

Christian Geroin

Professore Associato

Dipartimento di Scienze Chirurgiche, Odontostomatologiche e Materno-Infantili, Università di Verona
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Formazione e posizioni lavorative

2020: Abilitazione Scientifica Nazionale 2018-2020, Bando D.D.1532/2016, settore concorsuale 06/N1, Scienze delle Professioni Sanitarie e delle Tecnologie Mediche Applicate, Fascia II (Professore Associato).

2019-Oggi: Membro del comitato scientifico del Registro Italiano Disordini Motori Funzionali, Accademia Italiana per lo Studio della Malattia di Parkinson e dei Disordini del Movimento (LIMPE-DISMOV).

2019-2020: Corso di Perfezionamento 2020 in Revisioni Sistematiche e Metanalisi per la Produzione di Linee Guida Evidence-Based in Ambito Sanitario.

2016-2017: Post-doc fellow presso la Radboud University Medical Center, Donders Institute for Brain, Cognition and Behaviour, Department of Neurology, Nijmegen, Olanda.

2016: Dottorato di Ricerca in Neuroscienze, Università di Verona.

2012: Laurea Magistrale in Scienze Riabilitative delle Professioni Sanitarie (110 e lode), Università di Verona

2009: Laurea in Fisioterapia, Università di Verona

Formazione in istituzioni estere

2016-2017: Post-doc fellow presso la Radboud University Medical Center, Donders Institute for Brain, Cognition and Behaviour, Department of Neurology, Nijmegen, Olanda.

2014-2015: Incarico di ricerca presso "Clinica Neurologica di Neuroriabilitazione Acuta Hochzirl-Natters / Tirol Kliniken", Università di Innsbruck, Austria.

Ricerca e interessi clinici

Disturbi motori funzionali, distonia, sintomi motori e non motori nella malattia di Parkinson, alterazioni della postura nella malattia di Parkinson, riabilitazione pre-post chirurgia del paziente affetto da tumore all'esofago e allo stomaco.

Bibliometrics

Pubblicazioni peer-reviewed: autore o co-autore di 83 pubblicazioni. H-Index Scopus: 26; Numero di citazioni (Scopus): 2576

Memberships

2023-Oggi: Società Italiana per lo Studio delle Malattie dell'Esophago (SISME)

2023-Oggi: Membro del Gruppo Italiano Ricerca Cancro Gastrico (GIRCG)

2022-Oggi: Membro della Società Internazionale Disturbi Neurologici Funzionali

2019-Oggi: Membro della Società Internazionale Parkinson e Disturbi del Movimento (MDS)

2018-Oggi: Iscritto all'ordine dei Fisioterapisti di Verona (FNOFI)

2018-Oggi: Membro dell'Accademia LIMPE-DISMOV

2018-Oggi: Membro della Società Italiana Fisioterapisti (SIF)

2010-Oggi: Membro della Associazione Italiana di Fisioterapia (AIFI)

Madre lingua: Italiano

Altre lingue: Inglese, Francese

Pubblicazioni

1. Casella F, **Geroiin C**, Meloni F, Bencivenga M, Mattioni E, Camozzi S, Weindelmayer J. Enhanced recovery after surgery for gastric cancer with HIPEC: feasibility and outcomes in a complex setting. *Eur J Surg Oncol*. 2026 Apr;52(4):111483.
2. **Geroiin C**, Ercoli T, Marcuzzo E, Sandri A, Camozzi S, Maddaloni D, Romito LM, Eleopra R, Tesolin L, Pellegrin S, Nicoletti A, Mostile G, Magliozzi A, Pilotto A, Modugno N, Olivola E, Demartini B, Nisticò V, Erro R, Cuoco S, Tessitore A, De Micco R, Ceravolo R, Del Prete E, Dallochio C, Arbasino C, Esposito M, Assunta T, Bono F, Pascarella A, Petracca M, Zinzi P, Fabbrini G, Ferrazzano G, Bonanni L, Varanese S, Albanese A, Polverino P, Baglioni V, Defazio G, Zibetti M, Manganotti P, Solla P, Calandra-Buonaura G, Pisani A, Tinazzi M. Clinical features of adolescent-onset functional motor disorders in tertiary movement disorders centers. *J Neurol*. 2026 Mar 22;273(4):223. doi: 10.1007/s00415-026-13761-w.
3. Nisticò V, Demartini B, **Geroiin C**, Marcuzzo E, Sandri A, Romito LM, Eleopra R, Tesolin L, de Bertoldi F, Nicoletti A, Mostile G, Modugno N, Olivola E, Pilotto A, Magliozzi A, Ercoli T, Defazio G, Petracca M, Dallochio C, De Micco R, Esposito M, Erro R, Ceravolo R, Tinazzi M. Pain in Functional Motor Disorders: Clinical Correlates From the Italian Registry. *Eur J Neurol*. 2026 May;33(5):e70634. doi: 10.1111/ene.70634.
4. Gandolfi M, Sandri A, Russo M, Sarasso E, Gardoni A, Basaia S, Erro R, Cuoco S, Carotenuto I, Ricciardi C, Amato F, Vinciguerra C, Botto A, Amboni M, Romano D, Di Vico IA, Fiorio M, Pedrotti G, Paolicelli A, Crestani M, Fratucello A, Mansueto G, Pizzini FB, Barillari M, Lauriola MF, Tozzi M, Rusciano F, **Geroiin C**, Fasoli M, Marotta A, Salaorni F, Squintani GM, Mariotto S, Tamburin S, Paio F, De Biasi G, Piscosquito G, Zenere L, Canu E, Barone P, Filippi M, Agosta F, Pellicchia MT, Tinazzi M. Identifying diagnostic biomarkers in functional motor disorders through multimodal behavioral, neurophysiological, and imaging assessment using explainable machine learning. *J Neurol*. 2026 Apr 30;273(5):299. doi: 10.1007/s00415-026-13838-6.
5. **Geroiin C**, Weindelmayer J, Camozzi S, Leone B, Turolo C, Bencivenga M, Sacco M, De Pasqual CA, Vedovi E, Priolo S, Giacomuzzi S, Association Between ERAS Protocol and Major Postoperative Complications and Reasons for Non-compliance in Patients with Esophageal Cancer, *European Journal of Surgical Oncology*, <https://doi.org/10.1016/j.ejso.2025.109707>.
6. **Geroiin C**, Weindelmayer J, Camozzi S, Leone B, Turolo C, Hetoja S, Bencivenga M, Sacco M, De Pasqual CA, Mattioni E, de Manzoni G, Giacomuzzi S. Clinical predictors of postoperative complications in the context of enhanced recovery (ERAS) in patients with esophageal and gastric cancer. *Updates Surg*. 2024 Feb 15. doi: 10.1007/s13304-023-01739-6.
7. Argenziano G, Squintani G, Camozzi S, Di Vico I, Gandolfi M, Artusi CA, Tinazzi M, **Geroiin C**. Clinical Algorithm-Guided Approach to Botulinum Toxin Type A Treatment for Axial Postural Abnormalities in Parkinson's Disease. *Mov Disord Clin Pract*. 2025 Nov 5.
8. Gandolfi M, Landi S, Sandri A, Di Vico IA, **Geroiin C**, Menaspà Z, Maistri G, Fasoli M, Schena F, Tinazzi M, Leardini C. Clinical outcomes and economic impact of a digital telemedicine

