


## PERSONAL INFORMATION Dr. Antonino MASSONE



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Tax Code: MSSNNT57P13F205S

Sex M | Date of Birth 09/13/1957 | Nationality Italian

## POSITION HELD

Director of the Complex Structure of the Unipolar Spinal Unit

EXPERIENCE  
PROFESSIONAL

Since June 2006 Director of the Complex Structure of the Unipolar Spinal Unit – ASL 2 Savonese

Head of the Simple Structure "Rehabilitation" in the Unipolar Spinal Unit of the Santa Corona Hospital in Pietra Ligure (SV) starting from 01.04.1999

Director of the Simple Structure "Departmental Treatment of Severe Spasticity" from January 2002 to June 2005

## EDUCATION AND TRAINING

Year 1975

Classical High School Diploma

Year 1983

Degree in Medicine and Surgery in obtained at the University Milan

Year 1989

Specialization Diploma at the University of Milan Nuclear Medicine at

## PERSONAL SKILLS

Mother tongue

Italian

Other languages: English

COMPREHENSION		SPOKE		WRITTEN PRODUCTION
I listen	<u>Reading</u>	Interaction	Oral production	

## Communication skills

▪ I have good communication skills acquired during my many years of experience as a doctor.

### Organizational skills and management

- currently responsible for a multidisciplinary team of 65 people including doctors, nurses, OSS, physiotherapists, psychologists and administrative staff

### Professional skills

- excellent mastery of quality control processes (currently responsible for quality control of the Direct Complex Structure)

### Computer skills

- excellent command of Microsoft Office tools

### Driving license

"B"

## MORE INFORMATION

### EDUCATIONAL ACTIVITIES

#### TO THE COURSE FOR PROFESSIONAL NURSES

<u>School year</u>	<u>Matter</u>
1990/91	Anatomy and Physiology (90 hours)
1990/91	General Pathology (60 hours)
1991/92	Anatomy and Physiology (90 hours)

#### TO THE COURSE FOR REHABILITATION THERAPISTS

<u>School year</u>	<u>Matter</u>
1990/91	Physics - Biomechanics
1991/92	Physics-Biomechanics
1992/93	Perfect Methodology
1994/95	Rehabilitation Techniques - Special Neuromotor
1996/97	General Kinesitherapy (40 hours)
1997/98	Special Kinesiology - Posturology (20 hours)

UNIVERSITY DIPLOMA OF NURSING SCIENCES  
FACULTY OF MEDICINE AND SURGERY, UNIVERSITY OF GENOA, TRAINING  
CENTRE OF PIETRA LIGURE (SV).

#### DEGREE DIPLOMA IN NURSING

2005/6	Physical Medicine and Rehabilitation
2006/7	Physical Medicine and Rehabilitation
2007/8	Physical Medicine and Rehabilitation
2008/9	Physical Medicine and Rehabilitation
2009/10	Physical medicine and rehabilitation
2010/11	Physical medicine and rehabilitation
2011/12	Physical and Rehabilitation Medicine
2012/13	Physical and Rehabilitation Medicine

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UNIVERSITY DIPLOMA OF PHYSIOTHERAPIST –  
FACULTY OF MEDICINE AND SURGERY, UNIVERSITY OF GENOA, TRAINING  
CENTRE OF PIETRA LIGURE (SV).

1998 / 99	Physiokinesitherapy 1st in the integrated course of rehabilitation methodology
1999/2000	Physiokinesitherapy I in the integrated course of B4 rehabilitation methodology of the 1st year Physiotherapy II in the integrated course of C4 general methodology of motor rehabilitation and instrumental physiotherapy of the 2nd year. Clinical nursing and rehabilitation IV° in the integrated course of D1 general methodology and techniques of neuromotor rehabilitation of the 2nd year.  Physiotherapy II of the Integrated Course of D3 Geriatrics of the 2nd year
2000/2001	Physiotherapy II in the integrated course C4: general methodology of motor rehabilitation and instrumental physiotherapy of the 2nd year Physiotherapy I in the integrated course B.4: methodology of rehabilitation
2001/2002	Physiokinesitherapy I in the integrated course B.4: rehabilitation methodology Physiokinesitherapy II in the integrated course C.4: general methodology of motor rehabilitation and instrumental physiotherapy Clinical Nursing and Rehabilitation IV in the Integrated Course D1: General Methodology and Techniques of Neuromotor Rehabilitation
2002/2003	Kinesiology Methodology and techniques of rehabilitation in neurology
2003/2004	Kinesiology General Rehabilitation
2004/2005	Kinesiology General Rehabilitation Neurological Rehabilitation 2
2005/6	Kinesiology General rehabilitation Neurological rehabilitation 2
2006/7	Kinesiology General rehabilitation Neurological rehabilitation 2
2007/8	Kinesiology General rehabilitation Neurological rehabilitation 2
2008/9	Kinesiology General rehabilitation Neurological rehabilitation 2
2009/10	Kinesiology General rehabilitation Neurological rehabilitation 2
2010/11	Kinesiology General rehabilitation Neurological rehabilitation 2
2011/12	Kinesiology General rehabilitation Neurological rehabilitation 2
2012/13	Kinesiology General rehabilitation Neurological rehabilitation 2
2013/2014	Kinesiology General rehabilitation

