

## INFORMAZIONI PERSONALI

## Nicola Marotta



nicola.marotta@unicz.it

[https://www.researchgate.net/profile/Nicola\\_Marotta](https://www.researchgate.net/profile/Nicola_Marotta)

<https://www.scopus.com/authid/detail.uri?authid=57215886581>

Data di Nascita: \_\_\_\_\_ Nazionalità Italiana

Medico Chirurgo, Specialista in Medicina Fisica e Riabilitativa

## ESPERIENZA LAVORATIVA

Agosto 2022 – Novembre 2022



Università degli Studi "Magna Graecia" di Catanzaro, Catanzaro Italia

**Borsa di ricerca**

Medicina fisica e riabilitativa (MED/34)

Valutazione clinica e statistica dell'efficacia ed efficienza dei trattamenti medico specialistici in relazione al peso delle problematiche di rilevanza sociale nell'ambito del progetto MISURARE GESTI

Luglio 2021 – Giugno 2022



Università degli Studi "Magna Graecia" di Catanzaro, Catanzaro Italia

**Assegno di Ricerca**

Medicina fisica e riabilitativa (MED/34)

Protocollo per il monitoraggio dell'efficacia della riabilitazione nell'analisi dell'equilibrio e della deambulazione nelle persone con Sclerosi Multipla

Febbraio 2021 – Maggio 2021



Specialistica Ambulatoriale in Medicina Fisica e Riabilitativa

Ore n°: 271. Provincia di Crotono, Italia

Novembre 2016 – Novembre 2020



Università degli Studi "Magna Graecia" di Catanzaro, Catanzaro Italia

**Medico in formazione specialistica in in Medicina Fisica e Riabilitativa**

Voto: 70/70 cum laude

Titolo della tesi: Rizzanti quale ortesi? Revisione sistematica e Meta-analisi di rete

Novembre 2019 – Febbraio 2020



Hospital Universitario "Virgen de las Nieves" of Granada, Spain

**Visiting Resident Doctor**

Granada, Andalusia, Spagna

Formazione estera in Unità Spinale

## ESPERIENZA ACCADEMICA

Maggio 2022 -



**Editorial Board Member**

per il journal: "BMC Sports Science, Medicine and Rehabilitation". Impact Factor 2021: 2.993)

Sezione in Training, Injury Prevention, and Biomechanics

Aprile 2021 -

**Guest Editor**

1. *Special Issue: Vertebral Related Diseases in Healthcare: The Role of Pain Management and Rehabilitation. Healthcare* (ISSN 2227-9032). Impact Factor (IF): 2.615 (2021)
2. *Special Issue: Role of Physiotherapy and Physical Agent Modalities for Musculoskeletal Disorders: Present and Future. Applied Sciences* (ISSN 2076-3417). Impact Factor (IF): 2.679 (2021)
3. *Special Issue: Musculoskeletal Injury Prevention and Rehabilitation. International Journal of Environmental Research and Public Health* (ISSN 1660-4601). Impact Factor (IF): 4.614 (2021)

Aprile 2022



**Visiting Professor**

- Medicina Fisica e Riabilitativa (MED/34)(16 ore / 2 CFU) per lezioni su Tecnologie Avanzate in Riabilitazione. Akademia Nauk Stosowanych Wincentego Pola w Lublinie, Vincent Pol University in Lublin, Lublino, Polonia. Anno accademico 2021/2022

