiotherapy, University of Thessaly

Academic Year 2019-20

1. Alternate Member of the Doctoral Studies Monitoring Committee.
2. Member of the Department's Internal Ethics Committee.
3. Member of the Department's OMEA (Evaluation Committee).

Academic Year 2020-21

1. Alternate Member of the Doctoral Studies Monitoring Committee.
2. Member of the Department's Internal Ethics Committee.
3. Member of the Department's OMEA.

Academic Year 2021-22

1. Alternate Member of the Doctoral Studies Monitoring Committee.
2. Member of the Department's Internal Ethics Committee.
3. Alternate Member of the Department's OMEA Committee.

Academic Year 2022-23

1. Alternate Member of the Doctoral Studies Monitoring Committee.
2. Member of the Department's Internal Ethics Committee.
3. Alternate Member of the Department's OMEA Committee.
4. Member of the Education Office.

Academic Year 2023-24

1. Alternate Member of the Doctoral Studies Monitoring Committee.
 2. Alternate Member of the Department's Internal Ethics Committee.
 3. Alternate Member of the Department's OMEA Committee.
 4. Member of the Education Office.
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G. Publications

1. Authored Books

Original Scientific Monograph:

Asimakis K. Kanellopoulos, *Hand and Wrist Biomechanics: A Precision Grip Study*, 2009, Lambert Academic Publishing, Germany. ISBN 978-3-8383-1698-7. Available on Amazon.com .

2. Contribution to Book Chapters

Kanellopoulos, A., & Stribakos, N. (2024). Chapter 19. Anatomical features of the knee in modern knee rehabilitation. In Zibis, A., Raoulis, V., Fylos, A., & Mitrousias, V. (Eds.), *Clinical and Surgical Anatomy of the Knee* (Postgraduate textbook). Kallipos, Open Academic Editions.

<https://hdl.handle.net/11419/12272>

Manolis K. Kanellopoulos & Asimakis K. Kanellopoulos: *Image Processing and Bio-signals Analysis*, In: Ioannis Poulis, Evangelia Meimeti, *Health Informatics, Contemporary Applications*, Medical Publications Konstantaras, Athens 2017, ISBN:978-960-608-000-5 .

Angelos Poulis, Asimakis Kanellopoulos. *Criteria for Selecting Methods and Techniques in Physiotherapy*. In: Ioannis Poulis, *Physiotherapy in Musculoskeletal Diseases*, Medical Publications Konstantaras, Athens 2016, ISBN: 978-960-6802-97-3 .

Ioannis Poulis, Asimakis Kanellopoulos. *Dysfunctions of the Spine*. In: Ioannis Poulis, *Physiotherapy in Musculoskeletal Diseases*, Medical Publications Konstantaras, Athens 2016, ISBN: 978-960-6802-97-3 .

Asimakis Kanellopoulos: *Biomechanics of the Body and Techniques for Patient Handling*, In: Pavlos Sarafis & Theoharis Konstantinidis, *Introduction to Nursing Science and Health Care*, Medical Publications Paschalidis, Athens, 2015, ISBN: 978-9963-716-79-1.

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1. E Lagouvardou, K Vassis, M Ntoulis, **A Kanellopoulos**, S Spanos, I Poulis. Dynamic knee valgus is more affected on abductor endurance than abductor strength. *Journal of Sport Rehabilitation*. **(υπό κρίση)**
 2. Kastrinis A, Strimpakos N, Koumantakis GA, Tzatzaliaris D, Oikonomaki M, Theodosopoulos E, Skaftourou E, Tsekoura M, Kanellopoulos AK, Nomikou E, et al. Reliability of Sensorimotor