	Neurological rehabilitation 2
2014/2015	Kinesiology General rehabilitation Neurological rehabilitation 2
2015/2016	Kinesiology General rehabilitation Neurological rehabilitation 2
2016/2017	Kinesiology General rehabilitation Neurological rehabilitation 2
2017/2018	Kinesiology General rehabilitation Neurological rehabilitation 2
2018/2019	Kinesiology General rehabilitation Neurological rehabilitation 2
2019/2020	Kinesiology General rehabilitation Neurological rehabilitation 2
2020/2021	Kinesiology General rehabilitation Neurological rehabilitation 2
2021/2022	Kinesiology General rehabilitation Neurological rehabilitation 2
2022/2023	Kinesiology General rehabilitation Neurological rehabilitation 2
2023/2024	Kinesiology General rehabilitation Neurological rehabilitation 2
2024/2025	Kinesiology General rehabilitation Neurological rehabilitation 2

#### DEGREE COURSE IN PHYSIOTHERAPYASUPSI - HEALTH DEPARTMENT - LUGANO

December 2011.	8 hours of lessons on the topic: spinal cord
December 2012.	injury 8 hours of lessons on the topic: spinal
December 2013.	cord injury 8 hours of lessons on the topic:
December 2014.	spinal cord injury 8 hours of lessons on the
December 2015.	topic: spinal cord injury 8 hours of lessons on
December 2016.	the topic: spinal cord injury 8 hours of lessons
December 2017.	on the topic: spinal cord injury 8 hours of
December 2018.	lessons on the topic: spinal cord injury

#### SPECIALTY SCHOOL

##### PHYSICAL MEDICINE AND REHABILITATION

2007/8	Rehabilitation of the person with spinal cord injury
2008/9	Rehabilitation of the person with spinal cord injury
2009/10	Rehabilitation of the person with spinal cord injury
2010/11	Rehabilitation of the person with spinal cord injury
2011/12	Rehabilitation of the person with spinal cord injury
2012/13	Rehabilitation of the person with spinal cord injury

SPEAKER of the following diploma THESES of the course for rehabilitation therapists (school "Sr. A. Gualla" - Santa Corona Hospital - Pietra Ligure (SV) and subsequently in the degree course

- 1) as 1992-93 Hand rehabilitation in the hemiplegic patient -
- 2) as 1997-98 Exercise and Osteoporosis -
- 3) as 1997-98 The problem of precarious balance in the elderly -
- 4) as 1997-98 Kinesitherapy approach to scoliosis rehabilitation -
- 5) aa 2004-2005 Intervention on the respiratory system during rehabilitation  
Post-acute intensive care of spinal cord injured patient
- 6) academic year 2004-2005 Hydrokinesitherapy in spinal cord injured persons during rehabilitation  
post-acute intensive care
- 7) academic year 2005-2006 Therapeutic-rehabilitative treatment of spasticity in spinal cord injury patients
- 8) academic year 2010/2011 Wheelchair propulsion analysis in the rehabilitation of subjects with spinal cord injury: proposal of an experimental protocol.
- 9) academic year 2022/2023 Lower limb spasticity in patients with spinal cord injury: evaluation through an integrated clinical-instrumental approach

## PARTICIPATION in COURSES, CONFERENCES and PUBLICATIONS

(in chronological order)

Refresher course: pathology of the locomotor system and traumatological emergency - Pietra Ligure (SV) - From 9 January to 10 April 1987

Refresher course (30 hours) - Colorectal tumors -Pietra Ligure (SV)- October 1988

Refresher course on diagnostic and therapeutic aspects of osteoporosis - S. Terenzio di Lerici (SP) - 10 February 1990

Clinical and therapeutic update of cerebrovascular diseases - Savona - April 5, 1990

Update meetings in oncology - Stomach and colorectal carcinomas: bone metastases Sanremo - October 27, 1990

Dyslipidemia and atherosclerotic vasculopathy - Pietra Ligure - November 8, 1990

International meeting on management of goitre and thyroid tumors - Istituto Superiore di Sanità - Rome - 19 November 1990

National Conference on Collagen and Healing: Vascular Ulcers and Bedsores - Sanremo - April 20, 1991

Attendance at the Functional Re-education Service of the Schio Hospital (VI) directed by Prof. C. Perfetti, from 10-14-1991 to 10-19-1991.

The movement, the exercises - Cernobbio (CO) 21-22-23 November 1991

2nd level course "The cognitive therapeutic exercise in neurological pathology of developmental age Pontremoli (MS) - 5-6-7 November 1992

Movement organization and exercise planning - Assago (MI) 10-11-12 December 1992

Cognitive therapeutic exercise in neurological pathology of developmental age - Pontremoli (MS) - 21-22-23 January 1993

Member of the examining commission for the competition for assistant physician in physical medicine and rehabilitation at USL4 - Albenganese - Albenga -13-7- 1993

Degenerative pathology of the shoulder - Pietra Ligure (SV) - September 3, 1993

Cognitive exercise - Basic course - Schio (VI) from 18 to 22 October and from 25 to 27 November 1993

Functional adhesive bandage: theoretical-practical course - Genoa - February 19, 1994

Bobath in the elderly patient - Milan 26-27 February 1994

Evaluation form proposal for the patient to be rehabilitated - Pietra Ligure (SV) - March 26, 1994

Congress - Rehabilitation strategies in cerebral apoplexy - Santa Margherita Ligure (GE) - 14 April 1994.