Febbraio 2021 –



**Professore a contratto**

- Medicina Fisica e Riabilitativa (MED/34)(2 CFU) per Scienze Mediche Applicate allo Sport. CL in Scienze Motorie e Sportive (I,-22). Università degli Studi "Magna Graecia" di Catanzaro. Anno accademico 2021/2022 e 2022/2023
- Medicina Fisica e Riabilitativa (MED/34)(2 CFU) per Fonochirurgia e Riabilitazione nel CL in Logopedia. Università degli Studi "Magna Graecia" di Catanzaro. Anno accademico 2021/2022
- Statistica medica (MED/01)(2 CFU) per Igiene e statistica dello sport. CL in Scienze Motorie e Sportive (I,-22). Università degli Studi "Magna Graecia" di Catanzaro. Anno accademico 2020/2021 e 2021/2022
- Cultore della Materia in Anatomia Umana (BIO/16) nel Corso Integrato di Anatomia Umana. CL in Scienze Motorie e Sportive (I,-22). Università degli Studi "Magna Graecia" di Catanzaro. Anno accademico 2020/2021

Novembre 2019 -

**Sub-Investigator**

- Sub-investigator in "Studio clinico multicentrico, randomizzato, in doppio cieco, doppio dummy, controllato verso placebo e verso farmaco attivo, con lo scopo di valutare l'efficacia di Tricortin 1000 in pazienti affetti da LBP cronico". Protocollo EC006.17.01. Sponsor: FIDIA.
- Sub-investigator in "Evaluation of efficacy and safety of JOINTEX® STARTER on the changes over time of joint function in patients affected by knee chronic osteoarthritis. An open label, comparative, randomized, double-arm, multicenter study." Study ID PSC-035-FTX-START32 Sponsor: SOFAR S.p.A

January 2020 -

**Reviewer**

European Respiratory Journal. ISSN: 0903-1936. IF: 12.3 (2019). International Journal of Environmental Research and Public Health. ISSN:1660-4601 IF: 2.8 (2019); Symmetry ISSN: (ISSN 2073-8994) IF 2.713 (2021); Pharmaceuticals ISSN: (ISSN 1424-8247) IF:5.863 (2021); Behavioural Sciences ISSN: (ISSN 2076-328X); Disability and Rehabilitation (ISSN: 0963-8288) IF: 2.222 (2020); Healthcare (ISSN: 2227-9032) IF:2.645 (2021); Sensors (ISSN: 1424-8220) IF: 3.576 (2020); Journal of Functional Morphology and Kinesiology. I-ISSN:2411-5142; Physician and Sportsmedicine ISSN: 0091 IF: 1.662 (2020)

**EDUCAZIONE E FORMAZIONE**

Novembre 2009 - Luglio 2015


**Università degli Studi "Magna Graecia" di Catanzaro**  
**Dottore in Medicina e Chirurgia (S/46)**

Viale Europa, Catanzaro, Italia

Voto finale: 110/110 cum laude

Tesi in Neuropsichiatria infantile: Dal Nativo Digitale alla Matrice Digitale. Nuovi Modelli di Sviluppo Psicomotorio e Socioaffettivo. Nostra Ricerca.

**COMPETENZE PERSONALI**

Novembre 2021-

**SIMFER Calabria**

Resp. rapporti coi giovani

Novembre 2022-

**SIRN Calabria**

Resp. comunicazione

**MADRELINGUA**

Italiano

Other

English

Spanish

UNDERSTANDING

B2

B2

OTHER

B2

B2

UNDERSTANDING

B2

**COMPETENZE DIGITALI**

- Esperto per Office suite
- Esperto di software statistici (R, STATA, JASP)
- Esperto di software di editing fotografico e di figure scientifiche acquisito come grafic designer
- Esperto di analisi cinematica ed EMG superficiale

