

## PERSONAL INFORMATIONS

## Chiara Maria Tacchino

 Genoa, Italy chiara.tacchino@gaslini.org

Sex Female | Date of birth 21/08/1980 | Nationality Italian

## POSITION

Physiatrist  
UOC Physical Medicine and Rehabilitation Unit

## WORK EXPERIENCE

01-08-2024 to date Temporary assignment of responsibility for Physical Medicine and Rehabilitation Unit IRCCS Giannina Gaslini Institute

1.04.2019 – 28.2.2014 Deputy head of Unit in case of absence or impediment of the responsible officer. Physical Medicine and Rehabilitation Unit, IRCCS Giannina Gaslini istitute(GE)

1.12.2012 –to date Permanent contract Physical Medicine and Rehabilitation Unit, IRCCS Giannina Gaslini Istitute(GE)

*Main tasks:* Pediatric neurorehabilitation and severe developmental disabilities early care programme for preterm and high-risk term newborns. Functional assessment and personalized rehabilitation plans.movement analysis technologies; spasticity treatment; augmentative and alternative communication projects; research projects; multidisciplinary collaboration.

1.10.2012 -1.12.2012 Fixed-term contract Physical Medicine and Rehabilitation Unit IRCCS Giannina Gaslini Istitute(GE)

From 2017 Reference Physiatrist of Centre for Information and Advice on Prescription of Aids and Home Adaptation (Regional Resolution 30.05.2015 n.642). IRCCS Giannina Gaslini Istitute(GE) Activities: Multidisciplinary evaluation, design, prescription, customization, testing, and approval of aids (wheelchairs, walkers, communicators), orthoses, and assistive technologies for children. Consultancy on accessibility and home adaptation.

From 2014 Reference Physiatrist of the REGIONAL CENTRE FOR NEUROREHABILITATION and Severe Developmental Disability Physical Medicine and Rehabilitation Unit, IRCCS Giannina Gaslini Istitute(GE)

Activities: evaluation and rehabilitative intervention within a multi-professional team, with an interdisciplinary framework addressing multimorbidities and targeted, personalized intensive rehabilitation interventions, providing a comprehensive rehabilitative management centered on the child and family in developmental disability.

The referring physician leads the team's activities and the formulation of the Individual Rehabilitation Plan, incorporating traditional programs as well as innovative and technological treatment techniques (robotic rehabilitation, multisensory environment rehabilitation, innovative treatments for the upper limb). Specifically, interventions are aimed at pediatric patients with multiple and complex disabilities of various etiologies.

From 2013 **Physiatrist responsible for early care programme for preterm and high-risk term newborns.** Functional assessment and personalized rehabilitation plans. Physical Medicine and Rehabilitation Unit, IRCCS Giannina Gaslini Institute(GE)

October 2011-September 2012 **Freelance collaboration agreement with IRCCS Giannina Gaslini Institute** Physical Medicine and Rehabilitation Unit, *Main tasks:* Outpatient and internal consultations

October 2010- September 2012 **Freelance collaboration** G.I.S.A.L. Onlus *Position:* Medical Director and Physiatrist.

April 2010-April 2012 **Freelance collaboration** Private Rehabilitation Centers

March 2010-September 2012 **Freelance collaboration Physiatrist** Italian Multiple Sclerosis Association (Genoa) *Main tasks:* Home visits and research projects.

February 2010- September 2012 **Freelance collaboration Physiatrist** Istituto Nostra Famiglia, Varazze *Main tasks:* Pediatric outpatient consultations and assistive device prescriptions.

November 2009- September 2010 **Volunteer Physiatrist** . Physical Medicine and Rehabilitation Unit, IRCCS Giannina Gaslini Institute(GE)

September 2006- October 2010 **On-Call General Practitioner** **Duties:** On-call availability and active duty as a General Practitioner for the Savona healthcare hub.

## EDUCATION AND TRAINING

2006-2009 **School of specialization in Physical Medicine and Rehabilitation** University of Genoa . Specialized with 50/50 cum laude

1999-2005 **School of Medicine, University of Genoa** Graduate with 110/110 cum laude."

1994-1999 **Scientific High School Diploma, Liceo M. Champagnat, Genoa, 96/100.**

Professional License, score 270/270. Registered with the Medical Association of Genoa since 2006 (n. 14868).

**2008** Regional Training Course for Physicians Assigned to Territorial Emergency Services. Completed specialized regional training for physicians designated to work in pre-hospital emergency medical services (EMS 118)

## Personal Skills

Mother tongue(s) Italian

## Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B1/B2	B1/B2	B1

Computer skills Use of the main writing, data processing, statistical analysis, presentation software (Word, Excel, Powepoint, ...)

Other skills practice of many sports (tennis, swimming, cycling ...)