Functional adhesive bandage: theoretical-practical course - Genoa - May 13, 1994

1st level course in Manual Medicine - Florence - 27 - 28 - 29 - 30 October 1994

Functional adhesive bandage meeting - Genoa - 25-03-1995

Static orthoses in hand rehabilitation - Genoa - April 1, 1995

Moderator at the IV<sup>th</sup> National Conference for Professional Nurses and Rehabilitation Therapists "Nursing of the Spinal Cord Injured". - Pietra Ligure, 11-10-1995

Seminar "The prescription of laboratory tests" - Pietra Ligure - 2-2-1996

Bobath Course: evaluation and treatment of adult hemiplegics - Portograndi (VE) from 15 to 26 January and from 20 to 24 May 1996

Seminar on social and health policies for the elderly - Genoa - 28-06-1996

Kinesitherapy in the orthopedic treatment of scoliosis - Genoa - 9-10 November 1996

Teacher at the refresher course for general practitioners 1997 (January) - Report on: "The multidisciplinary approach in the elderly patient"

Congress: The recovery of autonomy in the person with spinal cord injury - Loano (SV) 26-27 April 1997

Guided postural modulation course - Portograndi (VE) from 9 to 13 June 1997

Hospitalization of the acute internal medicine patient - November 29, 1997 - Pietra Ligure (SV)

Six-day attendance (from 9-3 to 14 -3-1998) at the Niguarda Hospital in Milan in the DRRF department, paraplegic section.

Congress: "Global rehabilitation of the person with high cervical-spinal cord injury" - Ca' Granda Hospital - Niguarda - Milan 13-14 March 1998.

SO.MIPAR Conference. "Spine Injury" - 13-14-15 May 1998 - Alessandria

Early enteral nutrition and immunonutrition in critical and surgical patients 24-10-1998 Pietra Ligure (SV)

Speaker at the Meeting - debate on the socio-health situation in the Savona area  
With the intervention: "Hospital and extra-hospital rehabilitation"  
Savona - 11-12-1998

Attendance at the Unipolar Spinal Unit of Rome - CTO- A. Alesini  
Hospital. Directed by Prof. Valter Santilli. From 15 to 19 March 1999.

Accreditation course for the use of the FIM scale for measuring disability.  
With passing the exam - Milan - 24-06-1999.

Refresher seminar on: "Wheelchair and posture systems"  
Piacenza -28-06-99

1st Seminar on wheelchair posture with ROHO anti-decubitus systems and Symmetrix backrest Pietra Ligure (SV), 23-09-1999.

SIRMU Conference: "Emerging issues on the recovery of human movement on the threshold of the third millennium". 24-09-1999 - Genoa.

Participation in the meeting of the regional rehabilitation group - Genoa - 5-10-1999.

9th SOMIPAR National Conference - Florence. October 28-30, 1999.

Attendance at the Swiss Paraplegic Centre in Nottwill. – 6-7-8 December 1999.

The undersigned organized and attended an aquatic rehabilitation course held at the pools of the Spinal Unit of the Santa Corona Hospital in Pietra Ligure.  
(teacher from the Swiss Paraplegic Centre in Nottwill) 10-11-12 January 2000.

Theoretical-practical course in water "Water rehabilitation of spinal cord injuries" Pietra Ligure (SV) 10-11-12-13 February 2000.

"In-depth conference on Ministerial Decree no. 332/1999: prosthetic services for the disabled – SIMFER – Santa Corona Hospital – Pietra Ligure (SV) 19-02-2000.

Participation in the "Training Course" – Use of botulinum toxin in the treatment of spasticity University of Genoa; Department of Neurological Sciences – Genoa, 26-5-2000.

Conference "Connective tissue function" – Arenzano – 10-6-2000.

Conference "First national consultation on neurogenic bladder" Italian Society of Urodynamics – Turin 24-6-2000

Conference: "Training project" organized by SIMFER – Rome – 5-7-2000.

Member of the Examination Committee in the competition for rehabilitation therapists Chiavari - 11 and 18 October 2000.

Seminar on "Mechanical Ventilation" – Pietra Ligure – 27-10-2000

Seminar on "Respiratory Physiotherapy Techniques" – Pietra Ligure – 10-11-2000

Scientific Secretary and speaker at the conference "New perspectives on non-steroidal anti-inflammatory therapy" Pietra Ligure (SV) – 11-11-2000.

Seminar "Wheelchair posture" - Pietra Ligure - 11-15-2000

SO.MIPAR Course "Global rehabilitation in spinal cord injury patients: from the traumatic event to social reintegration" - Monza – 16-17-18 November 2000

Scientific secretary and speaker at the conference "Osteoporosis": Current issues in diagnosis and therapy" – Pietra Ligure (SV) – 25-11-2000.

Scientific secretary and speaker at the conference "Treatment of spasticity, old and new approaches" – Pietra Ligure (SV) – 2-12-2000.

Member of the examining commission in the public competition for physiotherapists ASL2 Savonese- Savona- 22-2-2001.

Speaker at the seminar: "Sitting position and ergonomics" - Pietra Ligure (SV) - 22-3-2001.

Moderator at the Congress "Rehabilitation project and group work". Genoa - 27-04-2001.

Meeting on the topic "Surface FES for standing and walking in SCI patients". Montecatone d'Imola (BO). 10-5-2001

Seminar "Basic elements for effective communication within the work group" Pietra Ligure (SV) 7 and 8 June 2001.

