



# Stefano Di Antonio

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## ● WORK EXPERIENCE

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**IRCCS OSPEDALE POLICLINICO SAN MARTINO, GENOVA, ITALY.** – GENOVA, ITALY

**PHYSIOTHERAPIST** – 01/07/2025 – CURRENT

- Physiotherapist (working as a clinician at the Headache center, U.O. Clinica Neurologica)
- Researcher (working as a researcher at the Headache center, U.O. Clinica Neurologica)

**FISIOCARE. PHYSIOTHERAPY CLINIC. VIA SAN MARTINO 67 M GENOVA.** – GENOVA, ITALY

**PHYSIOTHERAPIST** – 01/11/2022 – CURRENT

- Physiotherapist (senior physiotherapist specialized in the management of patients with headaches, temporomandibular disorders, and neck pain)
- Director
- Owner

**FISIOCARE. PHYSIOTHERAPY CLINIC. VIA LAMARMORA 25 A RAPALLO.** – RAPALLO, ITALY

**PHYSIOTHERAPIST** – 01/05/2017 – CURRENT

- Physiotherapist (senior physiotherapist specialized in the management of patients with headaches, temporomandibular disorders, and neck pain)
- Director
- Owner

**UNIVERSITÀ CAMPUS BIOMEDICO DI ROMA** – ROMA, ITALY

**LECTURER** – 01/06/2025 – CURRENT

-Lecturer in headache assessment and management for physiotherapists

**SCUOLA UNIVERSITARIA DELLA SVIZZERA ITALIANA (SUPS)**

**LECTURER** – 2025 – CURRENT

Lecturer in the Master of Advance Studies (MAS) in musculoskeletal physiotherapy

**PAIN RESEARCH AND MANAGEMENT**

**ACADEMIC EDITOR:** – 2025 – CURRENT

## ● EDUCATION AND TRAINING

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21/10/2025 Aalborg, Denmark

**PH.D** Department of Health Science and Technology, School of Medicine, Aalborg University

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**Field of study** Medicine |

**Thesis** Profiling migraine patients into distinct phenotypes according to clinical and psychophysical characteristics

22/05/2024 – 23/05/2024 Linz, Austria

**SCHOOL OF ADVANCED STUDIES (SAS)** European Headache Federation (EHF)17 th Meeting

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28/11/2016 – 22/12/2016

**CERTIFICATE IN ORTHOPEDIC MANUAL THERAPY (COMT)** Manual concept (Toby Hall (PhD) and Kim Robinson (PhD)) in collaboration with Curtin University

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**Field of study** Advanced theoretical and practical course on management of patients with musculoskeletal disorders

19/11/2014 – 12/10/2016

**CERTIFICATE OF ADVANCED STUDIES IN MUSCULOSKELETAL PHYSIOTHERAPY** Scuola Universitaria professionale della Svizzera italiana (SUPSI)

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**Field of study** Advanced theoretical and practical course on management of patients with musculoskeletal disorders.

01/10/2013 – 24/09/2016

**MASTER IN MANUAL THERAPY** Group of study in manual therapy (GSTM)

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**Field of study** Management of patients with musculoskeletal disorders |

**Thesis** Treatment of myofascial trigger points in tension-type headache: a narrative review

01/09/2009 – 21/11/2012 Genova, Italy

**BACHELOR DEGREE OF PHYSIOTHERAPY** University of Genoa

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**Final grade** 110/110 with laude

## ● PUBLICATIONS

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2025

[Cut-Off Values Able to Identify Migraine Patients With Increased Pressure-Pain Sensitivity Independent of the Migraine Cycle Through a Single Assessment: A Secondary Analysis of a Multicentre, Cross-Sectional, Observational Study](#)

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Castaldo M, Arendt-Nielsen L, Ponzano M, Bovis F, Torelli P, Finocchi C, Di Antonio S. Cut-Off Values Able to Identify Migraine Patients With Increased Pressure-Pain Sensitivity Independent of the Migraine Cycle Through a Single Assessment: A Secondary Analysis of a Multicentre, Cross-Sectional, Observational Study. *Eur J Pain*. 2025 Feb; 29(2):e4787. doi: 10.1002/ejp.4787. PMID: 39836392; PMCID: PMC11750055.