intervention in patients with functional motor disorders: a single-blind, randomised controlled trial. *J Neurol Neurosurg Psychiatry*. 2025 Sep 5;jnnp-2025-336437.

9. Ercoli T, **Geroiin C**, Marcuzzo E, Sandri A, Romito LM, Eleopra R, Tesolin L, de Bertoldi F, Nicoletti A, Mostile G, Padovani A, Pilotto A, Modugno N, Olivola E, Demartini B, Nisticò V, Erro R, Cuoco S, Tessitore A, De Micco R, Ceravolo R, Del Prete E, Dallochio C, Arbasino C, Bono F, Mummolo C, Esposito M, Trinchillo A, Fabbrini G, Ferrazzano G, Petracca M, Piano C, Bonanni L, Carrarini C, Albanese A, Artusi CA, Defazio G, Caruso P, Calandra-Buonaura G, Morgante F, Pisani A, Solla P, Tinazzi M; Italian Registry of Functional Motor Disorders (IRFMD) study group. The Complex Pathway of Conventional Investigations before the Diagnosis of Functional Motor Disorders. *Mov Disord Clin Pract*. 2025 Sep 3.
10. Sandri A, Di Vico IA, **Geroiin C**, Bombieri F, Vandelli V, Tinazzi M, Gandolfi M. Does duration Matter? Evaluating the impact of short- and long-term telemedicine in functional motor disorders. *Parkinsonism Relat Disord*. 2025 Aug;137:107948.
11. Artusi CA, Geroiin C, Camozzi S, Aldegheri S, Bombieri N. Reply: "Human Pose Estimation Is Approximate: Limitations and Considerations for its Use in Clinical Trials". *Mov Disord Clin Pract*. 2025 Aug;12(8):1216-1217.
12. Ostuzzi G, **Geroiin C**, Gastaldon C, Tedeschi F, Clesi FM, Trevisan G, Bidello G, Vita G, Marcuzzo E, Sandri A, Romito LM, Eleopra R, Tesolin L, Franch I, Zappia M, Nicoletti A, Demartini B, Nisticò V, Modugno N, Olivola E, Pilotto A, Padovani A, Defazio G, Ercoli T, Petracca M, De Micco R, Dallochio C, Esposito M, Erro R, Del Prete E, Amaddeo F, Barbui C, Tinazzi M. Characterising alexithymia in individuals with functional motor disorders: a cross-sectional analysis of the Italian Registry of Functional Motor Disorders. *J Neurol Neurosurg Psychiatry*. 2025 Feb 17;jnnp-2024-334788. doi: 10.1136/jnnp-2024-334788.
13. Tinazzi M, **Geroiin C**, Siciliano M, Gandolfi M, Di Vico I, De Micco R, Tessitore A. Pain and fatigue in Parkinson's disease: advances in diagnosis and management. *Neurol Sci*. 2025 Feb 12. doi: 10.1007/s10072-024-07985-9.
14. Artusi CA, **Geroiin C**, Pandino C, Camozzi S, Aldegheri S, Lopiano L, Tinazzi M, Bombieri N. Dynamic Video Assessment of Axial Postural Abnormalities in Parkinson's Disease: A Pilot Study. *Mov Disord Clin Pract*. 2025 Jan 29.
15. Erro R, Malaguti MC, Morini A, **Geroiin C**, Tinazzi M. The "Writing on the Wall Maneuver" Reveals the Dystonic Nature of Primary Writing Tremor. *Mov Disord Clin Pract*. 2024 Nov 9. doi: 10.1002/mdc3.14248. Epub ahead of print. PMID: 39520313.
16. Sandri A, Bonetto C, Fiorio M, Salaorni F, Bonardi G, **Geroiin C**, Smania N, Tinazzi M, Gandolfi M. Unraveling the mechanisms of high-level gait control in functional gait disorders. *J Neural Transm (Vienna)*. 2025 Jan;132(1):95-104. doi: 10.1007/s00702-024-02829-4.
17. Gandolfi M, **Geroiin C**, Imbalzano G, Camozzi S, Menaspà Z, Tinazzi M, Alberto Artusi C. Treatment of axial postural abnormalities in parkinsonism disorders: A systematic review of pharmacological, rehabilitative and surgical interventions. *Clin Park Relat Disord*. 2024 Mar 12;10:100240. doi: 10.1016/j.prdoa.2024.100240.

