

PERSONAL INFORMATION

Elisa Andrenelli



Sex Female | Date of birth 20/08/1984 | Nationality Italian

WORK EXPERIENCE

**December 2018-
Ongoing**

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University Experimental and Clinical Medicine, Neurorehabilitation Clinic and Spinal Cord injury department

Physiatrists (PM&R) Physician

Transcranial magnetic stimulation and motor evoked potentials, transcranial direct current stimulation, electromyography guided botulinum toxin treatment for spasticity and dystonia, spinal cord injury assessment.

Rehabilitative management of Movement disorders and paediatric Neuromuscular diseases.

July 2017-October 2018

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University Experimental and Clinical Medicine, Neurorehabilitation Clinic

Physiatrists (PM&R) Physician, PHD student

Transcranial magnetic stimulation and motor evoked potentials, transcranial direct current stimulation, electromyography guided botulinum toxin treatment for spasticity and dystonia.

Rehabilitative management of Movement disorders and Neuromuscular diseases patients (adults and children).

March 2017-July 2017

Neurosciences Research Centre, Cardiovascular and Cell Sciences Research Institute at St. George's University of London

PHD student, observer fellow

Functional/psychogenic Movement Disorder, rare movement disorders, Tourette syndrome. Botulinum toxin in movement disorders.

July 2016- March 2017

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University Experimental and Clinical Medicine, Neurorehabilitation Clinic

Physiatrists (PM&R) Physician, PHD student

Transcranial magnetic stimulation and motor evoked potentials, transcranial direct current stimulation, electromyography guided botulinum toxin treatment for spasticity and dystonia.

Rehabilitative management of Movement disorders and Neuromuscular diseases patients (adults and children).

May 2016-29 June 2016

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University Experimental and Clinical Medicine, Neurorehabilitation Clinic

Physical and Rehabilitation Medicine trainee- Supervised by tutors

Rehabilitative management of Movement disorders and Neuromuscular diseases patients.

March 2016- April 2016

Policlinico "G. Martino" Messina-Neurophysiopathology and movement disorders

Physical and Rehabilitation Medicine trainee- Observer Fellow

Parkinson Disease and other movement disorders, Clinical Neurophysiology, Nerve conduction studies and electromyography, transcranial magnetic stimulation and motor evoked potentials, electromyography and US guided botulinum toxin treatment for spasticity and dystonia

**December 2015-
February 2016**

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University
Experimental and Clinical Medicine , Neurorehabilitation Clinic
Physical and Rehabilitation Medicine trainee- Supervised by tutors
Rehabilitative management of Movement disorders and Neuromuscular diseases patients. Electromyography and ultrasound guided botulinum toxin treatment for spasticity and dystonia.

**October 2015-
November 2015**

Policlinico "G. Martino" Messina-Neurophysiopathology and movement disorders
Physical and Rehabilitation Medicine trainee- Observer Fellow
Parkinson Disease and other movement disorders, Clinical Neurophysiology, Nerve conduction studies and electromyography, transcranial magnetic stimulation and motor evoked potentials, electromyography and US guided botulinum toxin treatment for spasticity and dystonia

**June 2015-September
2015**

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University
Experimental and Clinical Medicine , Neurorehabilitation Clinic
Physical and Rehabilitation Medicine trainee- Supervised by tutors
Rehabilitative management of Movement disorders and Neuromuscular diseases patients.

**January 2015 –May
2015**

Policlinico "G. Martino" Messina-Neurophysiopathology and movement disorders
Physical and Rehabilitation Medicine trainee- Observer Fellow
Parkinson Disease and other movement disorders, Clinical Neurophysiology, Nerve conduction studies and electromyography, transcranial magnetic stimulation and motor evoked potentials, electromyography and US guided botulinum toxin treatment for spasticity and dystonia

**June2014 – December
2014**

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University
Experimental and Clinical Medicine , Neurorehabilitation Clinic
Physical and Rehabilitation Medicine trainee- Supervised by tutors
Nerve conduction studies and electromyography, transcranial direct current stimulation in Parkinson Disease and post stroke, gait analysis in Parkinson disease.

June2013 – June2014

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University
Experimental and Clinical Medicine , Neurorehabilitation Clinic
Physical and Rehabilitation Medicine trainee- Supervised by tutors
Management of internal medicine and rehabilitative outcome after acute neurological injury in hospital stay. Echo-Color-Doppler common carotid artery (CCA) and distal internal carotid artery (ICA), distal external carotid artery (ECA).
Rehabilitative management of neuromuscular diseases patients.

