



Marco Testa

Associate Professor

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Education and training

2016

PhD in Rehabilitation Science and Physiotherapy

Development validation and first implementations of a biofeedback system for the assessment of the bite force control

Vrije Universiteit Brussel - Brussel - BE

2006

Degree in Physiotherapy

110/110

University of Insubria - Varese - IT

2001

Degree in Sport Science

University of Genova - Genova - IT

1996

Osteopathy Diploma

College Osteopatique ATMAN - Nice - FR

1988

Terapista della Riabilitazione

80/80

Ospedali Riuniti in Santa Corona - Pietra Ligure - IT

1985

Physical Education Teacher University Diploma

110/110 cum laude

High School of Physical Education (ISEF) - Florence - IT

Academic experience

2011 - December 29th 2022

Aggregate Professor SSD MED 48

December 30th - Ongoing

Associate Professor SSD MED 48

DINOEMI - University of Genoa - Campus of Savona - IT

President of the Master in Musculoskeletal Disorders Rehabilitation

Work experience

1988 - 2011

Fisioterapista Libero Professionista

Studio Associato di Fisioterapia Testa Buccarella - Alassio - IT
Titolare

Language skills

English

Independent

French

Independent

Teaching activity

Since 2012 is **in charge of teaching: “Physical Medicine and Rehabilitation”** in the **School of Specialisation in Rheumatology** of the Medical School of the **University of Genova**

Since 2012 is **in charge of teaching: “Manual Therapy”** in the Course of diploma in **Physiotherapy – branch of Imperia** of the Medical School of the **University of Genova**

Since 2012 is **in charge of teaching: “Manual Therapy”** in the Course of diploma in **Physiotherapy – branch of Pietra Ligure** of the Medical School of the **University of Genova**

Since January 2011 is **scientific collaborator on voluntary basis** at the Experimental Anatomy Department of the **Vrije Universiteit Brussel**

Since 2004 has been **coordinating** the organisation and the didactic activities of the **Master in Musculoskeletal Rehabilitation” of the University of Genova**. The master started in collaboration with the **Vrije Universiteit Brussel**.

Since 2004 is **in charge of teaching: “Teoria, metodologia e pratica clinica della terapia manuale”** within the Master in Musculoskeletal Rehabilitation” of the **University of Genova**.

Since 2000 is in **charge as lecturer** within the **“Capita Selecta”** of the master in Manual Therapy of the **Vrije Universiteit Brussel**, where hold a course on “Evaluation and Treatment of the temporomandibular disorders.

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

Assignment as Tutor of dr. Giacomo Rossettini - Doctorate in Neuroscience
XXX cycle

Project title: CONTEXTUAL FACTORS, PLACEBO AND NOCEBO EFFECTS IN PHYSICAL THERAPY. CLINICAL RELEVANCE AND IMPACT ON RESEARCH

Assignment as Tutor of Dr. Anna Di Marco - PhD Program in Neuroscience
XXX cycle

Project title: From Movement to Sound, from Sound to Movement - Designing and validation a feedback system based on sound for the rehabilitation of the Sit-To-Stand movement

Assignment as Tutor of dr. Luca Francini - PhD Program in Neuroscience XXVIII cycle

Project title: Study of prevalence and mechanical pathogenic factors of cervical pain in judokas

Assignment as Tutor of dr. Antonello Viceconti - PhD Program in Neurosciences XXXI cycle

Project title: Body and space perception in rheumatic diseases and musculoskeletal disorders

Assignment as Tutor of dr. Filippo Maselli - PhD Program in Neurosciences XXXI cycle

Project title: Study on prevalence, incidence and potential risk factors for back pain in amateur runners

Assignment as Tutor of dr. Mirko Job - PhD Program in Neuroscience XXXII cycle

Project title: Development of a real-time acoustic feedback system for monitoring motor performance in Sit-to-stand movement

Assignment as Tutor of Dr. Eleonora Camerone - PhD Program in Neuroscience XXXII cycle

Project title: Is it possible to modulate the onset of placebo analgesia?