18. Squintani G, **Geroiin C**, Pasquali A, Cavazzana E, Segatti A, Lippolis M, Bonetto C, Antelmi E, Tinazzi M. Abnormalities of the Descending Inhibitory Nociceptive Pathway in Functional Motor Disorders. *Mov Disord*. 2024 May;39(5):905-910. doi: 10.1002/mds.29770. Epub 2024 Mar 12. PMID: 38469903.
19. Gandolfi M, Artusi CA, Imbalzano G, Camozzi S, Crestani M, Lopiano L, Tinazzi M, **Geroiin C**. Botulinum Toxin for Axial Postural Abnormalities in Parkinson's Disease: A Systematic Review. *Toxins (Basel)*. 2024 May 15;16(5):228. doi: 10.3390/toxins16050228.
20. **Geroiin C**, Petracca M, Di Tella S, Marcuzzo E, Erro R, Cuoco S, Ceravolo R, Mazzucchi S, Pilotto A, Padovani A, Romito LM, Eleopra R, Zappia M, Nicoletti A, Dallochio C, Arbasino C, Bono F, Laterza V, Demartini B, Gambini O, Modugno N, Olivola E, Bonanni L, Albanese A, Ferrazzano G, Tessitore A, Lopiano L, Calandra-Buonaura G, Morgante F, Esposito M, Pisani A, Manganotti P, Tesolin L, Teatini F, Camozzi S, Ercoli T, Stocchi F, Coletti Moja M, Defazio G, Tinazzi M. Elderly Onset of Functional Motor Disorders: Clinical Correlates from the Italian Registry. *Mov Disord Clin Pract*. 2024 Jan;11(1):38-44. doi:10.1002/mdc3.13916.
21. Gandolfi M, Sandri A, Menaspà Z, Avanzino L, Pelosin E, **Geroiin C**, Vidale D, Fiorio M, Tinazzi M. How Does Postural Control in Patients with Functional Motor Disorders Adapt to Multitasking-Based Immersive Virtual Reality? *Mov Disord Clin Pract*. 2024 Apr;11(4):337-345. doi: 10.1002/mdc3.13961. Epub 2024 Jan 4.
22. Artusi CA, **Geroiin C**, Nonnekes J, Aquino C, Garg D, Dale ML, Schlosser D, Lai Y, Al-Wardat M, Salari M, Wolke R, Labou VT, Imbalzano G, Camozzi S, Merello M, Bloem BR, Capato T, Djaldetti R, Doherty K, Fasano A, Tibar H, Lopiano L, Margraf NG, Moreau C, Ugawa Y, Bhidayasiri R, Tinazzi M; International Parkinson and Movement Disorders Society Task Force on Postural Abnormalities. Predictors and Pathophysiology of Axial Postural Abnormalities in Parkinsonism: A Scoping Review. *Mov Disord Clin Pract*. 2023 Sep 25;10(11):1585-1596. doi:10.1002/mdc3.13879.
23. Ledda C, Panero E, Dimanico U, Parisi M, Gandolfi M, Tinazzi M, **Geroiin C**, Marchet F, Massazza G, Lopiano L, Artusi CA. Longitudinal Assessment of Botulinum Toxin Treatment for Lateral Trunk Flexion and Pisa Syndrome in Parkinson's Disease: Real-life, Long-Term Study. *Toxins (Basel)*. 2023 Sep 11;15(9):566. doi: 10.3390/toxins15090566.
24. **Geroiin C**, Artusi CA, Nonnekes J, Aquino C, Garg D, Dale ML, Schlosser D, Lai Y, Al-Wardat M, Salari M, Wolke R, Labou VT, Imbalzano G, Camozzi S, Merello M, Bloem BR, Capato T, Djaldetti R, Doherty K, Fasano A, Tibar H, Lopiano L, Margraf NG, Moreau C, Ugawa Y, Bhidayasiri R, Tinazzi M; International Parkinson and Movement Disorders Society Task Force on Postural Abnormalities. Axial Postural Abnormalities in Parkinsonism: Gaps in Predictors, Pathophysiology, and Management. *Mov Disord*. 2023 May;38(5):732-739. doi: 10.1002/mds.29377.
25. Artusi CA, **Geroiin C**, Imbalzano G, Camozzi S, Aldegheri S, Lopiano L, Tinazzi M, Bombieri N. Assessment of Axial Postural Abnormalities in Parkinsonism: Automatic Picture Analysis Software. *Mov Disord Clin Pract*. 2023 Feb 20;10(4):636-645. doi: 10.1002/mdc3.13692.
26. Aldegheri S, Artusi CA, Camozzi S, Di Marco R, **Geroiin C**, Imbalzano G, Lopiano L, Tinazzi M, Bombieri N. Camera- and Viewpoint-Agnostic Evaluation of Axial Postural Abnormalities in People with Parkinson's Disease through Augmented Human Pose Estimation. *Sensors (Basel)*. 2023 Mar 16;23(6):3193.