Moderator at the Congress "Functional Bandage and Botulinum Toxin" - Genoa - 9-6-2001

1st World Congress of the International Society of Physical and Rehabilitation Medicine Amsterdam (The Netherlands) from 7 to 13 July 2001.  
Presentation of the poster "Unsatisfactory results of brachioradialis transfert for finger extension in tetraplegic patients"

Participation in the "National Study Seminar": "The Growth of Italian Rehabilitation in Welfare Policy" - Arezzo - 3-4 September 2001

At the tenth SOMIPAR national congress in Bari - 27-29 September 2001, the undersigned presented:

- 1) "Treatment and prevention of skin lesions from decubitus with biologically advanced dressings"
- 2) "Our experience in using autonomy assessment scales"
- 3) "Teamwork in training planning".

Participation in the XXIX SIMFER national congress: "Rehabilitation for disabled people: physiatrists, operators and volunteers for a common project."

ROME - 4-5-6-7-8 December 2001.

Speaker of two speeches:

- 1) The programmatic strategy in the treatment of multiple pressure ulcers in the spinal cord injured patient.
- 2) Unsatisfactory results of the transfer of the brachio-radial pro extensors in the tetraplegic patient. The undersigned was co-author of a third work presented at the above mentioned congress entitled:
- 3) Treatment and prevention of pressure ulcers with biologically advanced dressings in spinal cord injured patients.

Co-organizer of the seminar: "Knowing manual medicine"

Genoa - December 15, 2001.

Participation in the workshop: "The wheelchair and the posture system" - Pietra Ligure (SV) 22-1-2002.

"1st national theoretical-practical course on the advanced treatment of spasticity: clinic and therapies"

Montecatone Rehabilitation Center and Imola hospital (BO)

January 23-24-25, 2002.

Speaker at the conference: Erectile dysfunction - Pietra Ligure (SV) - 9-2-2002

Speech on: Erectile dysfunction and spinal cord injury.

Speaker at the conference: Rehabilitation in water - Niguarda Hospital - Milan 14-06-2002.

Speech on: The experience of the Spinal Unit of Pietra Ligure.

Participation in the conference "Spasticity, disability, quality of life - Dozza (BO) - 22-11-2002.

Participation in the Course: "Training path for the activation of skills for institutional accreditation". Pietra Ligure (SV) - 21 October and 11 November 2002.

Participation in the advanced course in electrostimulation - Santa Corona Hospital - Pietra Ligure (SV) - 28-11-2002.

Participation in the SIMFER regional congress on osteoporosis.

"Osteoporotic disease: from patient identification to correct treatment Asti

21-22 February 2003.

Participation in the conference: "Follow up in spinal cord injury: preliminary data - Italian multicenter study"

Monticelli Terme - Parma - 28-2-2003.

Speaker at the conference "Nursing of the spinal cord injured patient" - with a speech on

"Hydrotherapy" - Santa Corona Hospital in Pietra Ligure (SV) - 21-22 March 2003

Speaker at the conference: "Handitour 2003. Disability and accessible tourism" - with the speech:

"Spinal Unit and accessible tourism" - Loano (SV) - 29-03-2003.

Speaker at the conference: "Management of the neurogenic bladder in spinal cord injury, from hospital to community"

- Pietra Ligure (SV) - 10-5-2003. Speech entitled: "Prescription and reimbursement of medical devices".

Moderator and speaker at the 11th National Congress of So.MIPar. in association with European meeting -

Genoa - 21-22-23-24 May 2003.

Moderator during the discussion: Management of spasticity with intrathecal baclofen.

Speaker of the presentation:

- 1) Hydrotherapy in Spinal Unit Co-author of the following studies:
- 2) Short-term use of Gabapentin for the treatment of spinal cord injury pain
- 3) Functional surgery of the upper limb in tetraplegics: rehabilitation protocol and functional repercussions
- 4) Wheelchair pushing of spinal cord injured patient: preliminary study.

Since May 2003, the undersigned has worked for three years as a referee for the Ministry of Health, as an evaluator of training events concerning Physical Medicine and Rehabilitation.

Participation in the conference: "Infections in orthopedics" - Pietra Ligure (SV) - 14-06-2003.

Participation in the conference: "Continuing education: the Protagonists of Quality in the ECM program". - Milan - 30-6-2003.



Participation in the refresher seminar "The use of the In-Exufflator (mechanical cough) in spinal cord injuries – Pietra Ligure – 26-08-2003.

Participation in the refresher seminar "The use of the mechanical ventilator Breas PV 403 Pietra Ligure – 11-09-2003.

Speaker at the conference: "Taking charge of the subject affected by spasticity" - Pietra Ligure - 26-27-September-2003.

Speaker at the XXXI SIMFER National Congress Verona - 7-11 October 2003 with the speech:

1) "Severe spasticity in spinal cord injury. Treatment with intrathecal Baclofen –

Co-author of the article:

2) "Management of the hemiplegic affected by spasticity and the role of functional surgery in the rehabilitation project of the hemiplegic".

Speaker at the conference: "A day in a rehabilitation department" with the presentation: "The organization in a department for spinal cord injuries" – Negrar Hospital – Verona - 21-11 2003.

Participation in the conference: "The neurogenic bladder: how, when and why" - Genoa - 29-11-2003.

Participation in the course: "Global treatment of acute spinal cord trauma" - Florence - 23-24 January 2004.

Participation in: "Course on Pharmacovigilance" – Pietra Ligure (SV) – 20-21 – February 2004.

Participation in: "Forum Sanità Futura" conference on management and organizational experiments in the health field, whose scientific direction is managed by the Ministry of Health. Cernobbio (Como) - April 7, 2004.