June2012 – June2013

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University
Experimental and Clinical Medicine , Neurorehabilitation Clinic
Physical and Rehabilitation Medicine trainee- Supervised by tutors
Functional assessments and rehabilitation treatment planning in traumatic, degenerative and post surgery hand diseases. Functional assessments and rehabilitative management of breast oncologic surgery. Functional assessments and rehabilitative treatments management (degenerative joint disease chronic traumatic

pathology of the musculoskeletal, neurological disease). Therapeutic management of movement disorders (cervical dystonia, Cranio-facial dystonia, Blepharospasm), spasticity and autonomic disturbances through the use of botulinum toxin and intrathecal baclofen, eligibility implant device for the infusion of intrathecal baclofen.

June 2011 – June 2012

Umberto I - G.M. Lancisi - G. Salesi Ancona Hospital; Politecnica delle Marche University
Experimental and Clinical Medicine , Neurorehabilitation Clinic

Physical and Rehabilitation Medicine trainee- Supervised by tutors

Parkinson's disease and Parkinsonism patients diagnostic and rehabilitative management. Static and dynamic posturographic tests execution and report. Rehabilitation of Main circulatory and respiratory disease. Functional assessments and rehabilitation treatment of main orthopaedic disease.

Rehabilitative management of neuromuscular diseases patients.

May 2011 – August 2011

Emergency medical services_ASUR Marche 3_Civitanova Marche

EDUCATION AND TRAINING

15/03/2019

PhD Degree

07/07/2016

Postgraduate Specialization in Physical Medicine and Rehabilitation, "Politecnica delle Marche" University: 50/50 cum laude.

January 2016

European Board in Physical Medicine and Rehabilitation,

01/11/2015 – today

PhD course (2015-2018), tutor Prof Maria Gabriella Ceravolo, "Politecnica delle Marche" University

10/03/2011

Registration in Surgery and Medical Association of Macerata, number 2347

27/10/2010

Medicine and Surgery Degree, 110/110 cum laude

July 2003

Hight school degree, "Liceo Scientifico Galileo Galilei" , 100/100

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|------------------|------------|--------------------|-------------------|------------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | GOOD | GOOD | GOOD | GOOD | GOOD |
| | Independent user | | | | |
| French | SUFFICIENT | SUFFICIENT | SUFFICIENT | SUFFICIENT | SUFFICIENT |
| | Basic user | | | | |

JOB-RELATED SKILLS

Epi-aortic echocolor Doppler diagnostic instrumental evaluation
Diagnostic instrumental evaluations with static and dynamic posturography
Gait analysis in Parkinson's disease
Transcranial direct current stimulation in Parkinson's disease and stroke
Neurophysiological study through transcranial magnetic stimulation in movement disorders
Kinesiotaping application in Parkinson disease and dystonia
Cognitive performance tests after stroke, head injuries and Parkinson's disease.
Dysphagia screening in post-stroke patients
Clinical and Functional assessment through clinical measurements
Prescription of orthotics, prosthetics, aids
Experience in spasticity management and botulinum toxin treatment for spasticity and movement disorders
Post-breast oncologic surgery management
Good command of Microsoft Office tools
Italian driving licence level B

