

# FRANCESCO AGOSTINI

## Curriculum Vitae

Rome, 19/01/2023

### Part I – General Information

Full Name	Francesco Agostini
Date of Birth	
Place of Birth	
Citizenship	
Permanent Address	
Mobile Phone Number	
E-mail	
Spoken Languages	Italiano - Inglese

### Part II – Education

Type	Year	Institution	Note
Degree	2014	Sapienza University of Rome	Medicine and Surgery 105/110
Specialization	2019	Resident Physician, School of Specialization in Physical Medicine and Rehabilitation	Physical Medicine and Rehabilitation (MED/34) 70/70 cum laude
Enabling	2015	Sapienza University of Rome	Qualification to practice as a Doctor
Registration	2015	Order of Doctors and Dentists of the Province of Rome	N°: M63531

### Part III – Appointments

#### IIIA – Academic Appointments

Start	End	Institution	Position
12/01/2022	11/01/2025	Sapienza University of Rome, Department of Anatomical, Histological, Medical Legal and Locomotor Apparatus Sciences	Assistant Professor - Research projects related to the application of machine learning techniques to big data of a health nature and to scientific research in the same sector, with reference to Physical Medicine and Rehabilitation
01/03/2020	28/02/2021	Sapienza University of Rome, Department of Anatomical, Histological, Medical Legal and Locomotor Apparatus Sciences	Research Fellow - Data Mining in Medicina Fisica e Riabilitativa
01/11/2015	30/10/2019	Sapienza University of Rome, Department of Anatomical, Histological, Medical Legal and Locomotor Apparatus Sciences	Resident Physician, School of Specialization in Physical Medicine and Rehabilitation

### IIIB – Experience in other research and clinical institutions

Start	End	Institution	Position
01/12/2016	In corso	Cochrane Rehabilitation	Communication working area - Blogger
01/04/2019	15/06/2019	Department of Neurosciences, University of Padua	Clinical service in outpatient clinics and in the Physical Medicine and Rehabilitation department. Translational research activity.
09/01/2018	30/04/2018	Neuromotor Rehabilitation B Unit, IRCCS San Raffaele Rome	Clinical service in outpatient clinics and in the Physical Medicine and Rehabilitation department. Translational research activity.
01/10/2018	23/12/2018	UOC Spinal Unit, C.T.O. Hospital A. Alesini	Clinical service in the department dedicated to patients with spinal cord injuries. Translational research activity.

### IIIC – Other Appointments

Start	End	Title	Position
13/06/22	13/06/32	Secondary National Scientific Qualification (Associate Professor).	Competition sector: 06/F4, Scientific disciplinary sector: MED/34 (Physical and Rehabilitation Medicine)
01/10/18	01/09/19	A prospective, open label, multicentric clinical trial to evaluate the safety and efficacy of Hyalotend (500-730 KDa hyaluronic acid) in the management of painful tendinopathy (RRB5.16.01).	Co-Investigator
16/11/2021	Ongoing	A European collaborative and innovative partnership to promote physical activity after stroke event - My Way, Co-funded by the Erasmus+ Programme of the European Union	Trainer
01/10/19	Ongoing	Multicenter, randomized, double-blind, double-dummy, placebo-controlled and active-drug clinical study, with the aim of evaluating the efficacy of Tricortin 1000 in patients with chronic LBP (EQ06.17.01).	Co-Investigator
01/12/20	Ongoing	Frontiers in Rehabilitation Sciences – Interventions for Rehabilitation	Review Editor
01/01/22	Ongoing	Frontiers in Neurology – Neurorehabilitation	Review Editor
01/06/21	Ongoing	International Journal of Environmental Research and Public Health, Special Issue “Oncological Rehabilitation: Strengths and Weaknesses for a Global Interdisciplinary Management of the Cancer Patient and Novel Future Perspectives during	Guest Editor

01/01/16	Ongoing	European Journal of Physical Medicine and Rehabilitation (IF 2.874); Clinical Rehabilitation (IF 3.477); Injury (IF 2.586); Journal of Back and Musculoskeletal Rehabilitation (IF 1.398); Clinical Rheumatology (IF 2.98); Bioresearch Open Access; PloS one (IF 3.240); BMC Cancer (IF 3.15); Neurorehabilitation (IF 2.138); International Journal of Biometeorology (IF 2.680); International Journal of Environmental Research and Public Health (IF 3.390); BMC Musculoskeletal Disorders (IF 1.879); Sport Sciences for Health; International Journal of Rehabilitation Research (IF 1.479); Healthcare (IF 2.645); Journal of Medical Virology (IF 2.021); Clinical Nutrition (IF 7.324); Cardiovascular Diagnosis and Therapy (IF 2.615); World Journal of Surgical Oncology (IF 1.966); Scientific Reports (IF 3.998); Motor Control (IF 1.138); Journal of Biological Regulators & Homeostatic Agents (IF 1.506); Spinal Cord (IF 1.773); Clinical Interventions in Aging (IF 4.458); Journal of Bodywork & Movement Therapies	Reviewer for International Indexed and Impacted Journals
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**Part IV – Teaching experience**

Year	Institution	Lecture/Course
2021/2022 2022/2023	Sapienza University of Rome - Physiotherapy - Degree Course C, S. Giovanni Addolorata	Orthopedic and Trauma Rehabilitation - 1034834
2022/2023	Sapienza University of Rome – Physiotherapy - Degree Course D – S. Camillo Forlanini, Rome	Orthopedic and Trauma Rehabilitation - 1034834
2020/2021 2021/2022	Sapienza University of Rome - Physiotherapy - Degree course H - ASL Roma 4 - Bracciano (RM)	General methodology of rehabilitation - 1034833
2020/2021 2022/2023	School of Specialization in Physical and Rehabilitation Medicine, Department of Anatomical, Histological, Forensic and Locomotor Apparatus Sciences – Sapienza University of Rome	Introduction to Physical Medicine and Rehabilitation Rehabilitation of the patient affected by osteoporosis Rehabilitation of the immobilization syndrome Osteoporosis rehabilitation Instrumental physical therapy BFB in rehabilitation medicine Rehabilitation of Multiple Sclerosis Treatment of pressure ulcers

