



Stefano Di Antonio

Date of birth: 11/01/1989 |

Email address:

Address:

Address:

● WORK EXPERIENCE

01/11/2022 – CURRENT Genova, Italy

ADVANCED PHYSIOTHERAPIST FISIOCARE. PHYSIOTHERAPY CLINIC. VIA SAN MARTINO 67 M GENOVA.

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

01/05/2017 – CURRENT Rapallo, Italy

ADVANCED PHYSIOTHERAPIST FISIOCARE. PHYSIOTHERAPY CLINIC. VIA LAMARMORA 25 A RAPALLO.

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

01/01/2013 – 01/05/2017 Rapallo, Italy

PHYSIOTHERAPIST MULTIDISCIPLINARY CLINIC - VIA LAMARMORA 25 A RAPALLO;

Physiotherapist (physiotherapist specialized in the treatment of musculoskeletal pain, neuropathic pain, chronic pain, headache, and orofacial pain)

01/01/2013 – 01/05/2017 Santa Margherita Ligure, Italy

PHYSIOTHERAPIST PHYSIOTHERAPY CENTER DI ANNA GHIGLIONE – VIA CERVETTI VIGNOLO 23 SANTA MARGHERITA LIGURE

Physiotherapist (physiotherapist specialized in the treatment of musculoskeletal pain, neuropathic pain, chronic pain, headache, and orofacial pain)

18/09/2021 – 19/09/2021

LECTURER AZIENDA ULSS N. 2 MARCA TREVIGIANA

Lecturer in the course "Myofascial pain and trigger points"

01/09/2017 – CURRENT Genova, Italy

LECTURER UNIVERSITY OF GENOA

Lecturer in the bachelor degree of physiotherapy

● EDUCATION AND TRAINING

2018 – CURRENT

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

16/01/2024 – 16/01/2024

CONGRESS PARTICIPATION WITH PRESENTATION Education Euro Spine: Evidenced based diagnosis and rehabilitation of cervicogenic headache

06/12/2023 – 09/12/2023 Barcelona, Spain

CONGRESS PARTICIPATION WITH PRESENTATION 17th European Headache Federation (EHF) Congress

02/12/2023 – 02/12/2023 Savona, Italy

CONGRESS PARTICIPATION WITH PRESENTATION Ligurian Regional Conference AINAT-ANIRCEF. Headaches: diagnosis, therapy, and headache network

20/09/2023 – 22/09/2023 Budapest, Hungary

CONGRESS PARTICIPATION WITH PRESENTATION 13th Congress of the European Pain Federation EFIC

20/05/2023 – 20/05/2023 Sarnico (BG), Italy

CONGRESS PARTICIPATION WITHOUT PRESENTATION IX ANIRCEF day in Lombardy: intractable headaches

30/04/2022 – 31/12/2022

POST GRADUATE COURSE - INTERDISCIPLINARY HEADACHE SCHOOL Italian society for the study of headache disorders (SISC)

- Diagnosis and classification of headache disorders
- Primary headache: peripheral and central sensitization mechanisms
- Primary headache: Tension type headache

13/10/2022 – 15/10/2022 Palermo, Italy

CONGRESS PARTICIPATION WITH PRESENTATION 36th Congress Società Italiana per lo studio delle cefalee (SISC)

Poster presentation

- Phenotyping migraine patients according to clinical and psychophysical characteristics.
- Trigemino-cervical pain sensitivity during the migraine cycle depends on headache frequency

Field of study Cefalee 2022: la gestione del paziente con cefalea: novi orizzonti e nuove sfide

13/10/2022 – 13/10/2022

POST GRADUATE COURSE - PRIMARY HEADACHE Italian society for the study of headache disorders (SISC) held by Professor Paolo Calabresi.

- Aggiornamento Diagnostico Terapeutico Sulle Cefalee In Età Evolutiva
- Come Curare L'Emicrania: Dall'Acuzie Alla Profilassi

27/04/2022 – 30/04/2022 Dublin, Ireland

CONGRESS PARTICIPATION WITH PRESENTATION 12th Congress of the European Pain Federation EFIC

Poster presentation

- Cervical musculoskeletal dysfunction and signs of sensitization during the migraine cycle in episodic migraine patients.
- Assessing which risk factors could predicting the presence of neck pain in migraine patients.

- Musculoskeletal dysfunctions and quantitative sensory testing in migraine patients with and without neck pain.
- Trigemincervical sensitization during the migraine cycle in episodic migraine patients.