**PUBBLICAZIONI**
**ARTICOLI SU RIVISTA  
INTERNAZIONALI E INDICIZZATA**

1. Ferrillo M, Giudice A, **MAROTTA N**, Fortunato F, Di Venere D, Ammendola A, Fiore R, de Sire A. Pain Management and Rehabilitation for Central Sensitization in Temporomandibular Disorders: A Comprehensive Review. *International Journal of Molecular Sciences*. 2022; 23(20):12164. <https://doi.org/10.3390/ijms232012164>
2. **MAROTTA N**, Calafiore D, Corci C, et al. Integrating virtual reality and exergaming in cognitive rehabilitation of patients with Parkinson disease: a systematic review of randomized controlled trials [published online ahead of print. 2022 Sep 28]. *Eur J Phys Rehabil Med*. 2022;10.23736/S1973-9087.22.07643-2. doi: <https://doi.org/10.23736/S1973-9087.22.07643-2>
3. de Sire A, Moggio L, **MAROTTA N**, Fortunato F, Spalek R, Inzirili M, Pitolucci T, Ammendola A. Ultrasound-Guided Injections and Proprioceptive Neuromuscular Facilitation as Shoulder Rehabilitation for Multiple Sclerosis and Neuropathic Pain. *Healthcare*. 2022; 10(10):1869. <https://doi.org/10.3390/healthcare10101869>
4. Ferrillo M, Nucci F, Giudice A, Calafiore D, **MAROTTA N**, Minervini G, d'Apuzzo F, Ammendola A, Perillo L, de Sire A. Efficacy of conservative approaches on pain relief in patients with temporomandibular joint disorders: a systematic review with network meta-analysis. *Cranio*. 2022 Sep 23:1-17. doi: <https://doi.org/10.1080/08869634.2022.2126079>. Epub ahead of print
5. de Sire A, Moggio L, **MAROTTA N**, Agostini F, Tasselli A, Drigo Ferrante V, Cinci C, Calafiore D, Ferraro F, Bernetti A, Ozyurtci Taskiran O, Ammendola A. Impact of Rehabilitation on Fatigue in Post-COVID-19 Patients: A Systematic Review and Meta-Analysis. *Applied Sciences*. 2022; 12(17):8593. <https://doi.org/10.3390/app12178593>
6. Ferrillo M, Migliarino M, **MAROTTA N**, Lippi L, Antonelli A, Calafiore D, Ammendola V, Fortunato F, Renò F, Giudice A, Invernizzi M, de Sire A. Oral Health in Breast Cancer Women with Vitamin D Deficiency: A Machine Learning Study. *Journal of Clinical Medicine*. 2022; 11(16):4662. <https://doi.org/10.3390/jcm11164662>
7. Ferrillo M, Migliarino M, **MAROTTA N**, Fortunato F, Bindi B, Pezzotti F, Ammendola A, Giudice A, Foglio Bonda L.F & Alessandro de Sire. (2022) temporomandibular disorders and neck pain in primary headache patients: a retrospective machine learning study. *Acta Odontologica Scandinavica*. doi: <https://doi.org/10.1080/00016357.2022.2105945>
8. **MAROTTA N**, de Sire A, Mammaro C, et al. Efficacy of Transcranial Direct Current Stimulation (tDCS) on Balance and Gait in Multiple Sclerosis Patients: A Machine Learning Approach. *J Clin Med*. 2022;11(12):3505. Published 2022 Jun 17. doi: <https://doi.org/10.3390/jcm11123505>
9. de Sire A, **MAROTTA N**, Ammendola A. Vertebral Related Diseases in Healthcare: The Role of Pain Management and Rehabilitation. *Healthcare (Basel)*. 2022;10(6):1109. Published 2022 Jun 14. doi: <https://doi.org/10.3390/healthcare10061109>
10. Lippi L, de Sire A, D'Abrasca F, Polla B, **MAROTTA N**, Castello L.M, Ammendola A, Molinari C, Invernizzi M. Efficacy of Physiotherapy Interventions on Weaning in Mechanically Ventilated Critically Ill Patients. A