27. Gandolfi M, Fiorio M, **Geroiin C**, Torneri P, Menaspà Z, Smania N, Giladi N, Tinazzi M. Dual tasking affects gait performance but not automaticity in functional gait disorders: A new diagnostic biomarker. *Parkinsonism Relat Disord*. 2023 Mar;108:105291. doi:10.1016/j.parkreldis.2023.105291.
28. Artusi CA, Montanaro E, Erro R, Margraf N, **Geroiin C**, Pilotto A, Magistrelli L, Spagnolo F, Marchet A, Sarro L, Cuoco S, Sacchetti M, Riello M, Capellero B, Berchiolla P, Moeller B, Vullriede B, Zibetti M, Rini AM, Barone P, Comi C, Padovani A, Tinazzi M, Lopiano L. Visuospatial Deficits Are Associated with Pisa Syndrome and not Camptocormia in Parkinson's Disease. *Mov Disord Clin Pract*. 2022 Nov 14;10(1):64-73. doi: 10.1002/mdc3.13605.
29. Al-Wardat M, **Geroiin C**, Schirinzi T, Etoom M, Tinazzi M, Pisani A, Natoli S. Axial postural abnormalities and pain in Parkinson's disease. *J Neural Transm (Vienna)*. 2023 Feb;130(2):77-85. doi: 10.1007/s00702-022-02576-4.
30. Mostile G, **Geroiin C**, Erro R, Luca A, Marcuzzo E, Barone P, Ceravolo R, Mazzucchi S, Pilotto A, Padovani A, Romito LM, Eleopra R, Dallochio C, Arbasino C, Bono F, Bruno PA, Demartini B, Gambini O, Modugno N, Olivola E, Bonanni L, Albanese A, Ferrazzano G, De Micco R, Zibetti M, Calandra-Buonaura G, Petracca M, Morgante F, Esposito M, Pisani A, Manganotti P, Stocchi F, Coletti Moja M, Di Vico IA, Tesolin L, De Bertoldi F, Ercoli T, Defazio G, Zappia M, Nicoletti A, Tinazzi M. Data-driven clustering of combined Functional Motor Disorders based on the Italian registry. *Front Neurol*. 2022 Nov 28;13:987593. doi: 10.3389/fneur.2022.987593.
31. **Geroiin C**, Nonnekes J, Erro R, Camozzi S, Bloem BR, Tinazzi M. Shoulder-Touch test to reveal incongruencies in persons with functional motor disorders. *Eur J Neurol*. 2022 Dec;29(12):3508-3512. doi: 10.1111/ene.15532. Epub 2022 Sep 8.
32. Ercoli T, Tinazzi M, **Geroiin C**, Marcuzzo E, Erro R, Cuoco S, Ceravolo R, Mazzucchi S, Pilotto A, Padovani A, Romito LM, Eleopra R, Zappia M, Nicoletti A, Dallochio C, Arbasino C, Bono F, Spano G, Demartini B, Gambini O, Modugno N, Olivola E, Bonanni L, Albanese A, Ferrazzano G, Tessitore A, Lopiano L, Calandra-Buonaura G, Petracca M, Morgante F, Esposito M, Pisani A, Manganotti P, Tesolin L, Teatini F, Stocchi F, Defazio G. Do demographic and clinical features and comorbidities affect the risk of spread to an additional body site in functional motor disorders? *J Neural Transm (Vienna)*. 2022 Oct;129(10):1271-1276. doi: 10.1007/s00702-022-02537-x. Epub 2022 Aug 16.
33. Tinazzi M, **Geroiin C**, Bhidayasiri R, Bloem BR, Capato T, Djaldetti R, Doherty K, Fasano A, Tibar H, Lopiano L, Margraf NG, Merello M, Moreau C, Ugawa Y, Artusi CA; International Parkinson and Movement Disorders Society Task Force on Postural Abnormalities. Task Force Consensus on Nosology and Cut-Off Values for Axial Postural Abnormalities in Parkinsonism. *Mov Disord Clin Pract*. 2022 May 9;9(5):594-603. doi: 10.1002/mdc3.13460.
34. Gandolfi M, Sandri A, **Geroiin C**, Bombieri F, Riello M, Menaspà Z, Bonetto C, Smania N, Tinazzi M. Improvement in motor symptoms, physical fatigue, and self-rated change perception in functional motor disorders: a prospective cohort study of a 12-week telemedicine program. *J Neurol*. 2022 Nov;269(11):5940-5953. doi: 10.1007/s00415-022-11230-8.
35. **Geroiin C**, Nonnekes J, Camozzi S, Bloem BR, Tinazzi M. Reader Response: Shoulder-Tap Test for Functional Gait Disorders: A Sign of Abnormal Anticipatory Behavior. *Neurology*. 2022 Jul 5;99(1):38-39. doi: 10.1212/WNL.0000000000200866.