Field of study Pain in Europe XII

04/11/2021 – 06/11/2021

POST-GRADUATE COURSE - EFIC VIRTUAL PAIN EDUCATION SUMMIT EFIC Academy courses

11/10/2021 – 13/10/2021

CONGRESS PARTICIPATION WITH PRESENTATION 35th Congress Società Italiana per lo studio delle cefalee (SISC)

Poster presentation

- Cervical musculoskeletal impairments in the 4 phases of the migraine cycle.
- An observational study aimed to assess the presence of musculoskeletal dysfunctions and signs of sensitization in migraine patients with and without interictal neck pain
- Quantitative sensory testing in the 4 phases of the migraine cycle (Poster awarded by the scientific committee)
- An observational study aimed to assess which risk factors could predict neck pain in migraine patients

Field of study Cefalee 2021: quali risposte alle nuove sfide

08/09/2021 – 12/09/2021

CONGRESS PARTICIPATION WITH PRESENTATION 19th International Headache Society(IHS) Congress & 15th European Headache Federation(EHF) Congress

Poster presentation:

- Trigeminal, cervical, and widespread sensitization in the 4 phases of the migraine cycle
- Musculoskeletal impairment of the cervical spine in the 4 phases of the migraine cycle

Field of study International headache congress

10/02/2021 – 11/02/2021

POST GRADUATE COURSE - KETOGENIC DIET Senior researcher Dora Caterina Pultrone (M.D.).

Field of study Theoretical training on the use of ketogenic diet

04/08/2020 – 08/08/2020

CONGRESS PARTICIPATION WITH PRESENTATION 2021 International Association for the Study of Pain (IASP) world congress of pain

Poster presentation

- Trigeminal, cervical and widespread pain sensitization in episodic migraine subjects in the interictal phase
- Sensitization of trigeminal-cervical complex in different phases of the migraine cycle
- Correlation between local and widespread sensitization and disability in migraine population
- Cervical musculoskeletal dysfunctions in the interictal phase on patients with episodic migraine

29/06/2020 – 02/07/2020

CONGRESS PARTICIPATION WITH PRESENTATION 14th European Headache Federation (EHF) Congress

Poster presentation

- Assessing sensitization of trigeminal-cervical complex in different phases of the migraine cycle and in chronic migraine
- Correlation between sensitization of trigeminal-cervical complex and functionality of deep cervical flexor muscles during the interictal period in patients with episodic migraine

31/01/2020 – 02/02/2020

POST-GRADUATE COURSE - CERTIFICATE IN TRANSCRANIAL DIRECT CURRENT STIMULATION

Valentina Fiori (Ph.D.) and Augusto Fusco (MD, Ph.D.).

Field of study Theoretical and practical training on the use of Transcranial direct current stimulation.

04/09/2019 – 07/09/2019 Valencia, Spain

CONGRESS PARTICIPATION WITH PRESENTATION 11th Congress of the European Pain Federation (EFIC)

Poster presentation

- Correlation between sensitization of trigeminal nucleus and functionality of deep cervical flexor muscles
- Sensitization of trigeminal nucleus in subjects with migraine interictally

Field of study Pain in Europe XI

20/07/2019 – 21/07/2019

POST-GRADUATE COURSE - MOTIVATIONAL INTERVIEWING; TRAINING WORKSHOP Professor Stephen Rollnick (Ph.D.).

Field of study Theoretical and practical course on the use of the motivational interview

18/06/2019 – 25/06/2019

POST-GRADUATE COURSE - THE USE OF SPSS FOR CLINICAL RESEARCH University of Genova (Prof. Alessio Signori, Ph.D.).

Field of study Theoretical and practical training on the use of SPSS statistics in clinical research.

20/05/2019 – 21/05/2019

POST-GRADUATE COURSE - INTRODUCTION TO THE STATISTIC FOR CLINICAL RESEARCH GIMBE foundation (Luca Pingani Ph.D.)

Field of study Theoretical and practical training on the use of statistics in clinical research

26/04/2019 – 26/04/2019 Rome, Italy

CONGRESS PARTICIPATION WITHOUT PRESENTATION Cranio mandibular congress

28/09/2018 – 30/09/2018 Florence

CONGRESS PARTICIPATION WITHOUT PRESENTATION 32° Congresso Società Italiana per lo studio delle cefalee (SISC).