## Part V - Society memberships, Awards and Honors

Year	Title
2015	Italian Society of Physical Medicine and Rehabilitation SIMFER - Member
2015	European Society of Physical and Rehabilitation Medicine ESPRM - Member
2015	International Society of Physical and Rehabilitation Medicine ISPRM - Member
2019	SIMFER Italian Society of Physical Medicine and Rehabilitation – Resident Section - Counselor
2019	International Society of Physical and Rehabilitation Medicine ISPRM WYF - Country Ambassador for Italy
2018	Cochrane Rehabilitation - Communication Working Area - Blogger
2021	SIMFER Italian Society of Physical and Rehabilitative Medicine Award 2021 Best Work Published in 2020 <i>Physiatrists</i> <40 years old – 5th Classif.
2020	SIMFER Italian Society of Physical and Rehabilitative Medicine - SIMFER 2020 Award for Best Work Published in 2019 <i>Physiatrists</i> <40 years old – 4th Classif.
2022	European Society of Physical and Rehabilitation Medicine (ESPRM) - Trans European Scientific Contest (TESC) 2022 – 4° Classif.
2019	Certificate - ICH GOOD CLINICAL PRACTICE E6 (R2) - Global Health Training Centre
2020	Scientific Secretariat of the Book: <i>Therapeutic exercise and integrated therapies in musculoskeletal pathologies – Movement is therapy</i> . Prof. Valter Santilli (3 volumes)
2019	Scientific Secretariat of the Book: "Guidelines and Scientific Evidence in Physical Medicine and Rehabilitation Third Volume" Editor Prof Valter Santilli - Press Center – University of Rome "La Sapienza" 2019
2018	Scientific Secretariat of the Book: "Guidelines and Scientific Evidence in Physical Medicine and Rehabilitation Second Volume" Editor Prof Valter Santilli - Press Center - University of Rome "La Sapienza" 2018
2017	Scientific Secretariat of the Book: "Guidelines and Scientific Evidence in Physical and Rehabilitation Medicine" Editor Prof Valter Santilli - Press Center - University of Rome "La Sapienza" 2017
2022	Course of Osteopathy and Manual Medicine. Italian Society of Physical Medicine and Rehabilitation (SIMFER). Scientific Secretariat

**Part VI - Funding Information [grants as PI-principal investigator or I-investigator]**

Year	Title	Program	Grant value
2022	Use of tele-rehabilitation to encourage and monitor the rehabilitation process in patients with disabilities. - RP12218166D1271C	University Call, Research Projects (Small, Medium) - Small Projects, Sapienza University of Rome	3.000 euro
2022	Prize contributions for researchers and research fellows to strengthen their professional condition and enhance the Lazio research system.	European Social Fund Plus Program (ESF+) 2021-2027. Lazio Region. Public Notice - Determination n. G05411 dated 05/05/2022	2.000 euro
2021	Use of an instrumental movement analysis system integrated with inertial sensors, surface electromyography and force platforms, for postural and biomechanical analysis in patients with disabling outcomes of pathologies of neurological and orthopedic origin - RM121179F55536D6	University Call, Research Projects (Small, Medium) - Medium Projects, Sapienza University of Rome	15.000 euro
2019	Additive Manufacturing Structural Redesign of Hip Prostheses for Improved Functionality and Structure- Bone Integration-RM11916B869F7DCC	University Call, Research Projects (Small, Medium) - Medium Projects, Sapienza University of Rome	13.200 euro
2018	Machine Learning and Sensor Integration for Innovative e-Health Practices in Parkinson's Disease - RM11816436C3EE02	University Call, Research Projects (Small, Medium) - Medium Projects, Sapienza University of Rome	15.000 euro

**Part VII – Research Activities**

Keywords                      Brief Description

Oncological Rehabilitation	<p>Research activity related to the SSD MED34 (Physical and Rehabilitation Medicine) carried out mainly at the Department of Anatomical, Histological, Forensic and Locomotor Apparatus Sciences, Sapienza University of Rome, concerning various areas of Physical and Rehabilitation Medicine with particular interest in the field of Oncological Rehabilitation, Movement Analysis (Computerized Movement Analysis and optical posture detection systems), the use of Machine Learning, Big Data and Artificial Intelligence techniques in the health sector and Balneotherapy. The issue of international scientific literature review was also studied in order to identify guidelines and/or good practices in the rehabilitation field. These researches have led to the publication of scientific articles in international peer-reviewed journals and the publication of editorial volumes. Specialization in Physical Medicine and Rehabilitation in 2019 at the Sapienza University of Rome. Research Fellow - Data Mining in Physical and Rehabilitation Medicine and currently Type A fixed-term researcher at the Sapienza University of Rome. Member of the Italian Society of Physical and Rehabilitation Medicine (SIMFER) where I hold the role of Coordinator of the Postgraduate Section and of the Section of Instrumental Semeiotics in Rehabilitation, of the European Society of Physical and Rehabilitation Medicine (ESPRM) and of the International Society of Physical and Rehabilitation Medicine (ISPRM) where I hold the role of County Ambassador for Italy of the World Youth Forum Task Force-ISPRM.</p>
Gait Analysis	
Machine Learning	
Balneotherapy	
Viscosupplementation	

## Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	65	Scopus	2018	2023
Papers [national]	9			
Books [scientific]	5			

Total Impact factor	80,006 (Fonte WOS)
Average Impact factor per Product	0.28 (FONTE: WOS)
Total Citations	701 (Fonte Scopus)
Average Citations per Product	10,8 (Fonte Scopus)
Hirsch (H) index	18 (Fonte Scopus)
Normalized H index*	3 (Fonte Scopus)

\*H index divided by the academic seniority.