36. **Geroïn C**, Stone J, Camozzi S, Demartini B, Gandolfi M, Tinazzi M. Correction to: Triggers in functional motor disorder: a clinical feature distinct from precipitating factors. *J Neurol*. 2022 Jul;269(7):3899. doi: 10.1007/s00415-022-11160-5. Erratum for: *J Neurol*. 2022 Jul;269(7):3892-3898. doi: 10.1007/s00415-022-11102-1.
37. **Geroïn C**, Stone J, Camozzi S, Demartini B, Gandolfi M, Tinazzi M. Triggers in functional motor disorder: a clinical feature distinct from precipitating factors. *J Neurol*. 2022 Jul;269(7):3892-3898. doi: 10.1007/s00415-022-11102-1.
38. Lidstone SC, Costa-Parke M, Robinson EJ, Ercoli T, Stone J; FMD GAP Study Group. Functional movement disorder gender, age and phenotype study: a systematic review and individual patient meta-analysis of 4905 cases. *J Neurol Neurosurg Psychiatry*. 2022 Jun;93(6):609-616. doi: 10.1136/jnnp-2021-328462.
39. Ercoli T, Defazio G, **Geroïn C**, Marcuzzo E, Fabbrini G, Bono F, Mechelli A, Ceravolo R, Romito LM, Albanese A, Pisani A, Zibetti M, Altavista MC, Maderna L, Petracca M, Girlanda P, Mascia MM, Berardelli A, Tinazzi M; Italian Registry of Functional Motor Disorders Study Group; Italian Registry of Adult Dystonia Study Group. Sudden Onset, Fixed Dystonia and Acute Peripheral Trauma as Diagnostic Clues for Functional Dystonia. *Mov Disord Clin Pract*. 2021 Sep 10;8(7):1107-1111. doi: 10.1002/mdc3.13322.
40. Tinazzi M, Pilotto A, Morgante F, Marcuzzo E, Cuoco S, Ceravolo R, Mazzucchi S, Padovani A, Romito LM, Eleopra R, Nicoletti A, Dallochio C, Arbasino C, Bono F, Magro G, Demartini B, Gambini O, Modugno N, Olivola E, Bonanni L, Zanolin E, Albanese A, Ferrazzano G, Tessitore A, Lopiano L, Calandra-Buonaura G, Petracca M, Esposito M, Pisani A, Manganotti P, Tesolin L, Teatini F, Defazio G, Ercoli T, Stocchi F, Erro R, Zappia M, **Geroïn C**. Functional gait disorders: Demographic and clinical correlations. *Parkinsonism Relat Disord*. 2021 Oct;91:32-36. doi: 10.1016/j.parkreldis.2021.08.012.
41. Gandolfi M, Fiorio M, **Geroïn C**, Prior M, De Marchi S, Amboni M, Smania N, Tinazzi M. Motor dual task with eyes closed improves postural control in patients with functional motor disorders: A posturographic study. *Gait Posture*. 2021 Jul;88:286-291. doi: 10.1016/j.gaitpost.2021.06.011.
42. Tinazzi M, **Geroïn C**, Marcuzzo E, Cuoco S, Ceravolo R, Mazzucchi S, Pilotto A, Padovani A, Romito LM, Eleopra R, Zappia M, Nicoletti A, Dallochio C, Arbasino C, Bono F, Magro G, Demartini B, Gambini O, Modugno N, Olivola E, Bonanni L, Zanolin E, Albanese A, Ferrazzano G, De Micco R, Lopiano L, Calandra-Buonaura G, Petracca M, Esposito M, Pisani A, Manganotti P, Tesolin L, Teatini F, Ercoli T, Morgante F, Erro R. Functional motor phenotypes: to lump or to split? *J Neurol*. 2021 Dec;268(12):4737-4743. doi: 10.1007/s00415-021-10583-w. Epub 2021 May 7.
43. Gandolfi M, Riello M, Bellamoli V, Bombieri F, **Geroïn C**, Di Vico IA, Tinazzi M. Motor and non-motor outcomes after a rehabilitation program for patients with Functional Motor Disorders: A prospective, observational cohort study. *NeuroRehabilitation*. 2021;48(3):305-314. doi: 10.3233/NRE-201617.
44. Tinazzi M, **Geroïn C**, Erro R, Marcuzzo E, Cuoco S, Ceravolo R, Mazzucchi S, Pilotto A, Padovani A, Romito LM, Eleopra R, Zappia M, Nicoletti A, Dallochio C, Arbasino C, Bono F, Pascarella A,