- Systematic Review and Meta-Analysis. *Front Med (Lausanne)*. 2022 May; 9:989218. doi: <https://doi.org/10.3389/fmed.2022.889218>
11. Ferrillo M, **MAROTTA N**, Giudice A, Calafiore D, Curci C, Fortunato I, Ammendola A, de Sire A. Effects of Occlusal Splints on Spinal Posture in Patients with Temporomandibular Disorders: A Systematic Review. *Healthcare (Basel)*. 2022 Apr 15;10(4):739. doi: <https://doi.org/10.3390/healthcare10040739>
  12. de Sire A, Gialfelli L, **MAROTTA N**, Lippi L, Fusco N, Calafiore D, Cione E, Maruca L, Maconi A, De Siro G, Ammendola A, Invernizzi M. Vitamin D Deficiency in Women with Breast Cancer: A Correlation with Osteoporosis? A Machine Learning Approach with Multiple Factor Analysis. *Nutrients*. 2022 Apr 11;14(8):1586. doi: <https://doi.org/10.3390/nr14081586>
  13. **MAROTTA N**, Ferrillo M, Demeco A, Drago Ferrante V, Izzitari ME, Pellegrino R, Pino I, Russo I, de Sire A, Ammendola A. Effects of Radial Extracorporeal Shock Wave Therapy in Reducing Pain in Patients with Temporomandibular Disorders: A Pilot Randomized Controlled Trial. *Applied Sciences*. 2022; 12(8):3821. <https://doi.org/10.3390/app12083821>
  14. Demeco A, de Sire A, **MAROTTA N**, Spanò R, Lippi L, Palumbo A, Iona T, Gramigna V, Palermo S, Leighelb M, Invernizzi M, Ammendola A, Match Analysis, Physical Training, Risk of Injury and Rehabilitation in Padel: Overview of the Literature. *Int J Environ Res Public Health*. 2022 Mar 31;19(7):4153. doi: <https://doi.org/10.3390/ijerph19074153>
  15. Pinto M, **MAROTTA N**, Caracò C, Simone E, Ammendola A, de Sire A. Quality of Life Predictors in Patients With Melanoma: A Machine Learning Approach. *Front Oncol*. 2022 Mar 25;12:843611. doi: <https://doi.org/10.3389/fonc.2022.843611>
  16. de Sire A, **MAROTTA N**, Agostini F, Drago Ferrante V, Demeco A, Ferrillo M, Izzitari ME, Pellegrino R, Russo I, Ozyomisci Taskiran O, Bernetti A, Ammendola A. A Telerhabilitation Approach to Chronic Facial Paralysis in the COVID-19 Pandemic Scenario: What Role for Electromyography Assessment? *Journal of Personalized Medicine*. 2022; 12(3):497. <https://doi.org/10.3390/jpm12030497> [IF: 4.945 (2020)]
  17. Ferrillo M, Ammendola A, Paduano S, Calafiore D, **MAROTTA N**, Migliaro M, Fortunato I, Giudice A, Michelotti A, de Sire A. Efficacy of rehabilitation on reducing pain in muscle-related temporomandibular disorders: A systematic review and meta-analysis of randomized controlled trials. *J Back Musculoskeletal Rehabil*. 2022;1-18. doi: <https://doi.org/10.3233/JBMR-210236> [IF: 1.398 (2021)]
  18. de Sire A, **MAROTTA N**, Ferrillo M, Agostini F, Sconzi C, Lippi L, Respizzi S, Giudice A, Invernizzi M, Ammendola A. Oxygen-Ozone Therapy for Reducing Pro-Inflammatory Cytokines Serum Levels in Musculoskeletal and Temporomandibular Disorders: A Comprehensive Review. *International Journal of Molecular Sciences*. 2022; 23(5):2528. <https://doi.org/10.3390/ijms23052528> [IF: 5.924 (2020)]
  19. Demeco A, de Sire A, **MAROTTA N**, Palumbo A, Fragomeni G, Gramigna V, Pellegrino R, Moggio L, Petraroì A, Iona T, Paolucci T, Ammendola A. Effectiveness of Rehabilitation through Kinematic Analysis of Upper Limb Functioning in Wheelchair Basketball Athletes: A Pilot Study. *Applied Sciences*. 2022; 12(6):2929. <https://doi.org/10.3390/app12062929> [IF: 2.679 (2020)]
  20. de Sire A, Demeco A, **MAROTTA N**, Spanò R, Curci C, Fari G, Fortunato F, Iona T, Lippi L, Paolucci T, Invernizzi M, Ammendola A. Neuromuscular Impairment of Knee Stabilizer Muscles in a COVID-19 Cluster of Female Volleyball Players: Which Role for Rehabilitation in the Post-COVID-19 Return-to-Play? *Applied Sciences*. 2022; 12(2):557. <https://doi.org/10.3390/app12020557> [IF: 2.679 (2020)]