## Part IX– TOTAL Publications

### ARTICLES IN PEER REVIEWED JOURNALS

1. Mallio CA, Bernetti C, **Agostini F**, Mangone M, Paoloni M, Santilli G, Martina FM, Quattrocchi CC, Zobel BB, Bernetti A. Advanced MR Imaging for Knee Osteoarthritis: A Review on Local and Brain Effects. *Diagnostics (Basel)*. 2022 Dec 24;13(1):54. doi: 10.3390/diagnostics13010054.
2. Farì G, Megna M, Ranieri M, **Agostini F**, Ricci V, Bianchi FP, Rizzo L, Farì E, Tognolo L, Bonavolontà V, Fiore P, Reis VM. Could the Improvement of Supraspinatus Muscle Activity Speed up Shoulder Pain Rehabilitation Outcomes in Wheelchair Basketball Players? *International Journal of Environmental Research and Public Health*. 2023; 20(1):255. <https://doi.org/10.3390/ijerph20010255>
3. Paolucci T, de Sire A, **Agostini F**, Bernetti A, Salomè A, Altieri M, Di Piero V, Ammendolia A, Mangone M, Paoloni M. Efficacy of interoceptive and embodied rehabilitative training protocol in patients with mild multiple sclerosis: A randomized controlled trial. *Front Neurol*. 2022 Dec 21;13:1095180. doi: 10.3389/fneur.2022.1095180.
4. **Agostini F**, de Sire A, DI Giacomo G, Paoloni M, Murgia M, DI Cesare A, Ammendolia A, Bernetti A, Mangone M. Postural evaluation and risk of musculoskeletal injuries in professional male rugby players: a proof-of-principle study. *J Sports Med Phys Fitness*. 2022 Dec;62(12):1675-1684. doi: 10.23736/S0022-4707.22.13462-6.
5. de Sire A, Moggio L, Marotta N, **Agostini F**, Tasselli A, Drago Ferrante V, Curci C, Calafiore D, Ferraro F, Bernetti A, Ozyemisci Taskiran O, Ammendolia 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. Paolucci T, de Sire A, Ferrillo M, di Fabio D, Molluso A, Patruno A, Pesce M, Lai C, Ciacchella C, Saggino A, **Agostini F**, Tommasi M. Telerehabilitation proposal of mind-body technique for physical and psychological outcomes in patients with fibromyalgia. *Front Physiol*. 2022 Aug 26;13:917956. doi: 10.3389/fphys.2022.917956.
7. **Agostini F**, Bernetti A, Santilli G, Paoloni M, Santilli V, Mangone M. Laser and thermal therapy in athletes' tennis elbow: an observational study. *Med Sport* 2022;75:238-47. doi: 10.23736/S0025-7826.22.04048-0
8. Mangone M, **Agostini F**, de Sire A, Cacchio A, Chiaramonte A, Butterini G, Martano A, Paoloni M, Bernetti A, Paolucci T. Effect of virtual reality rehabilitation on functional outcomes for return-to-work

patients with Parkinson's disease: An umbrella review of systematic reviews. *NeuroRehabilitation*. 2022;51(2):201-211. doi: 10.3233/NRE-220029.

9. Bernetti A, La Russa R, de Sire A, **Agostini F**, De Simone S, Farì G, Lacasella GV, Santilli G, De Trane S, Karaboue M, Ruiu P, Mangone M, Leigh M, Santilli V, Fiore P. Cervical Spine Manipulations: Role of Diagnostic Procedures, Effectiveness, and Safety from a Rehabilitation and Forensic Medicine Perspective: A Systematic Review. *Diagnostics (Basel)*. 2022 Apr 23;12(5):1056. doi: 10.3390/diagnostics12051056.

10. de Sire A, Marotta N, **Agostini F**, Drago Ferrante V, Demeco A, Ferrillo M, Inzitari MT, Pellegrino R, Russo I, Ozyemisci Taskiran O, Bernetti A, Ammendolia A. A Telerehabilitation Approach to Chronic Facial Paralysis in the COVID-19 Pandemic Scenario: What Role for Electromyography Assessment? *J Pers Med*. 2022 Mar 19;12(3):497. doi: 10.3390/jpm12030497.

11. **Agostini F**, Mangone M, Finamore N, Di Nicola M, Papa F, Alessio G, Vetrugno L, Chiaramonte A, Cimbri G, Bernetti A, Paoloni M, Paolucci T. The Efficacy of Instrumental Physical Therapy through Extracorporeal Shock Wave Therapy in the Treatment of Plantar Fasciitis: An Umbrella Review. *Applied Sciences*. 2022; 12(6):2841. <https://doi.org/10.3390/app12062841>

12. Farì G, de Sire A, Fallea C, Albano M, Grossi G, Bettoni E, Di Paolo S, **Agostini F**, Bernetti A, Puntillo F, Mariconda C. Efficacy of Radiofrequency as Therapy and Diagnostic Support in the Management of Musculoskeletal Pain: A Systematic Review and Meta-Analysis. *Diagnostics (Basel)*. 2022 Feb 26;12(3):600. doi: 10.3390/diagnostics12030600.

13. de Sire A, Ferrillo M, Lippi L, **Agostini F**, de Sire R, Ferrara PE, Raguso G, Riso S, Rocuzzo A, Ronconi G, Invernizzi M, Migliario M. Sarcopenic Dysphagia, Malnutrition, and Oral Frailty in Elderly: A Comprehensive Review. *Nutrients*. 2022 Feb 25;14(5):982. doi: 10.3390/nu14050982.

14. de Sire A, Marotta N, Ferrillo M, **Agostini F**, Sconza C, Lippi L, Respizzi S, Giudice A, Invernizzi M, Ammendolia A. Oxygen-Ozone Therapy for Reducing Pro-Inflammatory Cytokines Serum Levels in Musculoskeletal and Temporomandibular Disorders: A Comprehensive Review. *Int J Mol Sci*. 2022 Feb 25;23(5):2528. doi: 10.3390/ijms23052528.