Assignment as Co-Tutor (in collaboration with Prof. Laura Mori) of dr. Alberto Dottor - PhD Program in Neuroscience XXXII cycle

Project Title: IDENTIFICATION OF VALUES STANDARD OF MAXIMUM STRENGTH, PRECISION, RESISTANCE AND BIMANUAL COORDINATION OF PINCH NELLA ITALIAN POPULATION

Assignment as Co-Tutor (in collaboration with Prof. Matteo Zoppi) of dr. Mugisha

Stanley - PhD Program in Mechanical Energetic and Management Engineering XXXIV cycle innovative doctorate scholarship - Axis 3 Education and training - Operational Program Regione Liguria European Social Fund 2014-2020

Project title: Project on Development, engineering, prototyping of a low-cost robotic system for postural rehabilitation with intuitive interface using VR-AR consumer technology and IoTwearable sensing of the patient

Assignment as Tutor of dr. Ronny Stanzani - PhD Program in Neuroscience XXXIV cycle - Innovative doctorate scholarship - Axis 3 Education and training - Operational Program Region Liguria European Social Fund 2014-2020

Project title: Development, engineering and testing of a rehabilitation device for tracking and monitoring of upper limb movements of patients with neuromusculoskeletal disorders

PhD committees membership

Member of the board of professors of the Ph.D. Program in Neurosciences

of the University of Genoa XXXIII Cycle - Academic Year 2017/2018
Member of the board of professors of the Ph.D. Program in Neurosciences of
the University of Genoa XXXII Cycle - Academic Year 2016/2017

Research interests

Marco Testa has established his research group over the last few years, currently consisting of 5 PhD students and 3 post-doc fellow. His laboratory is equipped with inertial systems for motion evaluation, force measuring devices to assess delivery of the force during biting and pinching and a 64-channel electromyography.

Two main lines of research are followed:

- Contextual factors, placebo and nocebo effects in rehabilitative clinical practice
- Implementation of sensor technology in rehabilitation with particular attention to the evaluation of the motor control

The group has developed various collaborations with national and international research groups (in parentheses the responsible contact persons): Department of Bioengineering of the Imperial College London (Prof. Dario Farina), Department of Mechanics, University of Genoa (Prof. Matteo Zoppi robotics), Center of Precision Rehabilitation for Spinal Pain University of Birmingham (Prof. Deborah Falla), Experimental Anatomy Department Vrije Universiteit Brussel (Prof. Erik Cattrysse), Department of Neuroscience, University of Turin (Prof. Fabrizio Benedetti), Department of Neuroscience University of Turin (Prof. Silvestro Roatta)

Grants

2017

Validation of a device for measuring force and motor control of the hand

Liguria Region - MCS srl - IT

Finanziamento P.O.R. FESR regione Liguria Asse 1 - 2016-2020 - CUP Progetto G33G16001700007 - Pricipal investigator

2013

DAAD RESEARCH FELLOWSHIPS 2013 research fellowship at Neuro-engineering Rehabilitation Department Georg University Gottingen - Germany

DAAD - German Academic Exchange Service - DE

Pricipal investigator

2011 - 2013

Translational research in nervous system diseases from molecular biology to the bed of the patient

Fondazione CARIGE - IT

Participant

2004 - 2006

Sport Physiotherapy for All (SPA Project) European project within Leonardo Da Vinci Action 2000-2006

European Community - IT
Participant

Editorial activity

Since 1999 is **member of the International Advisory Board** of Manual Therapy Journal, today **Musculoskeletal Science and Practice**

Since 2006 is **associated editor for the Journal "Scienza Riabilitativa"**, indexed on CINHAI and official scientific organ of the Italian Association for Physiotherapists

From 2011 to 2015 was **member of the editorial board** of the **Italian Journal of Physiotherapy (IJP)**

Since 2015 is **member of the editorial board** of the **Archives of Physiotherapy**

From 2000 to 2015 was **member of the editorial committee** for the Book Series on Rehabilitation edited by **Masson Italy** and **Elsevier Italy**

Assignments abroad

Vrije Universiteit Brussel - Master of Science in Manual Therapy -

Assignment: 3-hour module on 'Rehabilitation of temporomandibular disorders'

Renewed annually since 2001, with the exception in 2017 and 2018.

University of Applied Sciences of Southern Switzerland - SUPSI - Degree course of

Physiotherapy - I year - I semester - Module of 8 hours on 'Implementation of the International

Classification for Functioning in physiotherapy'. Teaching held in the academic years

2006/2007; 2007/2008; 2008/2009; 2009/2010

Thim van der Laan - University college in Physiotherapy, Landquart (CH - Canton of Grisons)

Assignment: Master of Science in Physiotherapy - Teaching module of 15 hours on 'Rehabilitation of the

Temporomandibular disorders' in the years 2009 and 2010

Vrije Universiteit Brussel - Experimental Anatomy Department

Role: Assignment of voluntary scientific collaborator with workload equal to 10% of the full-time contract

from 01-02-2011 to today

Other professional activities

Founder and President of the University Spin Off 'Fisiocampus', founded on the basis of the award

achieved in the competition for innovative ideas and technology transfer 'UNITI' of University of Genoa.

The spin off Fisiocampus deals with **consulting services in rehabilitation and implementation of technology in rehabilitation.**

from 01-02-2015