

## **Curriculum vitae et studiorum**

**Place/Date of birth:** October 18, 1983  
Verona, Italy

**Business address:** Department Neurological, Neuropsychological, Morphological and Movement Sciences, University of Verona, Verona, Italy  
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## **Education**

- 2008 - present**      **Master Degree in Health and Rehabilitation Profession Sciences** - Faculty of Medicine, University of Verona.
- 2004 - 2007**      **Bachelor of Science in Physiotherapy**, University of Verona, Faculty of Medicine. Thesis: Experimental research: "Effect of gait and balance training on postural instability in patients with multiple sclerosis".
- 2007**              **Erasmus Program Scholarship**, University of Oulu, Finland.
- 06/07**              "The Biomechanics and Problems of the Shoulder Girdle, Upper Extremity and Cervical Spine – Evaluation, Prevention and Rehabilitation", University of Oulu, Finland.
- 2004 - 2007**      Clinical training locations and main areas during Bachelor of Science in Physiotherapy (1500 hours):
- R.S.A. Riabilitazione di Cologna Veneta, Verona – Orthopaedic
  - Hospital Legnago – Orthopaedic
  - Istituto Assistenza Anziani di Villa Monga, Verona – Geriatric
  - ULSS 4 Distretto di Schio, Vicenza – Children Disease
  - ULSS 22 Distretto di Bussolengo, Verona - Children Disease
  - Centro Fibrosi Cistica, Hospital Verona - Respiratory
  - Rehabilitation Center Don Calabria, Verona – Neurologic
  - Hospital Chiarenzi di Zevio, Verona – Neurologic
  - Hospital Oulun Diakonissalaitos (ODL) Finland - Orthopaedic
  - Rehabilitation Center Rokuan Kuntokeskus Finland – Orthopaedic
- June 2003**              High school diploma in the commercial field at "Istituto Marco Polo" in Verona.

## **Employment history**

- 06/08 - present**      **Researcher - Physiotherapist:** Chronic Outpatient Neurology: Conduct research in the field of rehabilitation with neurological. Department Neurological, Neuropsychological, Morphological and Movement Sciences, University of Verona, Verona, Italy.
- 21/01 - 31/12/08**      **Physiotherapist:** Chronic Outpatient Neurology. Rehabilitation Center “Don Calabria”, Verona.

### **Teaching experience**

- A.A. 10/11**      **Contract Lecturer in** “Research Methodology” School of Physiotherapy, University of Verona.
- A.A. 09/10**      **Contract Lecturer in** “Research Methodology” School of Physiotherapy, University of Verona.

### **Memberships**

- 2010**      Italian Society of Neurological Rehabilitation – S.I.R.N.

### **Conferences**

- 26-27/05/10**      “Le ricerche Finanziate dalla Fondazione Italiana Sclerosi Multipla”, Istituto Superiore di Sanità, Roma, Italy.
- 23-27/05/10**      17<sup>th</sup> PRM Congress of European Society of Physical and Rehabilitation Medicine and 38<sup>th</sup> Congresso Nazionale di Medicina Fisica e Riabilitativa, Venezia, Italy.
- 22-24/04/10**      10<sup>th</sup> National Congress of the “Società Italiana di Riabilitazione Neurologica” Società Italiana di Riabilitazione Neurologica, Palermo, Italy.
- 21-25/03/10**      6<sup>th</sup> World Congress for Neurorehabilitation, Vienna, Austria.
- 20-23/09/09**      37<sup>th</sup> Congresso Nazionale di Medicina Fisica e Riabilitativa, Campobasso, Italy.
- 7 - 09/05/09**      9<sup>th</sup> National Congress of the “Società Italiana di Riabilitazione Neurologica” Società Italiana di Riabilitazione Neurologica, Rome, Italy.

### **University Lectures**

- From 2009**      “Guida alla stesura di un report”, School of Physiotherapy, University of Verona.
- 11-13/06/09**      Gait Analysis – Analisi strumentale e osservazionale a confronto. Centro Polifunzionale Don Calabria, Verona.