15. Farì G, Pignatelli G, Macchiarola D, Bernetti A, **Agostini F**, Fornaro M, et al. Cartilage damage: clinical approach. *Minerva Orthop* 2022;73:20-7. DOI: 10.23736/S2784-8469.21.04174-2

16. **Agostini F**, de Sire A, Paoloni M, Finamore N, Ammendolia A, Mangone M, Bernetti A. Effects of hyaluronic acid injections on pain and functioning in patients affected by tendinopathies: A narrative review. *J Back Musculoskelet Rehabil*. 2022;35(5):949-961. doi: 10.3233/BMR-210309.

17. de Sire A, **Agostini F**, Bernetti A, Mangone M, Ruggiero M, Dinatale S, Chiappetta A, Paoloni M, Ammendolia A, Paolucci T. Non-Surgical and Rehabilitative Interventions in Patients with Frozen Shoulder: Umbrella Review of Systematic Reviews. *J Pain Res*. 2022 Aug 19;15:2449-2464. doi: 10.2147/JPR.S371513.

18. Tenti S, Mondanelli N, Bernetti A, Mangone M, **Agostini F**, Capassoni M, Chelleschi S, De Chiara R, Farì G, Frizziero A, Giannotti S, Guiducci S, Masiero S, Megna M, Messina C, Moretti L, Tognolo L, Gigliucci G, Santilli V, Migliore A, Fioravanti A. Impact of Covid-19 pandemic on injection-based practice: report from an Italian multicenter and multidisciplinary survey. *Ann Ig*. 2022 Sep-Oct;34(5):501-514. doi: 10.7416/ai.2022.510.

19. Paolucci T, **Agostini F**, Mangone M, Torquati A, Scienza S, Sorgi ML, Pellicano GR, Lai C, Bernetti A, Paoloni M. Effects of a motor imagery-based exercise protocol on chronic pain and emotional distress in patients with fibromyalgia syndrome: A pilot study. *J Back Musculoskelet Rehabil*. 2021 Jul 2. doi: 10.3233/BMR-200328.

20. Bernetti A, Farì G, Mangone M, Fiore P, Santilli V, Paoloni M, **Agostini F**. Medical management of osteoarthritis during the CO-VID-19 pandemic: a challenge for the present and the future. *Ann Ig*. 2022 Mar-Apr;34(2):184-189. doi: 10.7416/ai.2022.2478.

21. Paoloni M, **Agostini F**, Bernasconi S, Bona G, Cisari C, Fioranelli M, Invernizzi M, Madeo A,

Matucci-Cerinic M, Migliore A, Quirino N, Ventura C, Viganò R, Bernetti A. Information Survey on the Use of Complementary and Alternative Medicine. *Medicina (Kaunas)*. 2022 Jan 14;58(1):125. doi: 10.3390/medicina58010125

22. Colombo T, Mangone M, **Agostini F**, Bernetti A, Paoloni M, Santilli V, Palagi L. Supervised and unsupervised learning to classify scoliosis and healthy subjects based on non-invasive rasterstereography analysis. *PLoS One*. 2021 Dec 23;16(12):e0261511. doi: 10.1371/journal.pone.0261511.

23. Bai AV, **Agostini F**, Bernetti A, Mangone M, Fidenzi G, D'Urzo R, Ruggiero M, Murgia M, Santilli V, Paoloni M, Ruoppolo G, Masiero S. State of the evidence about rehabilitation interventions in patients with dysphagia. *Eur J Phys Rehabil Med*. 2021 Feb 4. doi: 10.23736/S1973-9087.21.06716-2.

24. Schillizzi G, Alviti F, D'Ercole C, Elia D, **Agostini F**, Mangone M, Paoloni M, Bernetti A, Pacini P, Polti G, Minafra P, Cantisani V. Evaluation of plantar fasciopathy shear wave elastography: a comparison between patients and healthy subjects. *J Ultrasound*. 2020 May 16. doi: 10.1007/s40477-020-00474-7.

25. Paolucci T, **Agostini F**, Mangone M, Bernetti A, Pezzi L, Liotti V, Recubini E, Cantarella C, BellomoRG, D'Aurizio C, Saggini R. Robotic rehabilitation for end-effector device and botulinum toxin in upper limb rehabilitation in chronic post-stroke patients: an integrated rehabilitative approach. *Neurol Sci*. 2021Apr 7. doi: 10.1007/s10072-021-05185-3.

26. **Agostini F**, Attanasi C, Bernetti A, Mangone M, Paoloni M, del Monte E, Mammucari M, Maggiori E, Russo D, Marzo RD, Migliore A, Paolucci T. Web Axillary Pain Syndrome—Literature Evidence and Novel Rehabilitative Suggestions: A Narrative Review. *International Journal of Environmental Research and Public Health*. 2021; 18(19):10383. <https://doi.org/10.3390/ijerph181910383>.

27. Paolucci T, Saggino A, **Agostini F**, Paoloni M, Bernetti A, Mangone M, Santilli V, Saggini R, Tommasi M. The Influence of Rehabilitation on Quality of Life in Breast Cancer Survivors: A Clinical Study. *International Journal of Environmental Research and Public Health*. 2021; 18(16):8585. <https://doi.org/10.3390/ijerph18168585>.

28. Pesce M, La Fratta I, Paolucci T, Grilli A, Patruno A, **Agostini F**, Bernetti A, Mangone M, Paoloni M, Invernizzi M, de Sire A. From Exercise to Cognitive Performance: Role of Irisin. *Applied Sciences*. 2021; 11(15):7120. <https://doi.org/10.3390/app11157120>.

29. **Agostini F**, Pezzi L, Paoloni M, Insabella R, Attanasi C, Bernetti A, Saggini R, Mangone M, Paolucci T. Motor Imagery: A Resource in the Fatigue Rehabilitation for Return-to-Work in Multiple Sclerosis Patients-A Mini Systematic Review. *Front Neurol*. 2021 Jul 5;12:696276. doi: 10.3389/fneur.2021.696276.