- Control Tests in Individuals with Adolescent Idiopathic Scoliosis. *Muscles*. 2024; 3(4):376-392. <https://doi.org/10.3390/muscles3040032>
3. Tragoudas M, Dimitriadis Z, Koufogianni A, **Kanellopoulos A**, Vassis K, Gkrilias P, Spanos S, Poulis I. Test-retest reliability of pain extent and pain location using a novel pain drawing analysis software application, on patients with shoulder pain. *Expert Review of Medical Devices*. 2023 Dec 2;20(12):1219-25.
 4. Spanos S, **Kanellopoulos A**, Petropoulakos K, Dimitriadis Z, Siasios I, Poulis I. Reliability and applicability of a low-cost, camera-based gait evaluation method for clinical use. *Expert Review of Medical Devices*. 2023 Jan 2.
 5. Dimitriadis Z, Argyrou S, Diamantis A, Kostakis K, **Kanellopoulos A**, Strimpakos N, Poulis I and Kapreli E. Reliability of a two - dimensional Video Analysis Protocol to assess Forward Head Posture during walking. *Archives of Hellenic Medicine* 40 (1). Jan 2023.
 6. Vassis K, **Kanellopoulos A**, Spanos S, Kakolyri D, Loukopoulou A, Papanikolakou V, Aivaliotis D, Poulis I. Association Between Isokinetic Knee Strength Characteristics and Single-Leg Hop Performance In Healthy Young Participants. *Journal of Chiropractic Medicine*. 2022 Jul 23.
 7. **Kanellopoulos AK**, Kanellopoulos EK, Dimitriadis Z, Strimpakos NS, Koufogianni A, Kellari A, Poulis I. Novel Software for Pain Drawing Analysis. *Cureus*. 2021 Dec 14;13(12).
 8. Koufogianni A, **Kanellopoulos AK**, Vassis K, Poulis IA. Is Distribution of Pain related with Central Sensitization in Patients with Lower Limb Osteoarthritis? *Journal of Musculoskeletal Research*. 2021 Dec 6;24(04):2150019.
 9. Vassis K, **Kanellopoulos AK**, Misiris I, Trigkas P, Spanos S, Poulis I. Knee isokinetic test scores and functional hop tests findings: Are they related? *Isokinetics and Exercise Science*. 2020:1-8.
 10. Skouras A Z, **Kanellopoulos A K**, Stasi S, et al. (May 11, 2022) Clinical Significance of the Static and Dynamic Q-angle. *Cureus* 14(5): e24911. doi:10.7759/cureus.24911
 11. Fyllos A, **Kanellopoulos A**, Kitixis P, Cojocari DV, Markou A, Raoulis V, Strimpakos N, Zibis A. University Students Perception of Online Education: Is Engagement Enough? *Acta Inform Med*. 2021 Mar;29(1):4-9. doi: 10.5455/aim.2021.29.4-9.
 12. Siasios ID, Spanos SL, **Kanellopoulos AK**, Fotiadou A, Pollina J, Schneider D, Becker A, Dimopoulos VG, Fountas KN (2017) : The Role of Gait Analysis in the Evaluation of Patients with Cervical Myelopathy, *World Neurosurg*. May;101:275-282.
 13. Poulis I. Vassis K Kapreli E, Chados E, Chados T, **Kanellopoulos AK**, (2016) Relationship between isokinetic strength and functional performance, 12 months after total knee arthroplasty, *Archives of Hellenic Medicine*, 33(6), Nov-Dec 2016, 583-595

14. Gioftsos, G., Arvanitidis, M., Tsimouris, D., **Kanellopoulos, A.**, Paras, G., Trigkas, P., & Sakellari, V. (2016). EMG activity of the serratus anterior and trapezius muscles during the different phases of the push-up plus exercise on different support surfaces and different hand positions. *Journal of Physical Therapy Science*, 28(7), 2114–2118.
15. M K Gislason, D H Nash, A Nicol, **A Kanellopoulos**, M Bransby-Zachary, T Hems, B Condon, B Stansfield (2009) : A three-dimensional finite element model of maximal grip loading in the human wrist, *Journal of Engineering in Medicine*, Proc. IMechE Vol. 223 Part H: J. Engineering in Medicine,849-861

Published Conference Abstracts in International Journals with Peer Review (Total 8)