  21. Calafiore D, Invernizzi M, Ammendola A, **MAROTTA N**, Fortunato F, Proietti T, Ferraro F, Curci C, Cwirdey-Sozanska A, de Sire A. Efficacy of Virtual Reality and Exergaming in Improving Balance in Patients With Multiple Sclerosis: A Systematic Review and Meta-Analysis. *Front Neurol*. 2021 Dec 10;12:773459. doi: <https://doi.org/10.3389/fneur.2021.773459> [IF: 4.003 (2021)]
  22. de Sire A, **MAROTTA N**, Lippi L, Scaturro D, Fari G, Liccardi A, Moggio L, Letizia Mauro G, Ammendola A, Invernizzi M. Pharmacological Treatment for Acute Traumatic Musculoskeletal Pain in Athletes. *Medicina*. 2021; 57(11):1208. <https://doi.org/10.3390/medicina57111208> [IF: 2.430 (2020)]
  23. de Sire A, Moggio L, Demeco A, Fortunato F, Spanò R, Aiello V, **MAROTTA N**, Ammendola A. Efficacy of rehabilitative techniques in reducing hemiplegic shoulder pain in stroke: Systematic review and meta-analysis. *Ann Phys Rehabil Med*. 2021 Nov 19;65(5):101602. doi: <https://doi.org/10.1016/j.rehab.2021.101602> [IF: 4.919 (2021)]
  24. **MAROTTA N**, de Sire A, Giunghiano A, et al. Impact of COVID-19 lockdown on the epidemiology of soccer muscle injuries in Italian Serie A professional football players. *J Sports Med Phys Fitness*. 2022;62(3):356-360. doi: <https://doi.org/10.23736/S0022-4707.21.12903-2> [IF: 1.637 (2021)]
  25. de Sire A, **MAROTTA N**, Raimo S, Lippi L, Izzitari ME, Tasselli A, Giunghiano A, Palermo L, Invernizzi M, Ammendola A. Psychological Distress and Work Environment Perception by Physical Therapists from Southern Italy during COVID-19 Pandemic: The C.A.L.A.B.R.I.A. Study. *International Journal of Environmental Research and Public Health*. 2021; 18(18):9676. <https://doi.org/10.3390/ijerph18189676> [IF: 3.390 (2020)]
  26. Moggio L, de Sire A, **MAROTTA N**, Demeco A, Ammendola A. Exoskeleton versus end-effector robot-assisted therapy for finger-hand motor recovery in stroke survivors: systematic review and meta-analysis. *Top Stroke Rehabil*. 2021 Aug 21;1-12. doi: <https://doi.org/10.1080/10749357.2021.1967657> [IF: 2.119 (2020)]
  27. Iorio GC, Ammendola A, **MAROTTA N**, Ricardi U, de Sire A. A bond between rheumatic diseases and cancer in the elderly: The interleukin-6 pathway [published online ahead of print. 2021 Aug 4]. *Int J Rheum Dis*. 2021;10.1111/1756-185X.14194. doi: <https://doi.org/10.1111/1756-185X.14194> [IF: 2.454 (2020)]
  28. Moggio L, de Sire A, **MAROTTA N**, Demeco A, Ammendola A. Vibration therapy role in neurological diseases rehabilitation: an umbrella review of systematic reviews. *Disabil Rehabil*. 2021 Jul 5;1-9. doi: <https://doi.org/10.1080/09638288.2021.1946175> [IF: 3.033 (2020)]
  29. Ammendola A, **MAROTTA N**, Mannano C, Demeco A, Mondudini P, Costantino C. The synergic use of the High Power Laser Therapy and Glucosamine sulfate in Knee osteoarthritis: A Randomized Controlled Trial. *Acta Biomed*. 2021;92(3):e2021237. Published 2021 Jul 1. <https://doi.org/10.23750/abm.v92i3.10952>
  30. **MAROTTA N**, Demeco A, Moggio L, and Ammendola A. (2021). "Why is telerhabilitation necessary? A pre-post COVID-19 comparative study of ICF activity and participation". *Journal of Enabling Technologies*. Vol. 15 No. 2, pp. 117-124. <https://doi.org/10.1108/JET-11-2020-0047> [IF: -]
  31. **MAROTTA N**, Demeco A, Moggio L, Ammendola A. The adjunct of transcranial direct current stimulation to Robot-assisted therapy in upper limb post-stroke treatment [published online ahead of print. 2021 May 26]. *J Med Eng Technol*. 2021;1-8. <https://doi.org/10.1080/03091902.2021.1922527> [IF: ]