30. Zucchi B, **Agostini F**, Paoloni M, Bernetti A, Mangone M, Zucchi S. Efficacy of ultrasound-guided intra-articular injection with hyaluronic acid for the management of hip osteoarthritis patients. *J Biol Regul Homeost Agents*. Jul-Aug 2021;35(4):1349-1353. doi: 10.23812/21-238-L.

31. Saggini R, Paolucci T, Bellomo RG, Mangone M, Bernetti A, Pezzi L, Damiani M, Liotti V, **Agostini F**, D'Aurizio C. Early rehabilitation program in SARS-CoV-2 hospitalized patients during the first lockdown: an Italian experience. *J Biol Regul Homeost Agents*. Jul-Aug 2021;35(4):1287-1291. doi: 10.23812/20-203-L.

32. Sbardella S, La Russa C, Bernetti A, Mangone M, Guarnera A, Pezzi L, Paoloni M, **Agostini F**, Santilli V, Saggini R, Paolucci T. Muscle Energy Technique in the Rehabilitative Treatment for Acute and Chronic Non-Specific Neck Pain: A Systematic Review. *Healthcare (Basel)*. 2021 Jun 17;9(6):746. doi: 10.3390/healthcare9060746.

33. Bernetti A, **Agostini F**, Alviti F, Giordan N, Martella F, Santilli V, Paoloni M, Mangone M. New Viscoelastic Hydrogel Hymovis MO.RE. Single Intra-articular Injection for the Treatment of Knee Osteoarthritis in Sportsmen: Safety and Efficacy Study Results. *Front Pharmacol*. 2021 May 28;12:673988. doi: 10.3389/fphar.2021.673988.

34. Paolucci T, **Agostini F**, Paoloni M, de Sire A, Verna S, Pesce M, Ribecco L, Mangone M, Bernetti A,



Saggini R. Efficacy of TENS in Cervical Pain Syndromes: An Umbrella Review of Systematic Reviews. *Applied Sciences*. 2021; 11(8):3423. <https://doi.org/10.3390/app11083423>

35. **Agostini F**, Bernetti A, Di Giacomo G, Viva MG, Paoloni M, Mangone M, Santilli V, Masiero S. Rehabilitative Good Practices in the Treatment of Sarcopenia: A Narrative Review. *Am J Phys Med Rehabil*. 2021 Mar 1;100(3):280-287. doi: 10.1097/PHM.0000000000001572.

36. de Sire A, **Agostini F**, Lippi L, Mangone M, Marchese S, Cisari C, Bernetti A, Invernizzi M. Oxygen-Ozone Therapy in the Rehabilitation Field: State of the Art on Mechanisms of Action, Safety and Effectiveness in Patients with Musculoskeletal Disorders. *Biomolecules*. 2021 Feb 26;11(3):356. doi: 10.3390/biom11030356.

37. Paolucci T, Bernetti A, Bai AV, Capobianco SV, Bonifacino A, Maggi G, Ippoliti G, Tinelli L, Santilli V, **Agostini F**, Paoloni M, Mangone M. The recovery of reaching movement in breast cancer survivors: two different rehabilitative protocols in comparison. *Eur J Phys Rehabil Med*. 2021 Feb;57(1):137-147. doi: 10.23736/S1973-9087.20.06138-9.

38. Paolucci T, Bernetti A, Bai AV, Segatori L, Monti M, Maggi G, Ippoliti G, Tinelli L, Santilli V, Paoloni M, **Agostini F**, Mangone M. The sequelae of mastectomy and quadrantectomy with respect to the reaching movement in breast cancer survivors: evidence for an integrated rehabilitation protocol during oncological care. *Support Care Cancer*. 2021 Feb;29(2):899-908. doi: 10.1007/s00520-020-05567-x.

39. Masiero S, Sarto F, Cattelan M, Sarto D, Del Felice A, **Agostini F**, Scanu A. Lifetime prevalence of non-specific low back pain in adolescents: a cross-sectional epidemiological survey. *Am J Phys Med Rehabil*. 2021 Feb 18. doi: 10.1097/PHM.0000000000001720.

40. Bai AV, Rabasco J, Ceccatelli V, Florida S, Sbardella S, Petrianni C, **Agostini F**, Paoloni M. Suggestions for changes in professional procedures and adaptation to COVID-19: new models of care in the rehabilitation setting. *Ann Ig*. 2021 May-Jun;33(3):299-304. doi: 10.7416/ai.2021.2434.

41. Paolucci T, **Agostini F**, Mangone M, Bernetti A, Cordiani B, Bellomo RG, Saggini R, Villani C. Sagittal spine alignment and postural balance in pre-puberty age: a multidisciplinary and multi-professional rehabilitative point of view. *J Biol Regul Homeost Agents*. 2021 Jan-Feb;35(1):367-372. doi: 10.23812/20-621-L..

42. Bernetti A, **Agostini F**, de Sire A, Mangone M, Tognolo L, Di Cesare A, Ruiu P, Paolucci T, Invernizzi M, Paoloni M. Neuropathic Pain and Rehabilitation: A Systematic Review of International Guidelines. *Diagnostics (Basel)*. 2021 Jan 5;11(1):74. doi: 10.3390/diagnostics11010074..

43. Paolucci T, **Agostini F**, Bernetti A, Paoloni M, Mangone M, Santilli V, Pezzi L, Bellomo RG, Saggini R. Integration of focal vibration and intra-articular oxygen-ozone therapy in rehabilitation of painful knee osteoarthritis. *J Int Med Res*. 2021 Feb;49(2):300060520986705. doi: 10.1177/0300060520986705.

44. **Agostini F**, Mangone M, Ruiu P, Paolucci T, Santilli V, Bernetti A. Rehabilitation setting during and after Covid-19: An overview on recommendations. *J Rehabil Med*. 2021 Jan 5;53(1):jrm00141. doi: 10.2340/16501977-2776.