1. Lagouvardou E, Vassis K, Ntoulas M, **Kanellopoulos A**, Poulis I. Hip abductor endurance affects more dynamic knee valgus than hip abductor strength. *Gait & Posture*. 2023 Sep 1;106:S109.
2. Kellari A, Paschalidis D, Grigoriou A, Kapreli E, Koumantakis G, Strimpakos N, Poulis I, **Kanellopoulos A**. The impact of quadriceps' fatigue on the proprioceptive perception of the knee joint position sense. *Gait & Posture*. 2023 Sep 1;106:S95-6.
3. Z Deli, S Betsis, V Stefanouli, **A Kanellopoulos**, N Strimpakos. Reliability and validity of integrated treadmill H/P cosmos pluto med for gait parameters. *Gait & Posture*. 2023 Sep 1;106:S92.
4. Anthi Kellari, Eumorphia Papapostolou, Euaggelia Papadimou, Zacharias Dimitriadis, Eleni Kapreli, George Koumantakis, Nikolaos Strimpakos, **Asimakis Kanellopoulos**. The use of a novel assessment protocol for the knee joint velocity proprioceptive sense to investigate motor learning abilities. *Gait & Posture*, 2023 Sep 1;106, S95
5. Katsaveli I, Kellari A, Dimitriadis Z, Poulis I, **Kanellopoulos A**. Investigation of the knee angular velocity proprioceptive behavior as the joint velocity increases. *Gait & Posture*. 2023 Sep 1;106:S93-4.
6. Tsoukalas K, Maliousis I, Kellari AA, Dimitriadis Z, Kapreli E, Strimpakos N, Poulis I, **Kanellopoulos AK**. Comparison of the proprioceptive abilities of joint position sense and angular velocity sense, at the knee joint. *Gait & Posture*. 2023 Sep 1;106:S208-9.

7. **Kanellopoulos, A.K.**, Gislason, M.K., Fowler, N.K., Hems, T.E.J., Bransby-Zachary, M. Coupled movements of the wrist joint under load. X:th FESSH/ VIII:th EFSHT Congress, Göteborg, June 2005.(The Journal of Hand Surgery 30B, suppl. 1, p 52, 2005).
8. **Kanellopoulos, A.K.**, Gislason, M.K., Fowler, N.K., Hems, T.E.J., Bransby-Zachary, M. Influence of wrist joint orientation on the load distribution in multi-fingered grasping. X:th FESSH/ VIII:th EFSHT Congress, Göteborg, June 2005. (The Journal of Hand Surgery 30B, suppl. 1, p 52, 2005).

5. Participation in International Conferences with Scientific Paper Presentations (Total 13)

1. E Lagouvardou, K Vassis, M Ntoulas, **A Kanellopoulos**, I Poulis. (2023) The importance of hip abductors' endurance in dynamic knee valgus after isokinetic fatigue. World Confederation for Physical Therapy (WCPT), Dubai, United Arab Emirates.
2. K Tsoukalas, I Maliousis, A Kellari, Z Dimitriadis, E Kapreli, N Strimpakos, I Poulis, **A Kanellopoulos**. (2023) Evaluating and comparing the reliability of a knee joint position and velocity perception assessment protocol. World Confederation for Physical Therapy (WCPT), Dubai, United Arab Emirates.
3. A. Kellari , E. Papadimou , E. Papapostolou , Z. Dimitriadis , A. Kanellopoulos. (2023) Comparison of the proprioceptive perception of the knee joint movement in five different angular velocities. Conference: World Confederation for Physical Therapy (WCPT), Dubai, United Arab Emirates.
4. A Koufogianni, **A Kanellopoulos**, K Vassis, IA Poulis (2021) Is the pain distribution threshold of 10% of the body area an index for Central Sensitization in lower limb OA?. Conference: World Confederation for Physical Therapy (WCPT), Dubai, United Arab Emirates.
5. **A Kanellopoulos**, EK Kanellopoulos, Z Dimitriadis, NS Strimpakos A Koufogianni, IA Poulis (2021) Development of a Novel Software for Pain Drawing Analysis. Conference: World Confederation for Physical Therapy (WCPT), Dubai, United Arab Emirates.
6. A. Fyllos, P. Kitixis, D. Cojocari, **A. Kanellopoulos**, C. Xanthi, A. Kotzamanidou, G. Stefoudis, Z. Deli, E. Kalilas, A. Zibis, N. Strimpakos. (2021) Alterations in perception of quality of online delivery of education by first-year physiotherapy students. Conference: World Confederation for Physical Therapy (WCPT), Dubai, United Arab Emirates.