- Demartini B, Gambini O, Modugno N, Olivola E, Bonanni L, Antelmi E, Zanolin E, Albanese A, Ferrazzano G, de Micco R, Lopiano L, Calandra-Buonaura G, Petracca M, Esposito M, Pisani A, Manganotti P, Stocchi F, Coletti Moja M, Antonini A, Ercoli T, Morgante F. Functional motor disorders associated with other neurological diseases: Beyond the boundaries of "organic" neurology. *Eur J Neurol*. 2021 May;28(5):1752-1758. doi: 10.1111/ene.14674.
45. Tinazzi M, Morgante F, Marcuzzo E, Erro R, Barone P, Ceravolo R, Mazzucchi S, Pilotto A, Padovani A, Romito LM, Eleopra R, Zappia M, Nicoletti A, Dallochio C, Arbasino C, Bono F, Pascarella A, Demartini B, Gambini O, Modugno N, Olivola E, Di Stefano V, Albanese A, Ferrazzano G, Tessitore A, Zibetti M, Calandra-Buonaura G, Petracca M, Esposito M, Pisani A, Manganotti P, Stocchi F, Coletti Moja M, Antonini A, Defazio G, **Geroiin C**. Clinical Correlates of Functional Motor Disorders: An Italian Multicenter Study. *Mov Disord Clin Pract*. 2020 Sep 22;7(8):920-929. doi: 10.1002/mdc3.13077.
 46. **Geroiin C**, Di Vico IA, Squintani G, Segatti A, Bovi T, Tinazzi M. Effects of safinamide on pain in Parkinson's disease with motor fluctuations: an exploratory study. *J Neural Transm (Vienna)*. 2020 Aug;127(8):1143-1152. doi: 10.1007/s00702-020-02218-7.
 47. **Geroiin C**, Artusi CA, Gandolfi M, Zanolin E, Ceravolo R, Capecchi M, Andrenelli E, Ceravolo MG, Bonanni L, Onofrj M, Telese R, Bellavita G, Catalan M, Manganotti P, Mazzucchi S, Giannoni S, Vacca L, Stocchi F, Casali M, Falup-Pecurariu C, Zibetti M, Fasano A, Lopiano L, Tinazzi M. Does the Degree of Trunk Bending Predict Patient Disability, Motor Impairment, Falls, and Back Pain in a. *Parkinson's Disease? Front Neurol*. 2020 Mar 31;11:207. doi: 10.3389/fneur.2020.00207.
 48. Magrinelli F, **Geroiin C**, Squintani G, Gandolfi M, Rizzo G, Barillari M, Vattei G, Morgante F, Tinazzi M. Upper camptocormia in Parkinson's disease: Neurophysiological and imaging findings of both central and peripheral pathophysiological mechanisms. *Parkinsonism Relat Disord*. 2020 Feb;71:28-34. doi: 10.1016/j.parkreldis.2020.01.004.
 49. Gandolfi M, Valè N, Dimitrova E, Zanolin ME, Mattiuz N, Battistuzzi E, Beccari M, **Geroiin C**, Picelli A, Waldner A, Smania N. Robot-Assisted Stair Climbing Training on Postural Control and Sensory Integration Processes in Chronic Post-stroke Patients: A Randomized Controlled Clinical Trial. *Front Neurosci*. 2019 Oct 24;13:1143. doi: 10.3389/fnins.2019.01143.
 50. Tinazzi M, Gandolfi M, Artusi CA, Lanzafame R, Zanolin E, Ceravolo R, Capecchi M, Andrenelli E, Ceravolo MG, Bonanni L, Onofrj M, Telese R, Bertolotti C, Polverino P, Manganotti P, Mazzucchi S, Giannoni S, Vacca L, Stocchi F, Casali M, Zibetti M, Lopiano L, Fasano A, **Geroiin C**. Validity of the wall goniometer as a screening tool to detect postural abnormalities in Parkinson's disease. *Parkinsonism Relat Disord*. 2019 Dec;69:159-165. doi: 10.1016/j.parkreldis.2019.10.024.
 51. Tinazzi M, Gandolfi M, Ceravolo R, Capecchi M, Andrenelli E, Ceravolo MG, Bonanni L, Onofrj M, Vitale M, Catalan M, Polverino P, Bertolotti C, Mazzucchi S, Giannoni S, Smania N, Tamburin S, Vacca L, Stocchi F, Radicati FG, Artusi CA, Zibetti M, Lopiano L, Fasano A, **Geroiin C**. Postural Abnormalities in Parkinson's Disease: An Epidemiological and Clinical Multicenter Study. *Mov Disord Clin Pract*. 2019 Jun 29;6(7):576-585. doi: 10.1002/mdc3.12810.
 52. **Geroiin C**, Gandolfi M, Maddalena I, Smania N, Tinazzi M. Do Upper and Lower Camptocormias Affect Gait and Postural Control in Patients with Parkinson's Disease? An Observational Cross-Sectional Study. *Parkinsons Dis*. 2019 Jul 24;2019:9026890. doi: 10.1155/2019/9026890.