2025

[Expert Consensus on Dry Needling Practices for Headache: An International Delphi Study Protocol](#)

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Perreault T, Dommerholt J, Fernandez-de-Las-Peñas C, Arendt-Nielsen L, Cagnie B, Di Antonio S, Castaldo M. Expert Consensus on Dry Needling Practices for Headache: An International Delphi Study Protocol. *J Clin Med*. 2025 Mar 5;14(5):1740. doi: 10.3390/jcm14051740. PMID: 40095844.

2025

[A clinical guide for physiotherapists to assess and manage cervical musculoskeletal impairment and pain sensitivity in migraine patients](#)

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Castaldo M, Arendt-Nielsen L, Di Antonio S. A clinical guide for physiotherapists to assess and manage cervical musculoskeletal impairment and pain sensitivity in migraine patients. *J Man Manip Ther*. 2025 May 18:1-18. doi: 10.1080/10669817.2025.2502804. Epub ahead of print. PMID: 40382683.

2025

[Migraine with and without aura-two distinct entities? A narrative review](#)

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Grodzka O, Dzagoevi K, Rees T, Cabral G, Chądzyński P, Di Antonio S, Sochań P, MaassenVanDenBrink A, Lampl C; European Headache Federation School of Advanced Studies (EHF-SAS). Migraine with and without aura-two distinct entities? A narrative review. *J Headache Pain*. 2025 Apr 14;26(1):77. doi: 10.1186/s10194-025-01998-1. PMID: 40229683; PMCID: PMC11995571.

2024

[Profiling migraine patients according to clinical and psychophysical characteristics: clinical validity of distinct migraine clusters](#)

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Di Antonio, S., Arendt-Nielsen, L., Ponzano, M., Bovis, F., Torelli, P., Elisa, P., Finocchi, C., & Castaldo, M. (2023). Profiling migraine patients according to clinical and psychophysical characteristics: clinical validity of distinct migraine clusters. *Neurological sciences : official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology*, 10.1007/s10072-023-07118-8. Advance online publication. <https://doi.org/10.1007/s10072-023-07118-8>

2024

### [Migraine and cognitive dysfunction: a narrative review](#)

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Fernandes C, Dapkute A, Watson E, Kazaishvili I, Chądzyński P, Varanda S, Di Antonio S, Munday V, MaassenVanDenBrink A, Lampl C; European Headache Federation School of Advanced Studies (EHF-SAS). Migraine and cognitive dysfunction: a narrative review. *J Headache Pain*. 2024 Dec 19;25(1):221. doi: 10.1186/s10194-024-01923-y. PMID: 39701926; PMCID: PMC11657937.

2023

### [Profiling migraine patients according to clinical and psychophysical characteristics: a cluster analysis approach](#)

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Di Antonio S, Arendt-Nielsen L, Ponzano M, Bovis F, Torelli P, Finocchi C, Castaldo M. Profiling migraine patients according to clinical and psychophysical characteristics: a cluster analysis approach. *Pain Med*. 2023 Sep 1;24(9):1046-1057. doi: 10.1093/pm/pnad048. PMID: 37137231.

2023

### [Trigemincervical pain sensitivity during the migraine cycle depends on headache frequency](#)

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Di Antonio S, Arendt-Nielsen L, Ponzano M, Bovis F, Torelli P, Finocchi C, Castaldo M. Trigemincervical pain sensitivity during the migraine cycle depends on headache frequency. *Neurol Sci*. 2023 Nov;44(11):4021-4032. doi: 10.1007/s10072-023-06858-x. Epub 2023 Jun 13. PMID: 37308781; PMCID: PMC10260380.