04/05/2018 – 05/05/2018 Milano, Italy

CONGRESS PARTICIPATION WITHOUT PRESENTATION Watson Headache Institute's Inaugural international Symposium.

Field of study • Watson Headache Institute's Inaugural international Symposium. Turning primary Headache upside down

02/05/2018 – 03/05/2018

POST-GRADUATE COURSE - PLACEBO, NOCEBO, AND THERAPIST/PATIENT RELATIONSHIP: A NEW PERSPECTIVE FROM RECENT NEUROSCIENCES FINDINGS Professor Fabrizio Benedetti (MD, PhD)

Field of study Theoretical course on mechanisms underlying the placebo effect in healthy subjects and in patients

08/12/2017 – 10/12/2017

POST-GRADUATE COURSE - DRY NEEDLING FOUNDATION I Jan Dommerholt (PT, Ph.D.)

Field of study Advanced theoretical and practical on the use of dry needling in treating musculoskeletal pain

28/05/2017 – 30/05/2017

POST-GRADUATE COURSE - THE ROLE OF C1 – C3 VERTEBRAL SEGMENTS IN THE PRIMARY HEADACHE Watson Headache institute (Dean Watson (Ph.D.))

Field of study Advanced theoretical and practical course on the management of patients with headache

12/05/2017 – 13/05/2017

POST-GRADUATE COURSE - CLINICAL REASONING IN MANUAL THERAPY IN HEADACHE AND MIGRAINE Professor Cesar Fernandez-de-las-Penas (PT, PhD).

Field of study Advanced theoretical and practical course on the management of patients with headache

28/11/2016 – 22/12/2016

POST-GRADUATE COURSES - CERTIFICATE IN ORTHOPEDIC MANUAL THERAPY Manual concept (Toby Hall (PhD) and Kim Robinson (PhD)) in collaboration with Curtin University

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

19/11/2014 – 12/10/2016

POST-GRADUATE COURSES - CERTIFICATE OF ADVANCED STUDIES IN MUSCULOSKELETAL PHYSIOTHERAPY Scuola Universitaria professionale della Svizzera italiana (SUPSI)

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)

Field of study Management of patients with musculoskeletal disorders |

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

03/06/2016 – 05/06/2016

POST-GRADUATE COURSE - PATHOPHYSIOLOGY AND BIOMECHANICS OF SHOULDER Rober Donatelli (PT, Ph.D.)

Field of study Advanced theoretical and practical course on the management of patients with pain in the upper quadrant

01/09/2009 – 21/11/2012 Genova, Italy

BACHELOR DEGREE OF PHYSIOTHERAPY University of Genoa

Final grade 110/110 with laude

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Microsoft Microsoft Office | Apple Mac | SPSS statical

● **DRIVING LICENCE**

Driving Licence: A

Driving Licence: B

● NETWORKS AND MEMBERSHIPS

External collaboration

Prof Elisa Pelosin (Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal Child Health,

Genoa, Italy)

Carola Cosentino (Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics and Maternal Child Health,

Genoa, Italy)

Alessio Signori (Department of Health Sciences (DISSAL), University of Genoa, Genoa, Italy).

Giacomo Rossettini (School of Physiotherapy, University of Verona, Verona, Italy)

Leonardo Pellicciari (IRCCS Istituto delle Scienze Neurologiche di Bologna, Bologna, Italy)

Sanaz Pournajaf (Neurorehabilitation Research Laboratory, Department of Neurological and Rehabilitation Sciences,

IRCCS San Raffaele, Rome, Italy)

● PUBLICATIONS

2021

[Disability, burden, and symptoms related to sensitization in migraine patients associate with headache frequency.](#)

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.

2022

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

Di Antonio S, Castaldo M, Ponzano M, Bovis F, Hugo Villafaña 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:

2022

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

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.](#)

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](#)

Gerì 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

2023

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

Di Antonio S, Arendt-Nielsen L, Ponzano M, et al. Profiling migraine patients according to clinical and psychophysical characteristics: a cluster analysis approach [published online ahead of print, 2023 May 3]. *Pain Med.* 2023;pnad048. doi:10.1093/pm/pnad048e the description...

2023

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

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 Jun 13:1–12. doi: 10.1007/s10072-023-06858-x. Epub ahead of print. PMID: 37308781; PMCID: PMC10260380.e here the description...

2023

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

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**](#)

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.

2023

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

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>