7. K Vassis, I Misiris, **A Kanellopoulos**, E Kapreli, I. Poulis (2019) The relationship between isokinetic knee flexor and extensor muscular performance parameters and three functional tests. Conference: World Confederation for Physical Therapy (WCPT), May 2019, Geneva, Switzerland.
8. S Argyrou, Z Dimitriadis, N Strimpakos, **A Kanellopoulos**, I Poulis, E Kapreli, (2019) The effectiveness of an exercise programme based on motor learning principles for the correction of forward head posture - RCT. Conference: World Confederation for Physical Therapy (WCPT), May 2019, Geneva, Switzerland.
9. Mavropanos T, Strimpakos N, Dimitriadis Z, Billis E, Kanellopoulos A, Trigkas P, Matzaroglou C, Kapreli E (2019) Clinical evaluation of hip functional medial rotation, Conference: World Confederation for Physical Therapy (WCPT), May 2019, Geneva, Switzerland.
10. I Poulis, M Igoumenides, E Meimeti, **A Kanellopoulos** (2017) The dual ethical role of the therapist/researcher Conference: 12th World Conference on Bioethics, Medical Ethics and Health Law. Nicosia, Cyprus.
11. Spanos S., Siasios I., **Kanellopoulos A.**, Petropoulakos K., Skoklidou N., Kotsi A., Michali G., Poulis I. Reliability of a gait evaluation method in patients with spinal disorders. eEANS 2020, 20th European Congress of Neurosurgery, 19-21 October 2020, Belgrade, Serbia. (oral e-poster)
12. **Kanellopoulos, A.K.**, Gislason, M.K., Fowler, N.K. (2005) An Investigation Of External Loading Patterns Applied During Maximal Grip. Proceedings, XX:th ISB/ 29th ASB International Congress, Cleveland, Ohio, USA. (Δικ.Ζ.7)
13. **Kanellopoulos, A.K.**, Gislason, M.K., Fowler, N.K. (2005) An Investigation Of Wrist Joint Function Under Load, Proceedings, XXth ISB/ 29th ASB International Congress, Cleveland, Ohio, USA.

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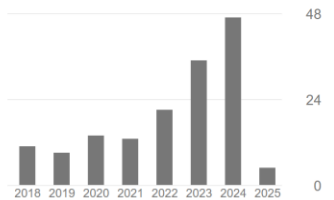
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Biomechanics Orthopaedics

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TITLE	CITED BY	YEAR
<input type="checkbox"/> A three-dimensional finite element model of maximal grip loading in the human wrist MK Gislason, DH Nash, A Nicol, A Kanellopoulos, M Bransby-Zachary, ... Proceedings of the Institution of Mechanical Engineers, Part H: Journal of ...	68	2009
<input type="checkbox"/> Clinical Significance of the Static and Dynamic Q-angle AZ Skouras, AK Kanellopoulos, S Stasi, A Triantafyllou, P Koulouvaris, ... Cureus 14 (5)	30	2022
<input type="checkbox"/> The role of gait analysis in the evaluation of patients with cervical myelopathy: a literature review study ID Siasios, SL Spanos, AK Kanellopoulos, A Fotliadou, J Pollina, ... World Neurosurgery 101, 275-282	30	2017

H. Additional Information

Languages

- Greek: Native
- English: Fluent (Proficiency Level: C2)
- French: Intermediate (B2)

I. Research Interests

- Biomechanics of the human body
- Human movement analysis
- Proprioception and sensory-motor control
- Physiotherapy techniques for musculoskeletal disorders
- Rehabilitation and injury prevention strategies
- Clinical biomechanics of the knee, shoulder, and wrist joints
- Use of technology in physiotherapy assessment (e.g., motion analysis systems, sensors)
- Advanced physiotherapy interventions for orthopedic and neurological patients

J. Professional Development

- Ongoing participation in international workshops and conferences in biomechanics, physiotherapy, and rehabilitation.
 - Regular attendance at specialized seminars in musculoskeletal physiotherapy and injury prevention techniques.
 - Active member of various professional physiotherapy organizations and research networks.
-

K. References

Available upon request.