45. Bernetti A, **Agostini F**, Cacchio A, Santilli V, Ruiu P, Paolucci T, Paoloni M, Mangone M. Postural Evaluation in Sports and Sedentary Subjects by Rasterstereographic Back Shape Analysis. *Applied Sciences*. 2020; 10(24):8838. <https://doi.org/10.3390/app10248838>

46. Gimigliano F, Negrini S, Arienti C, Bettinsoli R, Patrini M, Liguori S, Zampolini M, Kiekens C; **Cochrane Rehabilitation Communication Working Area Contributors**. Cochrane rehabilitation communication strategy. *Eur J Phys Rehabil Med*. 2020 Dec;56(6):836-838. doi: 10.23736/S1973-9087.20.06593-4.

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#### CONTRIBUTOR TO ARTICLES IN INDEXED AND/OR IMPACTED INTERNATIONAL JOURNALS

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#### ARTICLES IN NON PEER REVIEWED JOURNALS

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2. de Sire A, Poudel MK, **Agostini F**, Freitas MM, Ranker A, Rosselin C, Sobotová K, Frontera WR, Gimigliano F. Impact of the COVID-19 Pandemic on European Residency Training Programs in Physical and Rehabilitation Medicine: The Point of -View of the International Society of Physical and Rehabilitation Medicine World Youth Forum Task Force. *The Journal of the International Society of Physical and Rehabilitation Medicine*, Volume XX, Issue XX, Month 2020.
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4. Santilli V, Bernetti A, **Agostini F**, Conte V, Alviti F, Madeo A. Simulazione di casi clinici: ipotetiche fattispecie nell'ambito della Medicina Fisica e Riabilitativa a seguito della legge Bianco-Gelli. *MR Giornale Italiano di Medicina Riabilitativa*, Vol. 31, n. 3, Settembre 2017.
5. Santilli V, Bernetti A, **Agostini F**, Conte V, Alviti F, Madeo A. Aspetti assicurativi e rapporti tra Azienda ed esercente la professione sanitaria alla luce della legge Bianco-Gelli. *MR Giornale Italiano di Medicina Riabilitativa*, Vol. 31, n. 3, Settembre 2017.
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the Italian Society of Physical and Rehab. Medicine, Ancona.

8. Zucchi B, Mangone M, Bernetti A, Cannata R, Petriello L, **Agostini F**, Villani C. Valutazione cinematica ed elettromiografica di superficie in pazienti sottoposti ad intervento di osteosintesi per frattura di radio distale. PROCEEDING of the 103th National Congress of the Italian Society of Orthopedy e Traumatology, Bari.

9. **Agostini F**, Alviti F, Izzo R, Paoloni M, Santilli V, Mangone M, Bernetti A. Trattamento della gonartrosi mediante infiltrazioni intra-articolari di acido ialuronico reticolato (MO.RE technology): valutazione clinica e gait analysis (studio pilota). PROCEEDINGS of the 45th National Congress of the Italian Society of Physical and Rehab. Medicine, Genova.

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#### BOOK CHAPTERS

1. Antonaccio P, Muraglie G, Santodirocco A, Settevendemmie A, **Agostini F**, Paoloni M. L'esercizio terapeutico nel trattamento della lombalgia. In "Esercizio terapeutico e terapie integrate nelle patologie muscolo-scheletriche. Prof. Valter Santilli 2020.

2. Lavini G, Marchese S, Mariani F, Cimbri G, Vecchio L, Segatori L, Paolucci T, **Agostini F**. L'esercizio terapeutico nel trattamento della lombalgia. In "Esercizio terapeutico e terapie integrate nelle patologie muscolo-scheletriche. Prof. Valter Santilli 2020.

3. Santilli V, **Agostini F**. Sinergie Riabilitazione e Termalismo nell'Osteoporosi. In "Sinergie Termalismo e Riabilitazione", Terapie Riabilitative in acqua, Fondazione per la Ricerca Scientifica Termale - FoRST (2020).

4. Santilli V, **Agostini F**. Sinergie Riabilitazione e Termalismo nella Spondilite Anchilosante. In "Sinergie Termalismo e Riabilitazione", Terapie Riabilitative in acqua, Fondazione per la Ricerca Scientifica Termale - FoRST (2020).

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10. Madeo A, Alviti F, Bernetti A, **Agostini F**, Santilli V. Lo "stato dell'arte" sulla colpa penale degli esercenti le professioni sanitarie a seguito delle sezioni unite del 21.12.2017 sulla riforma Gelli-Bianco. In "Linee guida, Buone pratiche ed evidenze scientifiche in Medicina Fisica e Riabilitativa (II volume)", Centro Stampa – Università degli Studi di Roma "La Sapienza" (2018).

11. Segatori L, Bernetti A, **Agostini F**, Ioppolo F, Mangone M. Buone pratiche e linee guida riabilitative nel trattamento delle patologie muscolo-scheletriche e neurologiche mediante terapie fisiche strumentali. In “Linee guida, Buone pratiche ed evidenze scientifiche in Medicina Fisica e Riabilitativa (II volume)”, Centro Stampa – Università degli Studi di Roma “La Sapienza” (2018).
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14. Attanasi C, Rabasco J, Del Giudice M, **Agostini F**, Vitale M. Buone pratiche e linee guida riabilitative delle patologie muscolo-scheletriche e medicina termale. In “Linee guida, Buone pratiche ed evidenze scientifiche in Medicina Fisica e Riabilitativa (II volume)”, Centro Stampa – Università degli Studi di Roma “La Sapienza” (2018).
15. Santilli V, Bernetti A, **Agostini F**, Conte V, Madeo A. Linee guida e buone pratiche in Medicina Fisica e Riabilitativa, aspetti medico-legali per i professionisti della riabilitazione alla luce della legge Bianco-Gelli. In “Linee guida ed evidenze scientifiche in Medicina Fisica e Riabilitativa”, Centro Stampa – Università degli Studi di Roma “La Sapienza” (2017).
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19. Alviti F, **Agostini F**, Conte V, Bernetti A. Linee guida ed evidenze scientifiche sulla terapia infiltrativa intra-articolare medicina riabilitativa. In “Linee guida ed evidenze scientifiche in Medicina Fisica e Riabilitativa”, Centro Stampa – Università degli Studi di Roma “La Sapienza” (2017).
20. **Agostini F**, Bellina E, Izzo R, De Lorenzo FR, Bernetti A. Linee guida ed evidenze scientifiche nella riabilitazione dell’osteoporosi. In “Linee guida ed evidenze scientifiche in Medicina Fisica e Riabilitativa”, Centro Stampa – Università degli Studi di Roma “La Sapienza” (2017).
21. Alviti F, Tognolo L, Galeoto G, Conte V, Bettinelli A, La Russa C, Piscitello C, De Angelis ML, Lauro A, Martella F, Segneri R, Vullo SS, **Agostini F**, Bernetti A, Attanasi C. Linee guida ed evidenze scientifiche sulla medicina non convenzionale e riabilitazione (osteopatia, agopuntura, chiropratica, omeopatia). In “Linee guida ed evidenze scientifiche in Medicina Fisica e Riabilitativa”, Centro Stampa – Università Studi di Roma “La Sapienza” (2017).