32. de Sire A, Demeco A, **MAROTTA N**, Moggio L, Palumbo A, Iona T, Ammendola A. Anterior Cruciate Ligament Injury Prevention Exercises: Could a Neuromuscular Warm-Up Improve Muscle Pre-Activation before a Soccer Game? A Proof-of-Principle Study on Professional Football Players. *Applied Sciences*. 2021; 11(11):4958. <https://doi.org/10.3390/app11114958> [IF: 2.679 (2020) ]
33. de Sire A, **MAROTTA N**, Marinaro C, Curci C, Invernizzi M, Ammendola A. Role of Physical Exercise and Nutraceuticals in Modulating Molecular Pathways of Osteoarthritis. *International Journal of Molecular Sciences*. 2021; 22(11):5722. <https://doi.org/10.3390/ijms22115722> [IF: 5.924 (2020) ]
34. de Sire A, **MAROTTA N**, Demeco A, Moggio L, Paola P, Marotta M, Iona T, Invernizzi M, Leighab M, Ammendola A. Electromyographic Assessment of Anterior Cruciate Ligament Injury Risk in Male Tennis Players: Which Role for Visual Input? A Proof-of-Concept Study. *Diagnostics*. 2021; 11(6):997. <https://doi.org/10.3390/diagnostics11060997> [IF: 3.706 (2020) ]
35. **MAROTTA N**, Demeco A, Moggio L, Marinaro C, Pino I, Barletta M, Petraroli A, Pepe D, Lavano F, Ammendola A. Comparative effectiveness of breathing exercises in patients with chronic obstructive pulmonary disease. *Complement Ther Clin Pract*. 2020 Nov; 41:101260. doi: <https://doi.org/10.1016/j.ctcp.2020.101260> [IF: 2.446 (2020) ]
36. Demeco A, **MAROTTA N**, Moggio L, Pino I, Marinaro C, Barletta M, Petraroli A, Palumbo A, Ammendola A. Quantitative analysis of movements in facial nerve palsy with surface electromyography and kinematic analysis. *J Electromyogr Kinesiol*. 2021 Feb;56:102485. doi: <https://doi.org/10.1016/j.jelekin.2020.102485> [IF: 2.368 (2020) ]
37. Moggio L, Petraroli A, **MAROTTA N**, Demeco A, Pino I, Marinaro C, Barletta M, Ammendola A. Rehabilitation in primary lateral sclerosis mimicking parkinsonism: A case report. *NeuroRehabilitation*. 2020;47(4):381-386. doi: <https://doi.org/10.3233/NRE-201527> [IF: 2.438 (2020) ]
38. **MAROTTA N**, Demeco A, Marinaro C, Moggio L, Pino I, Barletta M, Petraroli A, Ammendola A. Authors' Response to Letter to the Editor. *Arch Phys Med Rehabil*. 2021 Jan;102(1):165-166. doi: <https://doi.org/10.1016/j.apmr.2020.08.017> [IF: 3.966 (2020) ]
39. **MAROTTA N**, Demeco A, Moggio L, Isabella L, Iona T, Ammendola A. Correlation between dynamic knee valgus and quadriceps activation time in female athletes. *Journal of Physical Education and Sport*. 2020; 20.5: 2508-2512. DOI: <https://doi.org/10.7752/jpes.2020.05342> [IF: - ]