Participation in the seminar on the ICF classification system - Arenzano - 7-5-2004.

Co-author of the poster: "outcomes following traumatic spinal cord injury" presented at the IV° national congress of the Italian Society of Neurological Rehabilitation – Pavia – from May 31st to June 2nd 2004. Published in: Functional Neurology 2004; 19(2): 113 –129.

Moderator of the refresher course: "Management and treatment of the patient with acute ischemic stroke" - Pietra Ligure - 19-6-2004.

Speaker at the conference: "Global care of the person with spinal cord injury", with the presentation: "The national network of services for spinal cord injuries". Centro Studi Fondazione Maugeri Pavia – 24, 25 June 2004.

Participation in the meeting: "Intrathecal baclofen therapy in the treatment of spasticity due to cerebral palsy" - Sesto S. Giovanni (MI) - 16-7-2004.

At the XXXII SIMFER national congress. Chieti 21-25 September 2004. Speaker with the intervention:

1) "Clinical Cases" in the session: "Intrathecal infusion of Baclofen with Syncromed programmable pumps in the treatment of patients with spinal spasticity.

Co-author of the articles:

2) The association of electromyography and radioscopy examination with urodynamic examination in the diagnosis of neurogenic bladder: an 18-month experience.

3) Neurogenic bladder complications visualized in videourodynamics: preliminary considerations in 20 months of activity.

Co-author of the article: "Epidemiology" in the text "Rehabilitation in spinal cord injuries" - Masson – 2004.

Speaker at the Course: Global treatment of spinal cord injuries in the acute phase Genoa: 15-16 October 2004.

Participation in the conference: Neuropathic pain: the role of neurostimulation in the therapeutic strategy - Pavia - January 28, 2005.

Speaker at the conference: the spinal cord injury patient from diagnosis to returning home - Pietra Ligure 28-29 January 2005.

Participation in the theoretical-practical course: Spasticity and neuropathic pain - Milan 3 February 2005.

Participation in the conference - Spasticity and neuropathic pain - Milan 4 -5 February 2005.

Speaker at the course: Spinal cord injury: clinical, social and sporting aspects - Livigno 15-16 March 2005 with the speech: "Respiratory problems in the rehabilitation of the person with spinal cord injury".

Speaker at the XII SoMIPar national congress - Turin 7-9 April 2005 with:

1) Dispensing of baclofen in boluses via infusion system as the only effective administration method in two paraplegic patients.

Co-author of the following works:

2) Intrathecal baclofen (ITB) infusion with an implantable and programmable pump in patients with spinal spasticity: a long-term retrospective multicenter study.

3) Multiple pressure ulcers in the spinal cord injured patient: management of a truly difficult wound.

4) Sport and integration of the disabled in the territory: the accessible sea.

5) Sports activities for people with spinal cord injuries: the advantage of the climate.

6) Evaluation of a new self-lubricated catheter versus a conventional catheter in patients with spinal cord injury.

Speaker at the course: Treatment of spasticity with intrathecal Baclofen in spinal cord injuries – With the paper entitled: Intrathecal infusion of baclofen: indication, published clinical evidence, personal results. Rome - September 23, 2005.

Principal investigator in the clinical study: "A randomized double-blind, placebo - controlled, parallel study to assess efficacy and safety of Tadalafil in subjects with erectile dysfunction caused by Spinal Cord injury.

Participant in the course "Assistance profiles" – Pietra Ligure – 22-10-2005.

At the XXXIII SIMFER national congress, 8-12 November 2005 - Catania Co-author of two works:

1) Diagnosis of vesicoureteral reflux in the neurogenic bladder: the need for videourodynamics.

2) The psychologist in USU: role and function.

Speaker at conference: Spinal stability: general concepts, orthosis and surgery Parma – 25-11-2006.

Speaker at the "Theoretical-practical course on spinal cord injury: 1st module" – 28 February – 2 March 2006 – Parma.

With two reports: "The rehabilitation project: the concept of team"  
"Respiratory system: rehabilitation aspects".

Moderator of the course: "Management of the acute phase after spinal cord injury" Florence – 5-6 May 2006.

Scientific Director and moderator of the refresher course: The Neurological Bladder Pietra Ligure – 6 May 2006.

At the XXXII SIMFER National Congress. Chieti, 21-25 September 2007

• Co-author of the intervention:

Surgical treatment of heterotopic ossifications in spinal cord injury: our protocol

• Moderator in the session: psychological problems, quality of life.

• Confirmed coordinator of the spinal cord injury section of the scientific society.

At the Congress: the progress of scientific research. Genoa, 26-27 October 2007.

Moderator in the sessions

1. New developments in the therapy of spinal cord injuries

2. Stem cell research

The undersigned participated in the round tables:

1. Disability and spinal cord injuries. Italian and Ligurian reality on research.

2. National Forum on Spinal Cord Injury. Application of Research in Unipolar Spinal Units.

At the XIII National SOMIPAR Congress: 22-24 November 2007 - Udine Co-author of the following speeches:

1. Vesicoureteral reflux in neurogenic bladder: our retrospective study.

2. Comparison of adaptation to illness in relation to levels of anxiety and depression in people affected by post-traumatic spinal cord injury in different cultures.

3. Considerations of psychopharmacotherapy and psychopathology in the treatment of people with spinal cord injury.

4. Epidemiology of spinal cord injury: analysis and statistical correlations of a research conducted by the Unipolar Spinal Unit of Pietra Ligure.