2023

### [Migraine patients with and without neck pain: Differences in clinical characteristics, sensitization, musculoskeletal impairments, and psychological burden](#)

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Di Antonio S, Arendt-Nielsen L, Ponzano M, Bovis F, Torelli P, Pelosin E, Finocchi C, Castaldo M. Migraine patients with and without neck pain: Differences in clinical characteristics, sensitization, musculoskeletal impairments, and psychological burden. *Musculoskelet Sci Pract*. 2023 Jun 14:102800. doi: 10.1016/j.msksp.2023.102800. Epub ahead of print. PMID: 37344290.

2023

### [Cervical musculoskeletal impairments and pain sensitivity in migraine patients](#)

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Di Antonio S, Arendt-Nielsen L, Castaldo M. Cervical musculoskeletal impairments and pain sensitivity in migraine patients. *Musculoskelet Sci Pract*. 2023 Aug;66:102817. doi: 10.1016/j.msksp.2023.102817. Epub 2023 Jul 6. PMID: 37451884.

2022

### [Trigeminal and cervical sensitization during the four phases of the migraine cycle in patients with episodic migraine.](#)

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Di Antonio S, Castaldo M, Ponzano M, Bovis F, Hugo Villafañe J, Torelli P, Finocchi C, Arendt-Nielsen L. Trigeminal and cervical sensitization during the four phases of the migraine cycle in patients with episodic migraine. *Headache*. 2022 Feb;62(2):176-190. doi: 10.1111/head.14261. Epub 2022 Feb 5. PMID: 35122434.

2022

### [Cervical musculoskeletal impairments in the 4 phases of the migraine cycle in episodic migraine patients](#)

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Di Antonio S, Arendt-Nielsen L, Ponzano M, Bovis F, Torelli P, Finocchi C, Castaldo M. Cervical musculoskeletal impairments in the 4 phases of the migraine cycle in episodic migraine patients. *Cephalalgia*. 2022 Aug;42(9):827-845. doi: 10.1177/03331024221082506. Epub 2022 Mar 25. PMID: 35332826

2022

### [Increase pain sensitivity during the four phases of the migraine cycle in patients with episodic migraine.](#)

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Finocchi C, Di Antonio S, Castaldo M, Ponzano M, Bovis F, Villafaña JH, Torelli P, Arendt-Nielsen L. Increase pain sensitivity during the four phases of the migraine cycle in patients with episodic migraine. *Neurol Sci.* 2022 Sep;43(9): 5773-5775. doi: 10.1007/s10072-022-06263-w. Epub 2022 Jul 26. Erratum in: *Neurol Sci.* 2022 Aug 10; PMID: 35879496.

2022

**Pressure Pain Threshold of the Upper Trapezius Trigger Point: A Systematic Review with Meta-Analysis of Baseline Values and Their Modification after Physical Therapy**

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Geri T, Botticchio A, Rossettini G, Pournajaf S, Pellicciari L, Di Antonio S, Castaldo M. Pressure Pain Threshold of the Upper Trapezius Trigger Point: A Systematic Review with Meta-Analysis of Baseline Values and Their Modification after Physical Therapy. *J Clin Med.* 2022 Dec 6;11(23):7243. doi: 10.3390/jcm11237243. PMID: 36498817; PMCID: PMC973943

2021

**Disability, burden, and symptoms related to sensitization in migraine patients associate with headache frequency.**

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Di Antonio S, Castaldo M, Ponzano M, Bovis F, Torelli P, Finocchi C, Arendt-Nielsen L. Disability, burden, and symptoms related to sensitization in migraine patients associate with headache frequency. *Scand J Pain.* 2021 Jul 13;21(4):766-777. doi: 10.1515/sjpain-2021-0050. PMID: 34253003.

● **DICHIARAZIONE SOSTITUTIVA DI ATTO DI NOTORIETA'**

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DICHIARAZIONE DI VERIDICITA'

Consapevole delle sanzioni penali nel caso di dichiarazioni non veritiere, di formazione o uso di atti falsi, richiamate dal art.76 del DPR n. 445/2000, dichiaro che le informazioni contenute nel presente Curriculum Vitae sono veritiere.

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