## **Part X Congress activity – Attendance at Courses, Conferences and Workshops**

### **Speaker at congresses**

1. **Agostini F**. Telerehabilitation in Musculo-skeletal diseases: opportunity or temporary solution? 17° Euromediterranean Physical and Rehabilitation Medicine School " Haim Ring "E.M.R.S.S. COURSE 2022, Siracusa.

2. **Agostini F.** Terapia infiltrativa anti-age: staminali, ac. ialuronico, O2-O3, Carbossi, PRP. Rome Rehabilitation 2022, Roma.
3. **Agostini F.** The sequelae of mastectomy and quadrantectomy with respect to the reaching movement in breast cancer survivors: evidence for an integrated rehabilitation protocol during oncological care. Congresso internazionale della International Society of Physical and Rehabilitation Medicine (ISPRM) 2022, Lisbona.
4. Viva M, Mangone M, Bernetti A, **Agostini F**, Paoloni M
5. Clinical and biomechanical evaluation of an adaptive poly-articulated myoelectric hand prosthesis: A case series. XXII Congresso della Società Italiana di Analisi del Movimento in Clinica (SIAMOC)
6. **Agostini F.** La riabilitazione delle flebolinfopatie in ambiente termale in Italia. 36° Congresso Nazionale della Società Italiana di Flebologia (SIF) 2022, San Benedetto del Tronto (AP).
7. **Agostini F.** Indicazioni e controindicazioni all'utilizzo della robotica in riabilitazione. Giornate di studio della sezione Sardegna della Società Italiana di Medicina Fisica e Riabilitativa 2022, Cagliari.
8. **Agostini F.** Età giovanile e ripristino dell'equilibrio in presenza di disarmonie del corpo. Congresso Nazionale della Società Italiana di Medicina Estetica 2022, Roma.
9. **Agostini F**, Paolucci T. L'esercizio terapeutico e terapia integrata nella lombalgia e cervicalgia. Rome Rehabilitation 2021, Roma.
10. Alviti F, **Agostini F**, Bernetti A, Vetrano M. Terapia medica e infiltrativa nell'osteartrosi. Rome Rehabilitation 2021, Roma.
11. **Agostini F.** Give me a kiss! An integrative rehabilitative training program with motor imagery and mirror therapy for recovery of facial palsy. 49° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Milano.
12. **Agostini F.** Update delle Raccomandazioni per l'approccio globale riabilitativo al paziente con osteoporosi in epoca di Pandemia Covid. 49° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Milano.
13. Bernetti A, **Agostini F**, Di Giacomo G. Epidemiologia e diagnosi di sarcopenia: lo stato dell'arte pre e post pandemia Covid. 49° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Milano.
14. Paolucci T, **Agostini F**, Torquati A, Bettinelli A, Bernetti A, Mangone M, Paoloni M. Chronic venous insufficiency and flat foot in the adult: the handshake between the angiologist and the physiatrist towards an integrated efficacy rehabilitation protocol. 49° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Milano.
15. **Agostini F.** Esperienze di real life | Se la diagnosi è problematica, il trattamento lo è ancor di più: successi ed errori nella presa in carico della persona con fibromialgia. Keep in Touch in Fisiatria, La Tele-riabilitazione: una necessità al tempo del COVID, una opportunità nel futuro. Focus fibromialgia: cosa fare (e cosa non fare) nella riabilitazione. Live Webinar – Società Italiana Medicina Fisica e Riabilitativa (SIMFER).
16. Mangone M, Bernetti A, **Agostini F**, Paoloni M, De Cicco FA, Capobianco SV, Bai AV, Bonifacino A, Santilli V, Paolucci T. Changes in Spine Alignment and Postural Balance After Breast Cancer Surgery: A Rehabilitative Point of View. 48° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER).
17. **Agostini F**, Di Giacomo G, Viva MG. Linee guida e Sarcopenia: Televoto. Rome Rehabilitation 2019, Roma.
18. **Agostini F.** Riabilitazione nelle disabilità con linfedema secondario. 104° Congresso Nazionale Della Società Italiana Di Ortopedia E Traumatologia (SIOT), Roma.