5. Oral therapy of hyperhidrosis in patients with acute spinal cord injury: description of 12 cases using bornaprine.

6. The influence of the domestic apartment on the perception of self-efficacy in the spinal cord injured patient: analysis of a research.

At the workshop. "Integrated approach to spasticity problems from central neurolesion" Pietra Ligure – November 7, 2007-12-18

Speaker: Spasticity and spinal cord injury

At the course "Spinal Injury: Intensive Rehabilitation" Pietra Ligure – 14-15 December 2007  
Speaker of the following speeches:

1. The rehabilitation project
2. Respiratory rehabilitation
3. Using the fan
4. Spasticity and spinal cord injury

At the course of functional surgery in spinal cord injury patients - Turin, January 19, 2008 –  
Speaker of the intervention: "Rehabilitation treatment of the upper limb in preparation for surgery"

At the 2nd National CO.R.TE Congress - Rome 27-28-29 February 2008  
Speaker: "Pressure sores and osteitis: new acquisitions in instrumental diagnostics"

At the seminar "Disability: the network of interventions" Genoa 5 March 2008 Speaker of the  
intervention: "the discharge of the disabled adult patient: problems"

Participation in the conference and round table. "The person with spinal cord injury at the center of the life  
project". Milan 27-28 February 2009

Participation in the conference: "legal aspects in the management of informed consent" Pietra Ligure  
(SV) 5-3-2009.

At the congress "infections in orthopedic prosthetic surgery" Pietra Ligure (SV) 19,20-3-2009 Speaker of  
the speech: "spondylodiscitis: management of the spinal cord injured patient"

Participation in the National Day of the Person with Spinal Cord Injury: "Let's Start Research"  
Milan 4-4-2009.

At the conference: "Team sports and disability" Genoa 18 April 2009  
Speaker of the speech: "Recreational sports activities in USU".

Participation in the course "User Group ITB" Bolzano 4,5,6-June 2009-08-25

Scientific director of the training project: "The treatment of spasticity: experiences compared" – Pietra  
Ligure – 13-6-09

Moderator at the 37th SIMFER National Congress – Campobasso – 20-21-22-23 September 2009

ProgettoA.LMA - Dozza (BO) 29-10-2009. See also publication on: "The evolved organizations in  
Healthcare" il sole 24 ore

Speaker at the conference: "Out-of-hospital care issues in patients on mechanical ventilation" –  
Vado Ligure (SV) - 21-11-2009.

Sacral neuromodulation: indications and patient selection – Turin – 26-27 November 2009

Speaker at the Clinical Service – SCI Board – Sesto S. Giovanni (MI) – 3-12-2009

Lecturer at the physiotherapy degree course at SUPSI in Lugano for topics related to spinal cord injury  
– December 2009.

Clinical governance and good rehabilitation practice, which tools? - Genoa - 4-5 February 2010

Update on intrathecal therapy and implantable systems – Parma – 17-18 February 2010

CAB meeting- Milan- March 4, 2010

Speaker at the 14th SOMIPAR national congress – Palermo – 18-20 March 2010. Muscle injuries-  
skeletal and cutaneous.

Speaker at the 10th SIRN National Congress - Palermo - 22-23-24 April 2010. Pressure sores in spinal cord  
injury patients and intervention strategies

Speaker at the course "The role of the nurse in rehabilitation hospitalization: 2nd and 3rd level comparison" - Pietra Ligure -  
27-28 April and 15-16 June 2010  
"The state of the art and the need for standardization in rehabilitation medicine"

Congress participant: Home care for people on invasive mechanical ventilation: a life project -  
Milan - 13-14 May 2010

Speaker at the course: "Respiratory rehabilitation, basic training and new rehabilitation perspectives" - Pietra Ligure - 15 May 2010. Treatment of the spinal cord injured patient: presentation of a case.

Speaker at the 1st joint course ANIN GIS. - Sanremo - May 20, 2010.  
Vertebral trauma and rehabilitation

Participant at the 38th SIMFER National Congress - Venice 23-27 May 2010

Management training course for managers of complex structures at the University of Genoa. June 9, 2010  
discussion of the project work: "Operating within 24 hours on an elderly person with a fractured femur: creation of the system".

Participant in the 2nd meeting of the European Regional Joint Group. Clinical update in neuromodulation. Madrid 16-18 June 2013.

Participant at the 9th AIUC National Congress. Skin ulcers in the heart of the Mediterranean. September 15-18, 2010

Speaker at the conference: "Treatment of spasticity in spinal cord injury" - Imola - October 1-2, 2010 the results of the Italian board ITB for SCI. Presentation of the project: guidelines for the treatment of spasticity in spinal cord injury.

Moderator at the CNOPUS national conference. Tools for the individual project in Spinal Unit. From the need for care to the care of need. Ostia - 12-13 November 2010

Speaker at the 5th forum risk management in healthcare. Empowerment of the person with spinal cord injury in the Spinal Unit- Arezzo 23-26 November 2010.

Speaker at the 8th SOMIPAR national course - Cagliari - 5-7 May 2011 - Nosocomial infections

50th annual scientific meeting for the International spinal cord society - Washington - 4-8 June 2011

ITB therapy: consolidated experience and innovation - Sesto S. Giovanni - 21 September 2011

Moderator at the 39th SIMFER national congress: physical and rehabilitation medicine: from taking charge to reintegration of the person.- Reggio Calabria - 16-19 October 2011

Teacher at IAWC (Italian Academy of Wound Care) 2011-2012 - Asti.