## Research Activities

- The treatment of spasticity and neurological rehabilitation in stroke patients;
- Balance and falls in multiple sclerosis;
- Gait training for patients with stroke and cerebral palsy: clinical trial with Gait-trainer®;
- The Gait assessment: Gait Analysis using GaitRite®;
- Balance assessment in multiple sclerosis: Balance-Platform System®;
- Upper limb sensori-motor rehabilitation in stroke patients.

## Presentations

1. **Munari D.**, Origano F., Cerini E., Benedetti MD., Gandolfi M., Fiaschi A., Smania N.: Effetti della riabilitazione dei disturbi di integrazione sensori-motoria sulla deambulazione: studio sperimentale in pazienti con Sclerosi Multipla. *Oral Presentation IX S.I.R.N.*;
2. Bonetti P., Vangelista A., Montagnana B., Casentino A., Ledro G., Bendinelli M., Pinto F., Recalcati M., **Munari D.**, Gandolfi M, Fiaschi A., Smania N.: Valutazione di efficacia di un nuovo strumento ortesico dinamico per la facilitazione motoria nelle paralisi cerebrali infantili. *Poster IX S.I.R.N.*;
3. T. Squaquara, **D. Munari**, M. Gandolfi, G. Di Girolamo, A. Fiaschi, G. Ledro, N. Smania: Nuove ortesi in neuroriabilitazione. *Poster XXXVII S.I.M.F.E.R.*;
4. **Munari D.**, Origano F., Cerini E., Benedetti MD., Gandolfi M., Fiaschi A., Smania N.: Effetti della riabilitazione dei disturbi di integrazione sensori-motoria sulla deambulazione: studio sperimentale in pazienti con Sclerosi Multipla. *Poster XXXVII S.I.M.F.E.R.*;
5. **Munari D.**, Bonetti P., Cosentino A., Waldner A., Tomelleri C., Montagnana B., Geroin C., Gandolfi M., Pivelli A., Smania N. Valutazione dell'efficacia di strumenti robotici nella riabilitazione della deambulazione in bambini affetti da paralisi cerebrale infantile. *Oral Presentation X S.I.R.N.*, Monreale (PA).
6. Fontana C., Stort S., Picelli A., Tamburin S., **Munari D.**, Gandolfi M., Zambito A., Fiaschi A., Smania N. Tossina botulinica ed elettrostimolazione: confronto tra due diversi protocolli di trattamento della spasticità. *Oral Presentation X S.I.R.N.*, Monreale (PA).
7. **Munari D.**, Ceriani E., Fontana C., Casarotto M, Benedetti M, Fiaschi A, Gandolfi M, Smania N. Effects Of Sensori-Motor Integration Training On Balance Impairment In Patients With Multiple Sclerosis. *Poster XXXVIII S.I.M.F.E.R* (Venezia, Lido);
8. **Munari D.**, Bonetti P., Cosentino A., Waldner A, Hesse S, Geroin C, Werner C, Gandolfi M, Smania N. Changes In Locomotory Functioning After Repetitive Locomotor Training In Patients Affected By Cerebral Palsy. *Oral Presentation X XXXVIII S.I.M.F.E.R* (Venezia, Lido).

## Peer-reviewed articles

1. Smania N, Picelli A, **Munari D**, Geroin C, Ianes P, Waldner A, Gandolfi M. Rehabilitation procedures in the management of spasticity. *Eur J Phys Rehabil Med.* 2010; 46: 423-38.
2. Smania N, Bonetti P, Gandolfi M, Cosentino A., Waldner A, Hesse S, Werner C, Geroin C, **Munari D**. Improved gait after repetitive locomotor training in children with cerebral palsy. *American Journal of Physical Medicine & Rehabilitation.* *Accepted for publication;*
3. Geroin 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. *Clinical Rehabilitation.* *Accepted for publication;*

### Personal interests

Foreign languages (English, Spanish and German) and traveling.  
Sports: judo, snowboarding, windsurfing, swimming and running.

Verona, October 2010

Daniele Munari