53. Gandolfi M, Tinazzi M, Magrinelli F, Busselli G, Dimitrova E, Polo N, Manganotti P, Fasano A, Smania N, **Geroiin C**. Four-week trunk-specific exercise program decreases forward trunk flexion in Parkinson's disease: A single-blinded, randomized controlled trial. *Parkinsonism Relat Disord*. 2019 Jul;64:268-274. doi: 10.1016/j.parkreldis.2019.05.006.
54. **Geroiin C**, Tamburin S, Pagano G, Gandolfi M, Tinazzi M. Effects of a nutraceutical combination in patients with chronic lumbosacral radicular pain. *Funct Neurol*. 2018 Jul/Sept;33(3):125-130.
55. **Geroiin C**, Nonnekes J, de Vries NM, Strouwen C, Smania N, Tinazzi M, Nieuwboer A, Bloem BR. Does dual-task training improve spatiotemporal gait parameters in Parkinson's disease? *Parkinsonism Relat Disord*. 2018 Oct;55:86-91. doi: 10.1016/j.parkreldis.2018.05.018.
56. Gandolfi M, Formaggio E, **Geroiin C**, Storti SF, Boscolo Galazzo I, Bortolami M, Saltuari L, Picelli A, Waldner A, Manganotti P, Smania N. Quantification of Upper Limb Motor Recovery and EEG Power Changes after Robot-Assisted Bilateral Arm Training in Chronic Stroke Patients: A Prospective Pilot Study. *Neural Plast*. 2018 Mar 26;2018:8105480. doi: 10.1155/2018/8105480.
57. Erro R, Bacchin R, Magrinelli F, Tomei P, **Geroiin C**, Squintani G, Lupo A, Zaza G, Tinazzi M. Tremor induced by Calcineurin inhibitor immunosuppression: a single-centre observational study in kidney transplanted patients. *J Neurol*. 2018 Jul;265(7):1676-1683. doi: 10.1007/s00415-018-8904-x.
58. Fasano A, **Geroiin C**, Berardelli A, Bloem BR, Espay AJ, Hallett M, Lang AE, Tinazzi M. Diagnostic criteria for camptocormia in Parkinson's disease: A consensus-based proposal. *Parkinsonism Relat Disord*. 2018 Aug;53:53-57. doi: 10.1016/j.parkreldis.2018.04.033.
59. Gandolfi M, **Geroiin C**, Dimitrova E, Boldrini P, Waldner A, Bonadiman S, Picelli A, Regazzo S, Stirbu E, Primon D, Bosello C, Gravina AR, Peron L, Trevisan M, Garcia AC, Menel A, Bloccari L, Valè N, Saltuari L, Tinazzi M, Smania N. Virtual Reality Telerehabilitation for Postural Instability in Parkinson's Disease: A Multicenter, Single-Blind, Randomized, Controlled Trial. *Biomed Res Int*. 2017;2017:7962826. doi: 10.1155/2017/7962826.
60. **Geroiin C**, Squintani G, Morini A, Donato F, Smania N, Gandolfi MG, Tamburin S, Fasano A, Tinazzi M. Pisa syndrome in Parkinson's disease: electromyographic quantification of paraspinal and non-paraspinal muscle activity. *Funct Neurol*. 2017 Jul/Sep;32(3):143-151. doi: 10.11138/fneur/2017.32.3.143.
61. Gandolfi M, **Geroiin C**, Antonini A, Smania N, Tinazzi M. Understanding and Treating Pain Syndromes in Parkinson's Disease. *Int Rev Neurobiol*. 2017;134:827-858. doi: 10.1016/bs.irn.2017.05.013.
62. Gandolfi M, **Geroiin C**, Valè N, Marchioretto F, Turrina A, Dimitrova E, Tamburin S, Serina A, Castellazzi P, Meschieri A, Ricard F, Saltuari L, Picelli A, Smania N. Does myofascial and trigger point treatment reduce pain and analgesic intake in patients undergoing onabotulinumtoxinA injection due to chronic intractable migraine? *Eur J Phys Rehabil Med*. 2018 Feb;54(1):1-12. doi: 10.23736/S1973-9087.17.04568-3.

