



PERSONAL INFORMATIONS

Nicola Marotta



 [Redacted] 88100 Catanzaro, Italy
 [Redacted]  [Redacted]
 nicola.marotta@unicz.it
 nicolakr@gmail.com
 https://www.researchgate.net/profile/Nicola_Marotta

Date of Birth 05/08/1988 | Nationality Italian

MD, Research Fellow in Physical and Rehabilitation Medicine

WORK EXPERIENCES

- July 2021 – Università “Magna Graecia” di Catanzaro
Research Fellow
Physical and Rehabilitation Medicine
“Protocol for monitoring the effectiveness of rehabilitation in the analysis of balance and walking in people with Multiple Sclerosis”
ASP Crotona, Italy
- February 2021 – May 2021 Outpatient specialist in Physical and Rehabilitative Medicine
Provincia di Crotona, Italia
- November 2016 – November 2020 Università “Magna Graecia” di Catanzaro
Resident Physician in Physical and Rehabilitation Medicine
Final grade: 70/70 cum laude
Title thesis: Rhizoarthrosis which orthosis? Systematic review and Network Meta-analysis
- November 2019 – February 2020 Ospedale Universitario “Virgen de las Nieves” di Granada, Spain
Visiting Resident Doctor
Granada, Andalusia, Spain
Foreign training in the Spinal Unit

ACADEMIC EXPERIENCES

- April 2021 - Editor (Guest)

 1. *Special Issue: Vertebral Related Diseases in Healthcare: The Role of Pain Management and Rehabilitation. Healthcare* (ISSN 2227-9032). Impact Factor (IF): 2.645 (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)
- January 2020 - Reviewer

 1. European Respiratory Journal. ISSN: 0903-1936. IF: 12.3 (2019)
 2. International Journal of Environmental Research and Public Health. ISSN:1660-4601 IF: 2.8 (2019)
 3. Symmetry ISSN: (ISSN 2073-8994) IF:2.713 (2021)
 4. Pharmaceuticals ISSN: (ISSN 1424-8247) IF:5.863 (2021)
 5. Behavioural Sciences ISSN: (ISSN 2076-328X)
 6. Disability and Rehabilitation (ISSN: 0963-8288) IF: 2.222 (2020)
 7. Healthcare (ISSN: 2227-9032) IF:2.645 (2021)
 8. Sensors (ISSN: 1424-8220) IF: 3.576 (2020)
 9. Journal of Functional Morphology and Kinesiology. E-ISSN:2411-5142.
 10. Physician and Sportsmedicine ISSN: 0091 IF: 1.662 (2020)
- February 2021 – Contract Professor
Medical Statistics MED/01 (2 CFU) for Hygiene and Sport Statistics / Motor Sciences. University of Catanzaro
Expert in the subject Human Anatomy BIO/16 for the academic year 2020/2021 - University of Catanzaro "

EDUCATION AND TRAINING

- November 2009 – July 2015 Università “Magna Graecia” di Catanzaro
Doctor of Medicine and Surgery
Viale Europa, Catanzaro, Italy
Final grade: 110/100 cum laude
Thesis in Childhood Neuropsychiatry: From the Digital Native to the Digital Matrix New Models of Psychomotor and Socioaffective Development. Our Research.

PERSONAL SKILLS

Mother tongue	Italian				
	UNDERSTANDING		SPEAKING		WRITING
English	B2	B2	B2	B2	B2
Spanish	A2	A2	A2	A2	A2

Digital Skills

- Excellent command of the Office suite
- Excellent command of statistical software (R, STATA, JASP)
- Excellent command of photo-editing software acquired as a graphic designer
- Good command of kinematic and sEMG analysis systems