Driving licence B

## Other informations

### Publications

1. M. Moro, L. Gismondi, C. Tacchino, S. Uccella, L. Ramenghi, P. Moretti, F. Odone M. Casadio In Submission maggio 2024 No. TBME-01122-2024 Transactions on Biomedical Engineering (TBME) Video-based Computational Analysis of Spontaneous Movements in Preterm Infants: a Longitudinal Neuromotor Assessment
2. M. Pavanello, A.B Ronchetti, A.Aiello, L. Doglio, C. Tacchino "Letter to the editor regarding "Transcutaneous ultrasound level check for selective dorsal rhizotomy"" Child's Nervous System.2024
3. W. Yuan , C. Stevenson, P: Moretti, F. T. Mangano, M.Pavanello, A. Cama,D. Tortora,C.Tacchino, A. F. Bailes, K. R. Greve, J.N. Vargus-Adams, J. A. Dudley, K. Harpster, B. G. Kurowski, A. Mitelpunkt, B. Aronow White matter characteristics in children with cerebral palsy prior to selective dorsal rhizotomy: a multicenter diffusion tensor imaging study" epub date: Journal of Neurosurgery: Pediatrics, June 07, 2024 DOI: 10.3171/2024.4.PEDS23589
4. B. Del Lucchese†1, S. Parravicini†2,3, S. Filogna1\*, G. Mangani1, E. Beani1,4, M.C. Di Lieto1 1 , A. Bardoni5, M. Bertamino6, M. Papini5, C. Tacchino6, F. Fedeli7, G. Cioni1, G. Sgandurra1,4 2 The wide world of technological telerehabilitation for pediatric neurologic and neurodevelopmental disorders - A systematic scoping review Frontiers | <https://doi.org/10.3389/fpubh.2024.1295273> 2024
5. Anna Bruna Ronchetti, Marina Usai, Valentina Savino, Marco Scaglione, Chiara Maria Tacchino, Marta Bertamino, Paolo Moretti & Maja Di Rocco Multicentric Carpo-Tarsal Osteolysis Syndrome (MCTO) and "Function Profile": a rehabilitative approach Orphanet

Journal of Rare Diseases volume 18, Article number: 392 (2023)

6. Sara Uccella , Alessandro Parodi , Maria Grazia Calevo , Lino Nobili , Domenico Tortora , Mariasavina Severino , Chiara Andreato ; Eu-Brain Neonatal Group; Andrea Rossi 5, Luca Antonio Ramenghi Influence of isolated low-grade intracranial haemorrhages on the neurodevelopmental outcome of infants born very low birthweight Dev Med Child Neurol . 2023 Mar 30. doi: 10.1111/dmcn.15559.
7. Marta Bertamino , Sara Signa , Marco Veneruso , Giulia Prato 5 Roberta Caorsi , Giuseppe Losurdo , Federica Teutonico , Silvia Esposito, Francesca Formica , Nicola Tovaglieri , Maria A Nagel , Giulia Amico , Alice Zanetti , Domenico Tortora , Andrea Rossi , Paolo Moretti , Marco Gattorno , Angelo Ravelli , Mariasavina Severino 15; in behalf of Gaslini Stroke Study Group
8. Expanding the clinical and neuroimaging features of post-varicella arteriopathy of childhood J Neurol 2021 Dec;268(12):4846-4865. doi: 10.1007/s00415-021-10606-6. Epub 2021 May 27
9. Tacchino, C.M., Calevo, M.G., Pavanello, M. et al. Improved trunk and neck control after selective dorsal rhizotomy in children with spastic cerebral palsy. Childs Nerv Syst 37, 351–352 (2021)
10. Tacchino C, Impagliazzo M, Maggi E, Bertamino M, Bianchi I, Campone F, Durand P, Fato M, Giannoni P, Iandolo R, Izzo M, Morasso P, Moretti P, Ramenghi L, Shima K, Shimatani K, Tsuji T, Uccella S, Zanardi N, Casadio M. Spontaneous movements in the newborns: a tool of quantitative video analysis of preterm babies. Comput Methods Programs Biomed. 2021 Feb;199:105838. doi: 10.1016/j.cmpb.2020.105838. Epub 2020 Nov 21. PMID: 33421664.
11. Tu A. Reply to Letter to the Editor: "Improved trunk and neck control after selective dorsal rhizotomy in children with spastic cerebral palsy" by Tacchino et al. (2020). Childs Nerv Syst. 2021 Feb;37(2):353. doi: 10.1007/s00381-020-04967-y. Epub 2020
12. Inuggi A, Bassolino M, Tacchino C, Pippo V, Bergamaschi V, Campus C, De Franchis V, Pozzo T, Moretti P. Ipsilesional functional recruitment within lower mu band in children with unilateral cerebral palsy, an event-related desynchronization study. Exp Brain Res. 2018 Feb;236(2):517-527. doi: 10.1007/s00221-017-5149-3. Epub 2017 Dec 11. PMID: 29230520.
13. Doglio L, Merlo A, Lanzillotta V, Pernigotti I, Tacchino CM Corticosteroids treatment in DMD patients: Effects evaluation with gait analysis and functional scales. Gait & Posture 30 Oct 2009

## Conferences Seminars

Invited Speaker at numerous courses and conferences in the field of Pediatric Physical and Rehabilitation Medicine.

## Projects Honours and awards

- **Winner of the "Gaslini Quality Award 2016–2017"** for the project: *"Augmentative and Alternative Communication (AAC) in hospital: development of hospital standards to support and promote the communication skills of children/adolescents with communication vulnerabilities and their families."*
- **2021–2025** – Member of the Regional , *Italian Society of Physical and Rehabilitation Medicine (SIMFER)*.
- **2022** – Contributor to the development of clinical care pathways: *"Rehabilitation of Children with Cerebral Palsy-Related Disability."*
- **2022–2024** – Member of the *Gaslini Stroke Study Group*.
- **2023–2024** – Collaborator with the *EU-Brain Neonatal Group*.

According to the law 679/2016 of the Regulation of the European Parliament of 27<sup>th</sup> April 2016, I hereby express my consent to process and use my data provided in this CV

Genoa, 26.08.2025

Chiara Tacchino