Speaker at the SIMFER conference: "Current events and new horizons in the recovery of people with spinal cord injury" Padua 3-5 November 2011  
Spinal cord pain syndromes

Speaker at the conference Advances and innovation for functional recovery in spasticity patients - Costamasnaga - 11-12 November 2011. State of the art in SCI (literature overview and personal experience).

Moderator at the CNOPUS National Conference: "Unipolar Spinal Unit: a journey through acquired experiences and the future scenario". Ancona - 18-19 November 2011.

Speaker at the SOMIPAR conference: "Pain and spasticity in people with spinal cord injury: integrated treatment". - Pisa - 25 November 2011  
Baclofen endorachis.

Speaker at the course: "traumatic and degenerative pathology of the cervical spine" - Genoa - 3 December 2011.  
Rehabilitation

Teacher at the course: "Maintenance and improvement of the quality management system - Pietra Ligure - from 13 April 2011 to 30 November 2011. (duration 21 hours) and from 2 May 2011 to 24 October 2011 (duration 21 hours)

Scientific Director and Speaker at the course: "The use of robotics within the rehabilitation department" - Pietra Ligure - from 12 to 26 January 2012.

Scientific director and speaker at the course: "Pressure sores: emphasis on the host" Pietra Ligure - from 19 to 21 January 2012

Speaker at the conference: "The management of non-motor disorders in spinal cord injuries - Telese Terme (BN) - 10 February 2012 - presentation entitled: "Baclofen infusion: beyond spasticity".

Speaker at the international congress CORTE - Rome - 1-3 March 2012. Presentation entitled: "pressure ulcers".

Moderator and speaker at the 15th SOMIPAR national congress - Imola - 22-24 March 2012.

Report within the round table: "News on organizational models for the management of people with spinal cord injury".

Moderator at the conference "pediatric rehabilitation days 2012: "Rehabilitation in children with neurosurgical pathology" – Genoa – from 19 to 21 April 2012.

Participation in the Workshop impact proactive 2012 – Florence – from 29th to 30th June 2012

Participation in the 51st ISCOS meeting 2012 – London – 3-5 September 2012

Participation in the 40th SIMFER National Congress – Sorrento – from 21st to 25th October 2012

Moderator at the CNOPUS 2012 national conference – Milan – from 22nd to 24th November 2012

Participation in the 6th Symposium on current topics in spinal cord injury – Barcelona – January 18-19, 2013

Participation in the conference Treatment of intestinal dysfunctions in neurological patients. State of the art and future prospects.- Milan – from 14 to 15 March 2013.

Scientific director and speaker at the course: "pressure sores: emphasis on the host" – Pietra Ligure – 12-13 April 2013

Teacher at the course: "Home management of patients with spinal injuries" – Pietra Ligure – from 20 to 22 May 2013

Moderator at the 9th SOMIPAR National Congress – Perugia – 23-25 May 2013

Participation in the IMPACT 2010 congress – Florence – from 28th to 29th June 2013

### List of selected publications

Renal function in neurogenic bladder with vesico-ureteral reflux.	"Urodynamics"	2006
Hyperhidrosis treatment with bornaprine in the acute phase of spinal cord injured patients.	"Spinal Cord"	2008
Rehabilitation in spinal cord injuries.	"Ital J Rehab Med - Mr	2009
The Journey of a Person with Spinal Cord Injury: The Registry.	"Ital J Rehab Med - Mr	2009
Respiratory physiotherapy in the patient with cervical spinal cord injury.	"Ital J Rehab Med - Mr	2009
Kinematic analysis of wheelchair propulsion: proposal for an experimental model.	"Ital J Rehab Med - Mr	2009
Italian multicenter ITB study: six-month results.	"Ital J Rehab Med - Mr	2010
Combination of alpha lipoic acid and superoxide dismutase leads to physiological and symptomatic improvements in diabetic neuropathy.	"Drugs"	2012

### LATEST PUBLICATIONS :

#### *Journal Papers*

1. Bellitto A, Marchesi G, Comini M, Massone A, Casadio M, and De Luca A. "Electromyographic and Kinematic Evaluation of Bench Press Exercise: A Case Report Study on Athletes with Different Impairments and Expertise," *Sports Sciences for Health*, 0123456789, 2022.
2. Ricci S, Gandolfi F, Marchesi G, Bellitto A, Basteris A, Canessa A, Massone A, and Casadio M, "ADRS: The new open-source accessible driving simulator for training and evaluation of driving abilities," *Computer Methods and Programs in Biomedicine*, Volume 221, 2022.
3. De Luca\* A, Bellitto\* A, Mandraccia S, Marchesi G, Pellegrino L, Coscia M, Leoncini C, Rossi L, Gamba S, Massone A, & Casadio M. "Exoskeleton for Gait Rehabilitation: Effects of Assistance, Mechanical Structure, and Walking Aids on Muscle Activations". *Appl. Ski*. 2019, 9, 2868. (\* indicates equal contribution).