DOCUMENTS

Articles In Indexed Journals

1. Moggio L, de Sire A, **MAROTTA N**, Demeco A, Ammendolia 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>
2. Iorio GC, Ammendolia 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>
3. Moggio L, de Sire A, **MAROTTA N**, Demeco A, Ammendolia 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>
4. Ammendolia A, **MAROTTA N**, Marinaro C, Demeco A, Mondardini 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>
5. **MAROTTA N**, Demeco A, Moggio L, and Ammendolia A. (2021), "Why is telerehabilitation necessary? A pre-post COVID-19 comparative study of ICF activity and participation", *Journal of Enabling Technologies*, Vol. 15 No. 2, pp. 117-121. <https://doi.org/10.1108/JET-11-2020-0047>
6. **MAROTTA N**, Demeco A, Moggio L, Ammendolia 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>
7. de Sire A, Demeco A, **MAROTTA N**, Moggio L, Palumbo A, Iona T, Ammendolia 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>
8. de Sire A, **MAROTTA N**, Marinaro C, Curci C, Invernizzi M, Ammendolia 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>
9. de Sire A, **MAROTTA N**, Demeco A, Moggio L, Paola P, Marotta M, Iona T, Invernizzi M, Leigh M, Ammendolia 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>
10. **MAROTTA N**, Demeco A, Moggio L, Marinaro C, Pino I, Barletta M, Petraroli A, Pepe D, Lavano F, Ammendolia 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>
11. Demeco A, **MAROTTA N**, Moggio L, Pino I, Marinaro C, Barletta M, Petraroli A, Palumbo A, Ammendolia 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>
12. Moggio L, Petraroli A, **MAROTTA N**, Demeco A, Pino I, Marinaro C, Barletta M, Ammendolia 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>
13. **MAROTTA N**, Demeco A, Marinaro C, Moggio L, Pino I, Barletta M, Petraroli A, Ammendolia 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>
14. **MAROTTA N**, Demeco A, Moggio L, Isabella L, Iona T, Ammendolia 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>
15. **MAROTTA N**, Ammendolia 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>
16. **MAROTTA N**, Demeco A, de Scorpio G, Indino A, Iona T, Ammendolia 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;29(7):952-955. doi: <https://doi.org/10.1123/jsr.2019-0026>
17. Demeco A, **MAROTTA N**, Barletta M, Pino I, Marinaro C, Petraroli A, Moggio L, Ammendolia 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>

18. **MAROTTA N**, Demeco A, Marinaro C, Moggio L, Pino I, Barletta M, Petraroli A, Ammendolia 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>.
19. Ammendolia 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>
20. **MAROTTA N**, Demeco A, Indino A, de Scorpio G, Moggio L, Ammendolia A. Nintendo Wii™versus Xbox Kinect™ 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>
21. **MAROTTA N**, Demeco A, Inzitari MT, Caruso MG, Ammendolia 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>
22. Masala D, Iona T, Bartolo D, Marinaro C, **MAROTTA N**, Tomello F, Ammendolia 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>

Oral Communications in International Congresses

1. **MAROTTA N**, Spagnuolo R, Demeco A, Fieramosca V, Inzitari MT, Doldo P. Diaphragmatic Rehabilitation In Gastroesophageal Reflux Disease. In: Proceedings of the 22nd European ESPRM Congress, Belgrade, Serbia 19-23 September 2020
2. **MAROTTA N**, Demeco A, de Scorpio G, Indino A, Iona T, Ammendolia A. Late activation of the vastus medialis in determining the risk of anterior cruciate ligament injury in football. In: Atti Della XXVIII edizione dell' "International Conference on Sports Rehabilitation and Traumatology, Isokinetic Medical Group Conference", Wembley stadium, London, England 27, 28, 29 Aprile 2019.

Autorizzo il trattamento dei dati personali contenuti nel presente curriculum vitae ai sensi del Regolamento (UE) 2016/679. Ai sensi e per gli effetti delle disposizioni di cui al DPR 445/2000, il sottoscritto dichiara che le informazioni contenute nel presente curriculum corrispondono al vero.

Catanzaro, 15.09.21

Dott. Nicola Marotta

