

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name EMILIANA BIZZARINI, BORN IN UDINE ON 18TH AUGUST, 1969

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WORK EXPERIENCE

From February 1996 to December 1999 Medical Doctor at the Regional Medical Sport Center (C.O.N.I., F.M.S.I.) in Trieste.

From January 2000 Medical Doctor, Spinal Unit, Department of Rehabilitation Medicine, Academic Hospital Udine.

EDUCATION AND TRAINING

- Degree in Medicine and Surgery in 1995, University of Udine.
- Board in Sport Medicine in 1999, University of Trieste.
- Board in Physical Medicine and Rehabilitation in 2006, University of Trieste.
- Title of qualification awarded
 - From 1996 Member of the Italian Sports Medicine Federation and from 1997 to 2011 Doping Control Officer.
 - From 2001 Classifier for the Italian Paralympic Committee; from 2009 International Classifier for the International Wheelchair Basketball Federation.
 - From 2006 Tutor Senior in the Medical Area for the Italian Paralympic Committee.
 - In 2014 referring physician for the TUE investigation in the National Paralympic Antidoping Commission and member of the Committee for Therapeutic Use Exemptions.
 - From 2016 to 2019 Board Member of the Italian Spinal Cord Society (SIMS).
 - Chief Medical Doctor at the Paralympic Games in PyeongChang 2018, Chief Medical Officer at the European ParaYouth Game in Lathi (FIN) 2019. Actually Chief Medical Doctor of the Italian Paralympic Committee. Attending to IPC Meeting in the last years IPC 2019 NPC Physician Meeting, 13-14 July 2019 Bonn, Germany
 - Joint IF Head of Classification and NPC Classification Meeting, 8 and 9 September 2019 - Amsterdam, the Netherlands

***Main activities and responsibilities**

Diagnostic and clinical competences

Scientific Activity

From September 2001 Chief Medical Doctor of the Sport Medicine Service for disabled persons, currently accredited at the third level.

From 2007 assignment of high level of professionalism in the field of Instrumental Rehabilitation.

Teaching in academic courses at the University of Udine, Faculty of Medicine:
"Special Kinesiology", integrated course, School of Physiotherapy, from 2002 to 2015.
"Clinical for Spinal cord injury persons" School of Physiotherapy from 2015.
"Rehabilitation", School of Motor Science, from 2008 to 2011 and from 2016 to 2017.
Teaching in master courses at the University of Trieste, Faculty of Medicine:
"The Neurocognitive Basis in Motor Rehabilitation", from 2004 to 2006
"Assistive Technology", from 2005 to 2007

Researcher responsible for research projects approved by the Regional Ethics Committee
SMT1 protocol "Use of non-invasive spinal cord stimulation to modulate spasticity and improve residual motor control in people with spinal cord injury"

SMT2 protocol "Non-invasive spinal cord stimulation and assisted locomotion on a treadmill to generate rhythmic movements in people with spinal cord injury: Pilot Study"

"SARS-CoV-2 infection in patients with spinal cord injury admitted to spinal units: a prospective multi-center observational study".

Clinical data collection of the person with spinal cord injury with the aim of implementing a European database (European Multicenter Study about Spinal Cord Injury-EMSCI)

PUBLISHED PAPERS

- 1) **E. Bizzarini, M. Saccavini, F.Lipanje, P. Magrin, C. Malisan, A. Zampa:** Exercise prescription in subjects with spinal cord injuries. *Arch Phys Med Rehabil June 2005; 86:1170-5*
- 2) **E. Bizzarini, M.R. Iannis, E. Righini, B. Mastromarino, D. Zoratti, M. Saccavini.** Variazioni funzionali e dell'ecostruttura muscolare dopo training isocinetico in pazienti medullosesi incompleti. *Eur Med Phys 2005; 41 (suppl. 1 N° 4): 335-6*
- 3) **E. Bizzarini, M. Saccavini, G. Crocetti, A. Bava, A.B. Maggioni, A. Zampa, P. Di Benedetto.** Confronto tra costo energetico della locomozione con carrozzina da corsa e handcycle in atleti mielolesi. *Eur Med Phys 2005; 41 (suppl. 1 N° 4): 337-8*
- 4) **E. Bizzarini, A. Peratoner, V. Triolo, P. Furlan, R. Papinutti, E. Biasutti, C. Toffoli, C. Del Neri, M. Saccavini.** La fatica nei pazienti con sclerosi multipla: effetti del training cardio-respiratorio. *Eur Med Phys 2006; 42 (suppl. 1 N° 2): 487-90*
- 5) **E. Bizzarini, C. Cisotti, F. Della Bianca, C. Malisan, A. Zampa.** BWSTT and energetic costs of walking in SCI patients *Gait & Posture 2006; 24S:S12-3*
- 6) **E. Bizzarini, M.R. Iannis, E. Righini, B. Matromarino, D. Zoratti, A. Zampa, P. Di Benedetto.** Effects of an isokinetic training on muscle morphology and physiology in SCI incomplete patients. *Gait & Posture 2006; 24S:S13*
- 7) **E. Bizzarini, B. Matromarino, C. Tolazzi, G. Crocetti, A. Zampa.** Programma riabilitativo accelerato dopo ricostruzione del legamento crociato anteriore: monitoraggio con metodica isocinetica nelle diverse tipologie di intervento. *Med Sport 2007; 60: 19-21*
- 8) **E. Bizzarini, G. Crocetti, L. Mos, O. Vriz.** Risultato del monitoraggio ecocardiografico in atleti con trisomia 21. *Med Sport 2007; 60: 17-8*
- 9) **E. Bizzarini, S. Schiavoni, G. Crocetti, B. Mastromarino, L. Mos, A. Zampa.** Parametri cardio-respiratori registrati allo stress test in atleti agonisti mielolesi. *J of Sports Cardiology 2007; 4 (1S): 37-39*