19. Masiero S, **Agostini F**. Riabilitazione nel paziente reumatico anziano. 104° Congresso Nazionale Della Società Italiana Di Ortopedia E Traumatologia (SIOT), Roma.
20. Paolucci T, **Agostini F**, Salomè A, Sbardella S, La Russa C, Paoloni M, Mangone M, Bernetti A, Santilli V. Come la mente percepisce il nostro corpo? Gli effetti di un training riabilitativo “embodied” in pazienti con sclerosi multipla. 47° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Firenze.
21. **Agostini F**, Paoloni M, Alviti F, Paolucci T, Santilli V, Mangone M, Bernetti A. Trasferimento del tendine del Peroneus Brevis nella ricostruzione del tendine d’Achille. Analisi cliniche, radiologiche e funzionali. 47° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Firenze.
22. Alviti F, **Agostini F**, Bernetti A, Paoloni M, Mangone M, D’ercole C, Di sante L, Santilli V. Valutazione ecografica ed elastosonografica in pazienti affetti da fascite plantare pre e post trattamento con ESWT. 13° Congresso Nazionale Medici in formazione specialistica in Medicina Fisica e Riabilitativa, Bologna
23. Masiero S, **Agostini F**. Rehabilitation in an Italian thermal setting: a new therapeutic strategy for patients with musculoskeletal disability. XLIV World Congress of International Society of Medical Hydrology, Wieliczka, Polonia.
24. **Agostini F**. Valutazione ecografica ed elastosonografica in pazienti affetti da fascite plantare pre e post trattamento con ESWT. II Congresso Società Italiana di Medicina Fisica Interventistica Multidisciplinare (SIMRIM), Roma.
25. **Agostini F**. Linee guida e lesioni muscolari. Rome Rehabilitation 2018, Roma.
26. Zucchi B, Mangone M, Bernetti A, Cannata R, Petriello L, **Agostini F**, Villani C. Valutazione cinematica ed elettromiografica di superficie in pazienti sottoposti ad intervento di osteosintesi per frattura di radio distale. 103° Congresso Nazionale della Società Italiana di Ortopedia e Traumatologia, Bari.
27. **Agostini F**, Bernetti A, Mangone M, Kaciulyte J, Lo Torto F, Ribuffo D., Carlesimo B, Santilli V. Trasferimento del tendine del Peroneus Brevis nella ricostruzione del tendine d’Achille. Analisi cliniche, radiologiche e funzionali. 12° Congresso Nazionale Medici in formazione specialistica in Medicina Fisica e Riabilitativa Bologna.
28. **Agostini F**, Bernetti A, Mangone M, Paoloni M, Santilli V. Efficacia della terapia iniettiva intra-articolare in atleti over 50 con gonartrosi: valutazione tramite gait analysis. 46° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Ancona.
29. Damiani C, **Agostini F**, Pournajaf S, Goffredo M, Criscuolo S, Santilli V, Franceschini M. La riabilitazione in pazienti con protesi totale di ginocchio mediante l’utilizzo della realtà virtuale. Risultati preliminari. 46° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Ancona.
30. **Agostini F**, Mangone M, Paoloni M, Izzo R, Bettinelli A, Di Paolo A, Alviti F, Bernetti A. Valutazione delle alterazioni posturali secondarie a Spondilite Anchilosante tramite videorasterstereografia. 46° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Ancona.
31. Murgia M, Izzo R, Bettinelli A, Torquati A, **Agostini F**, Paoloni M, Mangone M, Bernetti A. Validazione in lingua italiana della scala NCCPC-R (Non-Communication Children’s Pain Checklist Revised). 46° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Ancona.
32. **Agostini F**. Inquadramento e trattamento riabilitativo della frozen shoulder. V Congresso Nazionale A.s.sociazione Italiana Specializzandi in Ortopedia e Traumatologia (AISOT), Napoli.
33. **Agostini F**, Bernetti A. Linee guida ed osteoporosi. Rome Rehabilitation 2017, Roma.
34. **Agostini F**, Bernetti A, Mangone M, Alviti F, Paoloni M, Tognolo L, Attanasi C, Cruciani A, Santilli V,

Canonico R, De Nicola A. Motor imagery e riabilitazione di un calciatore professionista dopo riparazione chirurgica del legamento crociato anteriore: un case report. 45° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Genova.

35. Bernetti A, **Agostini F**, Izzo R, Paoloni M, Santilli V. Trattamento della gonartrosi mediante infiltrazioni intra – articolari di acido ialuronico reticolato (MO.RE technology): valutazione clinica e gait – analysis (studio pilota). 45° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Genova.

36. Venditto T, **Agostini F**, Paoloni M. Valutazione del controllo e dell'apprendimento motorio nei pazienti con lesione massiva della cuffia dei rotatori attraverso il sistema robotico MIT - Manus. 45° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Genova.

37. **Agostini F**, Bernetti A, Conte V, Mangone M, Santilli V, Canonico R, De Nicola A. Motor imagery e riabilitazione di un calciatore professionista dopo riparazione chirurgica del legamento crociato anteriore: un case report. 11° Congresso Nazionale Medici in formazione specialistica in Medicina Fisica e Riabilitativa, Bologna.

38. Bernetti A, Attanasi C, Paoloni M, Mangone M, **Agostini F**, Santilli V. Relazione tra postura e Bone Mineral Density in donne in post-menopausa: valutazione tramite videorasterstereografia (Spinometria). 44° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Bari.

#### **Poster at congresses**

1. Mangone M, Bernetti A, **Agostini F**, Alviti F, Santilli V. Achilles' tendon open surgical treatment with platelet-rich fibrin matrices augmentation: biomechanical evaluation. VII ISMult Congress. Open mind and new technologies in muscle, ligaments and tendons, Roma.

2. Paolucci T, **Agostini F**, Sbardella S, La Russa C, Santilli V, Bernetti A, Salomè A, Mangone M. The effectiveness of an embodied rehabilitative training in multiple sclerosis patients: randomized controlled study. 14th ISPRM World Congress – ISPRM 2020, Orlando, USA.

3. Cirolia V, Bernetti A, Mangone M, **Agostini F**, Di Stanislao E, Rosellini G, Paoloni M. Stance Control Orthosis: stato dell'arte e benefici in termini di efficacia e sicurezza. Case report. 49° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Milano.

#### **Conference moderator**

1. 46° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Ancona.

2. 47° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Firenze.

3. 49° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Milano.

4. 50° Congresso Nazionale Società Italiana Medicina Fisica e Riabilitativa (SIMFER), Catania.

5. Rome Rehabilitation 2022, Roma

The undersigned is aware that, pursuant to art. 26 of law 15/68, false statements, false documents and the use of false documents are punished under the penal code and special laws. Furthermore, the undersigned authorizes the processing of personal data, in accordance with the provisions of Law 196/03 art. 7 and 13

**Roma, 19/01/2023**