**COMPUTER SKILLS
DRIVING LICENCE****PUBLICATIONS**

- Andrenelli E, Capecci M, Marchegiani M, Fiori F, Di Biagio L, Grassi F, Ceravolo MG. Prevalenza e fattori predittivi di disabilità nella fase acuta post-chirurgia mammaria. *MR Giornale Italiano di Medicina Riabilitativa*. 2012 Vol 26 (Suppl 1): pg 1-2
- Fabbrini G, Abbruzzese G, Barone P, Antonini A, Tinazzi M, Castegnaro G, Rizzoli S, Morisky DE, Lessi P, Ceravolo R; (Andrenelli in the:) REASON study group. Adherence to anti-Parkinson drug therapy in the "REASON" sample of Italian patients with Parkinson's disease: the linguistic validation of the Italian version of the "Morisky Medical Adherence Scale-8 items". *Neurol Sci*. 2013 Nov;34(11):2015-22.
- Tinazzi M, Abbruzzese G, Antonini A, Ceravolo R, Fabbrini G, Lessi P, Barone P; (Andrenelli in the:) REASON Study Group. Reasons driving treatment modification in Parkinson's disease: results from the cross-sectional phase of the REASON study. *Parkinsonism Relat Disord*. 2013 Dec;19(12):1130-5.
- Andrenelli E, Ippoliti E, Coccia M, Millevolte M, Cicconi B, Latini L, Lagalla G, Provinciali L, Ceravolo M, Capecci M. Features and predictors of activity limitations and participation restriction 2 years after intensive rehabilitation following first-ever stroke. *Eur J Phys Rehabil Med*. 2015 Jan 23.
- Scalise A, Torresetti M, Verdini F, Capecci M, Andrenelli E, Mengarelli A, Ceravolo MG, Fioretti S, Di Benedetto G. Acellular dermal matrix and heel reconstruction: a new perspective. *J Appl Biomater Funct Mater*. 2017 May 19:0.
- Elisa Andrenelli, Federica Lucia Galli, Rosaria Gesuita, Edlira Skrami, Francesco Ottavio Logullo, Leandro Provinciali, Marianna Capecci, Maria Gabriella Ceravolo and Michela Coccia. Swallowing impairments in amyotrophic lateral sclerosis and myotonic dystrophy type 1: Looking for the portrait of dysphagic patient in neuromuscular diseases. *NeuroRehabilitation*. 2018;42(1):93-102
- Morgante F, Matinella A, Andrenelli E, Ricciardi L, Allegra C, Terranova C, Girlanda P, Tinazzi M. Pain processing in functional and idiopathic dystonia: an exploratory study. Pain processing in functional and idiopathic dystonia: An exploratory study. *Mov Disord*. 2018 Aug;33(8):1340-1348.

- Chiarici A, Andrenelli E, Serpilli O, Andreolini M, Tedesco S, Pomponio G, Gallo MM, Martini C, Papa R, Coccia M, Ceravolo MG. An Early Tailored Approach Is the Key to Effective Rehabilitation in the Intensive Care Unit. Arch Phys Med Rehabil. 2019 Feb 21.

**PRESENTATIONS
AND CONTRIBUTIONS**

- Andrenelli E, Monsù AM, Capecci M, Ceravolo MG. Riabilitazione del cammino e dell'equilibrio nella Malattia di Parkinson: tre approcci riabilitativi a confronto. XII Congresso Nazionale SIRN. Milano. 03-05/05/2012.
- Capecci M, Andrenelli E, Sordoni E, Di Biagio L, Fiorentini L, Monsù AM, Ceravolo MG. Axial symptoms in Parkinson's Disease: comparative effect of three different rehabilitation approaches for gait and balance impairment. 40° National Congress SIMFER e 9th Mediterranean Congress of PRM. Sorrento. 21-25/10/2012.
- Andrenelli E, Capecci M, Ceravolo MG. DBS o tDCS per il contenimento del freezing, caso clinico. 2° Convegno Regionale SIRN-SIMM - Regione Marche - Eppure si Muove.
- Andrenelli E, Ippoliti E, Cicconi B, Coccia M, Capecci M, Ceravolo MG. Restrizione della partecipazione nei soggetti in fase cronica post-ictus: caratteristiche e fattori predittivi. XIII Congresso Nazionale SIRN. Bari. 18-20 April 2013.
- Ceravolo MG, Andrenelli E, Sordoni E, Di Biagio L, Monsu AM, Capecci M : "DANCE THERAPY EFFECTIVE ON GAIT AND BALANCE IMPAIRMENT IN ADVANCED PARKINSON DISEASE" ISPRM 2013
- Capecci M, Sordoni E, Andrenelli E, Di Biagio L, Millevolte M, Ceravolo MG: "COMPARATIVE EFFICACY AND SAFETY OF BOTULINUM TOXIN TYPE A AND B IIN TREATING PARKINSONS'S DISEASE RELATED SIALORRHEA A PRE TEST POST TEST STUDY" VIII PDWC Ginevra 2013
- Capecci M, Andrenelli E, Sordoni E, Di Biagio L, Monsu AM, Ceravolo MG: " Safety and tolerability of rotigotine transdermal system in patients over 70 years with advanced Parkinson's Disease" VIII PDWC ginevra 2013
- Andrenelli E, Coccia M, Bonifazi S, Falappa M, Viticchi G, Silvestrini M, Provinciali L, Ceravolo MG. Poster: Six-month functional outcome after iv thrombolysis : a case-control study. XLIV Congresso Nazionale SIN Milano 2013.
- Andrenelli E, Ceravolo MG. Il ruolo dell'età e del genere nel recupero funzionale post stroke. IV Corso della Scuola di Formazione Permanente in Riabilitazione Neurologica, Ancona 28-29 November 2013.
- Andrenelli E, Orni C, Provinciali L, Ceravolo MG, Capecci M. tDCS is effective to treat freezing of gait in Parkinson's disease: a single-case design. 19 European Congress of Physical and Rehabilitation Medicine, Marseille, France, 26-31 Maggio 2014.
- Andrenelli E, Capecci M, Ricciuti RA, Scerrati M, Ceravolo MG. Stimolazione Cerebrale Profonda: L'Esperienza Anconetana. Congresso: 15 Anni di Stimolazione Cerebrale Profonda in Ancona, 28 Giugno 2014.
- M. Capecci, E. Andrenelli, E. Sordoni, A.M. Monsu, L. Di Biagio, M.G. Ceravolo (Ancona, Italy). Safety and tolerability of rotigotine transdermal system in patients over 70 years with advanced Parkinson's disease. Movement Disorders, 2014, Vol. 29, Suppl 1, pp. S136
- M. Capecci, E. Andrenelli, C. Orni, M.G. Ceravolo (Ancona, Italy). Bilateral prefrontal transcranial direct current stimulation (tDCS) in Parkinson's disease: A placebo controlled trial. Movement Disorders, 2014, Vol. 29, Suppl 1, pp. S229-S530
- Andrenelli Elisa, Orni Chiara, Maracci Francesco, Ceravolo Maria Gabriella, Capecci Marianna. Poster presentation: Effetto della stimolazione Transcranica a corrente diretta sul freezing della marcia della Malattia di Parkinson. VIII Congresso Nazionale medici in formazione specialistica in Medicina Fisica e Riabilitativa. 11