- 10) **E. Bizzarini**, C. Pinzini, E. Girardi, A. Zampa, P. Di Benedetto. Which training for preparing walking with functional electrical stimulation in complete SCI patient? *Gait & Posture* 2008; 28: S21-S22
- 11) **E. Bizzarini**, P. Furlan, E. Faloppa, C. Toffoli, A. Peratoner, V. Triolo, C. Pinzini, C. Malisan, P. Di Benedetto. Fatigue in Multiple Sclerosis: Effect of a Physical Training Program. *International Journal of MS Care* 2009; 11 (1): 50-1.
- 12) **E. Bizzarini**, A. Zampa. Il training locomotorio per il recupero del cammino dopo lesione midollare spinale. *Ital J Rehab Med – MR -2009*; 23: 125-9
- 13) **E. Bizzarini**, A. Zampa, C. Malisan, C. Pinzini, P. Di Benedetto, H. Kern, N. Adami, U. Carraro. Epidemiology and clinical management of Conus-Cauda Syndrome and flaccid paraplegia in Friuli Venezia Giulia: Data of the Spinal Unit of Udine. *Basic Applied Myology* 2009; 19 (4): 163-167
- 14) **E. Bizzarini**, C. Pinzini, G. De Maio, A. Zampa. FES in thoracic level SCI: Experience of Udine. *Basic Applied Myology* 2010; 1 (1 & 2): 53-4
- 15) **E. Bizzarini**, C. Pinzini, C. Urgesi, G. De Maio, M. Maieron, S. D'Agostini, C. De Colle, B. Tomasino, L. Weis, P. Cappellaro, A. Zampa. Neuroplasticity after spinal cord injury: effects of a walking training. *European Journal of Physical and Rehabilitation Medicine* 2010; 46 (S1 N° 2): 101
- 16) **E. Bizzarini**, L. Iona, R. Menosso, C. Moschioni, M. Polo, C. Tolazzi, E. Deotto, A. Iengo, A. Zampa. Allograft or autograft in ACL reconstruction: impact on the regaining pre-injury sport activity. *European Journal of Physical and Rehabilitation Medicine* 2012; 48 (S1 N° 2): 56
- 17) **Bizzarini E**, Pinzini C., De Maio G., Zampa A., Zampieri S., Kern H., Masiero S., Carraro U. Home-based FES of denervated muscle. Muscle reinnervation on a difficult-to stimulate case of an ASIA A Conus –Cauda Syndrome. *Basic Applied Myology* 2012; 22: 8-9
- 18) C. Driussi, A. Ius, **E. Bizzarini**, F. Antonini-Canterin, A. d'Andrea, E. Bossone, O. Vríz. Structural and functional left ventricular impairment in subjects with chronic spinal cord injury and no overt cardiovascular disease. *The Journal of Spinal Cord Medicine* 2014; 37 (1): 85-92
- 19) **Bizzarini E**. Cardiovascular fitness in SCI. *Eur J Transl Myol* 2017; 27(2): 5
- 20) Vríz O, Bertin N, Ius A, **Bizzarini E**, Bossone E, Antonini-Canterin F. Carotid Artery Stiffness and Development of Hypertension in People with Paraplegia and No Overt Cardiovascular Disease: a 7-year Follow up. *Cardiovasc Echogr.* 2017 Oct-Dec; 27(4): 132-140.
doi: 10.4103/jcecho.jcecho_43_17

Udine, 21-05-2021

Euriana Bizzarini