63. Gandolfi M, **Geroiin C**, Tomelleri C, Maddalena I, Kirilova Dimitrova E, Picelli A, Smania N, Waldner A. Feasibility and safety of early lower limb robot-assisted training in sub-acute stroke patients: a pilot study. *Eur J Phys Rehabil Med*. 2017 Dec;53(6):870-882. doi: 10.23736/S1973-9087.17.04468-9.
64. Tinazzi M, **Geroiin C**, Gandolfi M, Smania N, Tamburin S, Morgante F, Fasano A. Pisa syndrome in Parkinson's disease: An integrated approach from pathophysiology to management. *Mov Disord*. 2016 Dec;31(12):1785-1795. doi: 10.1002/mds.26829.
65. Gandolfi M, **Geroiin C**, Ferrari F, LA Marchina E, Varalta V, Fonte C, iPICELLI A, Dimitrova E, Munari D, Valè N, Waldner A, Smania N. Rehabilitation procedures in the management of postural orientation deficits in patients with poststroke pusher behavior: a pilot study. *Minerva Med*. 2016 Dec;107(6):353-362.
66. **Geroiin C**, Gandolfi M, Bruno V, Smania N, Tinazzi M. Integrated Approach for Pain Management in Parkinson Disease. *Curr Neurol Neurosci Rep*. 2016 Apr;16(4):28. doi: 10.1007/s11910-016-0628-7.
67. Gandolfi M, Dimitrova E, Nicolli F, Modenese A, Serina A, Waldner A, Tinazzi M, Squintani G, Smania N, **Geroiin C**. Rehabilitation procedures in the management of gait disorders in the elderly. *Minerva Med*. 2015 Oct;106(5):287-307.
68. Tinazzi M, Fasano A, **Geroiin C**, Morgante F, Ceravolo R, Rossi S, Thomas A, Fabbrini G, Bentivoglio A, Tamma F, Cossu G, Modugno N, Zappia M, Volontè MA, Dallochio C, Abbruzzese G, Pacchetti C, Marconi R, Defazio G, Canesi M, Cannas A, Pisani A, Mirandola R, Barone P, Vitale C; Italian Pisa Syndrome Study Group. Pisa syndrome in Parkinson disease: An observational multicenter Italian study. *Neurology*. 2015 Nov 17;85(20):1769-79. doi: 10.1212/WNL.0000000000002122.
69. **Geroiin C**, Smania N, Schena F, Dimitrova E, Verzini E, Bombieri F, Nardello F, Tinazzi M, Gandolfi M. Does the Pisa syndrome affect postural control, balance, and gait in patients with Parkinson's disease? An observational cross-sectional study. *Parkinsonism Relat Disord*. 2015 Jul;21(7):736-41. doi: 10.1016/j.parkreldis.2015.04.020.
70. Gandolfi M, Munari D, **Geroiin C**, Gajofatto A, Benedetti MD, Midiri A, Carla F, Picelli A, Waldner A, Smania N. Sensory integration balance training in patients with multiple sclerosis: A randomized, controlled trial. *Mult Scler*. 2015 Oct;21(11):1453-62. doi: 10.1177/1352458514562438.
71. Gandolfi M, Formaggio E, **Geroiin C**, Storti SF, Boscolo Galazzo I, Waldner A, Manganotti P, Smania N. Electroencephalographic Changes of Brain Oscillatory Activity After Upper Limb Somatic Sensation Training in a Patient With Somatosensory Deficit After Stroke. *Clin EEG Neurosci*. 2015 Oct;46(4):347-52. doi: 10.1177/1550059414536895.
72. Gandolfi M, **Geroiin C**, Picelli A, Munari D, Waldner A, Tamburin S, Marchioretto F, Smania N. Robot-assisted vs. sensory integration training in treating gait and balance dysfunctions in patients with multiple sclerosis: a randomized controlled trial. *Front Hum Neurosci*. 2014 May 22;8:318. doi: 10.3389/fnhum.2014.00318.

73. Formaggio E, Storti SF, Boscolo Galazzo I, Gandolfi M, **Geroïn C**, Smania N, Fiaschi A, Manganotti P. Time-frequency modulation of ERD and EEG coherence in robot-assisted hand performance. *Brain Topogr.* 2015 Mar;28(2):352-63. doi: 10.1007/s10548-014-0372-8.
74. **Geroïn C**, Mazzoleni S, Smania N, Gandolfi M, Bonaiuti D, Gasperini G, Sale P, Munari D, Waldner A, Spidalieri R, Bovolenta F, Picelli A, Posteraro F, Molteni F, Franceschini M; Italian Robotic Neurorehabilitation Research Group. Systematic review of outcome measures of walking training using electromechanical and robotic devices in patients with stroke. *J Rehabil Med.* 2013 Nov;45(10):987-96. doi: 10.2340/16501977-1234.
75. Formaggio E, Storti SF, Boscolo Galazzo I, Gandolfi M, **Geroïn C**, Smania N, Spezia L, Waldner A, Fiaschi A, Manganotti P. Modulation of event-related desynchronization in robot-assisted hand performance: brain oscillatory changes in active, passive and imagined movements. *J Neuroeng Rehabil.* 2013 Feb 26;10:24. doi: 10.1186/1743-0003-10-24.
76. Smania N, Gandolfi M, Marconi V, Calanca A, **Geroïn C**, Piazza S, Bonetti P, Fiorini P, Cosentino A, Capelli C, Conte D, Bendinelli M, Munari D, Ianes P, Fiaschi A, Picelli A. Applicability of a new robotic walking aid in a patient with cerebral palsy. Case report. *Eur J Phys Rehabil Med.* 2012 Mar;48(1):147-53.
77. **Geroïn C**, Picelli A, Munari D, Waldner A, Tomelleri C, Smania N. Combined transcranial direct current stimulation and robot-assisted gait training in patients with chronic stroke: a preliminary comparison. *Clin Rehabil.* 2011 Jun;25(6):537-48. doi: 10.1177/0269215510389497.
78. Smania N, Bonetti P, Gandolfi M, Cosentino A, Waldner A, Hesse S, Werner C, Bisoffi G, **Geroïn C**, Munari D. Improved gait after repetitive locomotor training in children with cerebral palsy. *Am J Phys Med Rehabil.* 2011 Feb;90(2):137-49. doi: 10.1097/PHM.0b013e318201741e.
79. Smania N, Picelli A, Munari D, **Geroïn C**, Ianes P, Waldner A, Gandolfi M. Rehabilitation procedures in the management of spasticity. *Eur J Phys Rehabil Med.* 2010 Sep;46(3):423-38.

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