### Conferences Proceedings (full papers - peer reviewed)

1. Grassi L, Canepa D, Bellitto A, Casadio M, Massone M, Recchiuto CT, & Sgorbissa A, "Diversity-Aware Verbal Interaction Between a Robot and People With Spinal Cord Injury", *32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN 2023)*, Busan (Korea), August 28-31, 2023.
2. Misley E, Rizzoglio F, Bellitto A, Massone A, Russo D, Carlini G, Casadio M, & Pierella C, "Non-linear dimensionality-reduction approach for powered wheelchair control", *VIII Congress of the National Group of Bioengineering (GNB)*, Padova (Italy), June 21-23, 2023.
3. Bellitto A, Mandraccia S, Leoncini C, Rossi L, Gamba S, Massone A, Casadio M, & De Luca A, "Walking after incomplete spinal cord injury: changes in muscle activations due to training with a robotic powered exoskeleton", *International Conference for Biomedical Robotics and Biomechatronics 2020 (BioRob 2020)*, New York (USA), November 29 - December 1, 2020.
4. Marchesi G, Ricaldone E, De Luca A, Torre K, Quinland K, Bellitto A, Squeri V, Massone A, Casadio M, & Canessa A, "A robot-based assessment of trunk control in Spinal Cord Injured athletes", *International Conference for Biomedical Robotics and Biomechatronics 2020 (BioRob 2020)*, New York (USA), November 29 - December 1, 2020.
5. Gandolfi\* F, Bellitto\* A, Basteris A, Canessa A, Massone A, Ricci S, & Casadio M, "An open-source, wheelchair accessible and immersive driving simulator for training people with Spinal Cord Injury", *International Conference on NeuroRehabilitation 2020*, online, October 13-16, 2020 (\*indicates equal contribution).
6. Marchesi G, Bellitto A, Ricaldone E, De Luca A, Sanfilippo C, Torre K, Quinland E, Saglia J, Squeri V, Massone A, Casadio M, & Canessa A, "Evaluation of balance abilities in expert Paralympic athletes with lower limb amputation", *International Conference on NeuroRehabilitation 2020*, online, October 13-16, 2020.

### Conferences Proceedings (extended abstract)

1. Bellitto A, Biasotti G, Freccero A, Romani P, Traverso N, Canessa A, Casadio M, Massone A, Ricci S, & Pierella C, "Driving simulator for assessing the driving abilities of individuals with spinal cord injury", *Italian Society of the Clinical Movement Analysis XXII Annual Congress (SIAMOC 2023)*, Rome (Italy), October 4-7, 2023.
2. Marchesi G, Bellitto A, Torre K, Quinland E, Gamba S, De Luca A, Canessa A, Squeri V, Massone A, & Casadio M, "Evaluation of trunk control and core stability in subjects with spinal cord injury", *XIX National Congress of the Italian Spinal Cord Society (SIMS)*, Bari (Italy), November 10-12, 2022.
3. Pagano M, Bellitto A, Cataldo E, Casadio M, & Massone A, "Development of a low-cost system for the assessment of lower limb muscle spasticity in people with spinal cord injuries: a pilot study", *XIX National Congress of the Italian Spinal Cord Society (SIMS)*, Bari (Italy), November 10-12, 2022.
4. Bellitto A, De Luca A, Casadio M, Galofaro E, Gamba S, Losio L, Pierella C, & Massone A, "Functional evaluation of movements and muscle activations of the upper limbs following cervical spinal cord injury", *XIX National Congress of the Italian Spinal Cord Society (SIMS)*, Bari (Italy), November 10-12, 2022.
5. Bellitto A, Roascio L, Rossi T, Marchesi G, Pierella C, Massone A and Casadio M. "Effects of a robotic end-effector device on muscle patterns while walking under different levels of assistance", *Italian Society of the Clinical Movement Analysis XXII Annual Congress (SIAMOC 2022)*, Bari (Italy), October 5-8, 2022.
6. Marchesi G, Bellitto A, Torre K, Quinland E, Gamba S, De Luca A, Canessa A, Squeri V, Massone A, and Casadio M., "Assessment of trunk control and core stability in spinal cord injured subjects", *Italian Society of the Clinical Movement Analysis XXII Annual Congress (SIAMOC 2022)*, Bari (Italy), October 5-8, 2022.
7. Bellitto A, De Luca A, Casadio M, Galofaro E, Gamba S, Losio L, Massone A, Muller I, Pierella C, "Functional evaluation of upper limb movement and muscle strategies after cervical spinal cord injury", *International Society of Electrophysiology and Kinesiology Virtual Congress (ISEK)*, July 12-14, 2020.
8. Galofaro E, De Luca A, Pierella C, Tasso E. ; Cervetto F, Bellitto A, Matera V, Gamba S, Losio L, Venegoni A, Mandraccia S, Muller I, Pini D, Leoncini C, Quinland E, Massone A, & Casadio M, "Instrumental evaluation of upper limb movements in subjects after cervical spinal cord injury", *Italian Society of the Clinical Movement Analysis XVIII Annual Congress (SIAMOC 2017)*, Turin (Italy), October 4-7, 2017.

### Participation in scientific societies

- **SIMFER – Italian Society of Physical Medicine and Rehabilitation**
  - OR Ligurian Regional Secretary and subsequently Head of the Spinal Cord Injury Section
- **SIMS – Italian Spinal Cord Society**
  - OR Member of the Board of Directors (2013 to present),
  - OR President (three-year period 2016 – 2019)
  - OR President of the 17th National Congress held in Genoa from 5 to 7 May 2016

The undersigned is aware that, pursuant to art. 26 of law 15/68, false declarations, falsity in documents and the use of false documents are punishable under the penal code and special laws. Furthermore, the undersigned authorizes the processing of personal data, as provided for by Law 196/03

Pietra Ligure, June 5, 2025

Dr. Antonino MASSONE