40. **MAROTTA N**, Ammendola A, Marinaro C, Demeco A, Moggio L, Costantino C. International Classification of Functioning, Disability and Health (ICF) and correlation between disability and finance assets in chronic stroke patients. *Acta Biomed*. 2020 Jan 21;91(3):e2020064. doi: <https://doi.org/10.23750/abm.v91i3.8968>
41. **MAROTTA N**, Demeco A, de Scorpis G, Indino A, Iona T, Ammendola A. Late Activation of the Vastus Medialis in Determining the Risk of Anterior Cruciate Ligament Injury in Soccer Players. *J Sport Rehabil*. 2019 Nov 7;20(7):952-955. doi: <https://doi.org/10.1123/jscr.2019-0026> [IF: 1.931 (2020) ]
42. Demeco A, **MAROTTA N**, Barletta M, Pino I, Marinaro C, Petraroli A, Moggio L, Ammendola A. Rehabilitation of patients post-COVID-19 infection: a literature review. *J Int Med Res*. 2020 Aug;48(8):300060520948382. doi: <https://doi.org/10.1177/0300060520948382> [IF: 1.671 (2020) ]
43. **MAROTTA N**, Demeco A, Marinaro C, Moggio L, Pino I, Barletta M, Petraroli A, Ammendola A. Comparative Effectiveness of Orthoses for Thumb Osteoarthritis: A Systematic Review and Network Meta-analysis. *Arch Phys Med Rehabil*. 2021 Mar;102(3):502-509. doi: <https://doi.org/10.1016/j.apmr.2020.06.012> [IF: 3.966 (2020) ]
44. Ammendola A, **MAROTTA N**, Demeco A, Marinaro C, Moggio L, Barletta M, Costantino C. Effectiveness of Radial Shockwave Therapy in Calcific and Non-Calcific Tendinopathy of the Shoulder: a Systematic Review and Meta-Analysis. *Muscles, Ligaments & Tendons Journal (MLTJ)*. 2020; 10.1. DOI: <https://doi.org/10.32098/mltj.01.2020.05> [IF: - ]
45. **MAROTTA N**, Demeco A, Indino A, de Scorpis G, Moggio L, Ammendola A. Nintendo Wii<sup>TM</sup> versus Xbox Kinect<sup>TM</sup> for functional locomotion in people with Parkinson's disease: a systematic review and network meta-analysis. *Disabil Rehabil*. 2020 Jun 1:1-6. DOI: <https://doi.org/10.1080/09638288.2020.1768301> [IF: 3.033 (2020) ]
46. **MAROTTA N**, Demeco A, Izzian MT, Caruso MG, Ammendola A. Neuromuscular electrical stimulation and shortwave diathermy in unrecovered Bell palsy: A randomized controlled study. *Medicine (Baltimore)*. 2020 Feb;99(8):e19152. DOI: <https://doi.org/10.1097/MD.00000000000019152> [IF: 1.889 (2020) ]
47. Masala D, Iona T, Bartolo D, Marinaro C, **MAROTTA N**, Tonello F, Ammendola A. (2019). Device or not device... what is the APA program the best for patients with neurological disability? Pilot study. *Journal of Physical Education and Sport*, 19, 1920-1927. DOI: <https://doi.org/10.7752/jpes.2019.s5285> [IF: - ]

Abstract pubblicati su rivista internazionale indicizzata

1. **MAROTTA N**, de Sire A, Ammendola A. Electromyographic evaluation of the clinical and biomechanical effects of yoga on the flexion-relaxation phenomenon: a Prophetic approach. *Gait & Posture*. Volume 97 Supplement 2, October 2022, Pages 12-13. <https://doi.org/10.1016/j.gaitpost.2022.09.026>
2. de Sire A, Gallelli L, **MAROTTA N**, Lippi L, Ammendola A, Invernizzi M. Machine Learning Approach To Assess The Role Vitamin D Deficiency In Osteoporosis Of Breast Cancer Women: An Observational Cross-sectional Study In World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-IFSCFO 2022). *Agorg Clin Exp Res* 34 (Suppl 1), 35-474 (2022). <https://doi.org/10.1007/s40520-022-02147-3> (S130, P175)

Premie riconoscimenti

1. Premio "Miglior Comunicazione Orale", XVII CONGRESSO ORTOMED 15-17 dicembre 2022 Firenze, Italia
2. Premio "Migliori Lavori Under 40" al Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER) 2021, Milano, Italy 28-31 Ottobre 2021. Neuromuscular electrical stimulation and shortwave diathermy in unrecovered Bell palsy: A randomized controlled study
3. Finalist "Aspetar-FIMS Young Investigator Award". 36th World Congress of Sports Medicine, 23-26 September 2021 | Athens, Greece. Impact of visual input on knee stabilizer muscles electromyographic pre-activation in tennis players: a pilot study

Relazioni a congressi nazionali e internazionali

1. **MAROTTA N.** Correlazione tra ipovitaminosi D e salute orale in donne con carcinoma mammario sottoposte ad inibitori dell'aromatasi: machine learning study. XVII CONGRESSO ORTOMED 15-17 dicembre 2022 Firenze, Italia
2. **MAROTTA N.** Analisi statistica inferenziale e approccio machine learning. Relatore al Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER) 2022, Catania, Italia 23-26 Ottobre 2022
3. **MAROTTA N.** Electromyographic evaluation of the clinical and biomechanical effects of yoga on the flexion-relaxation phenomenon: a Prophet approach. Relatore al Congresso Nazionale Società Italiana Analisi del Movimento in Clinica (SIAMOC) 2022. Bari, Italia, 5-8 Ottobre 2022. Proceedings su Gait&Posture (IF:2.746) <https://doi.org/10.1016/j.gaitpost.2022.09.026>
4. **MAROTTA N.** Neuromuscular electrical stimulation and shortwave diathermy in unrecovered Bell palsy. A randomized controlled study. Relatore al Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER) 2021. Milano, Italy 28-31 Ottobre 2021.
5. **MAROTTA N.** Impact of visual input on knee stabilizer muscles electromyographic pre-activation in tennis players: a pilot study. Speaker at the 36th World Congress of Sports Medicine. FIMS 2021, Athens, Greece. 23-26 September 2021.
6. **MAROTTA N.** Diaphragmatic Rehabilitation in Gastroesophageal Reflux Disease. Speaker at the 27th European ESPRM 2020 Congress, Belgrade, Serbia, 19-23 September 2020.
7. **MAROTTA N.** Late activation of the vastus medialis in determining the risk of anterior cruciate ligament injury in football. Speaker at the "XXVIII International Conference on Sports Rehabilitation and Traumatology, Isokinetic 2019 Medical Group Conference", London, England 27-29 Aprile 2019.

Authorizzo il trattamento dei miei dati personali presenti nel cv ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali" e del GDPR (Regolamento UE 2016/679). Ai sensi e per gli effetti delle disposizioni di cui al DPR 4/5/2000, il sottoscritto dichiara che le informazioni contenute nel presente curriculum corrispondono al vero.