September 2014, Bologna

- Riccardo Antonio Ricciuti, Marianna Capecci, Elisa Andrenelli, Maria Gabriella Ceravolo, Massimo Scerrati. EFFICACIA e sicurezza nel lungo termine della stimolazione cerebrale profonda del nucleo subtalamico nei soggetti con Malattia di Parkinson: focus on lesioni cutanee legate al dispositivo impiantato. 63 Congresso Nazionale Società Italiana Neurochirurgia. Vicenza 25-27 September 2014
- Elisa Andrenelli, Chiara Orni, Francesco Maracci, Lorenzo Latini, Maria Gabriella Ceravolo, Marianna Capecci Poster presentation: Bilateral Prefrontal or Parietal transcranial Direct Current Stimulation (tDCS) for treating freezing of gait in Parkinson's Disease. A placebo controlled trial. III Congresso Nazionale Congiunto LIMPE/DISMOV-SIN. Salerno 12-14 November 2014
- Elisa Andrenelli, Marianna Capecci, Michela Coccia, Marzia Millevolte, Maria Gabriella Ceravolo. FUNCTIONAL RECOVERY AFTER STROKE: DOES BEING A WOMAN MAKE THE DIFFERENCE? ESOC Conference, Glasgow, 17-19 April 2015
- Elisa Andrenelli, Lorenzo Latini, Maria Gabriella Ceravolo and Marianna Capecci. INCIDENCE AND RISK FACTORS OF FALLS IN SUBJECTS WITH PARKINSON'S DISEASE: A CASE-CONTROL STUDY. 9th World Congress of the International Society of Physical and Rehabilitation Medicine in conjunction with the 120th Congress of the German Society of Physical Medicine and Rehabilitation & the Annual Meeting of the Austrian Society of Physical Medicine and Rehabilitation | 19 - 23 June 2015 Berlin
- Elisa Andrenelli, Marianna Capecci, Anna Maria Monsù, Annalisa Cosimi, Manuela Marchegiani and Maria Gabriella Ceravolo . ACTIVITY LIMITATIONS IN BREAST CANCER SURVIVORS AT ONE YEAR OF SURGERY 9th World Congress of the International Society of Physical and Rehabilitation Medicine in conjunction with the 120th Congress of the German Society of Physical Medicine and Rehabilitation & the Annual Meeting of the Austrian Society of Physical Medicine and Rehabilitation | 19 - 23 June 2015 – Berlin
- Andrenelli E, Morgante F. A scissorhand woman. Young in Movement Disorder. Napoli. 23-24 October 2015
- Andrenelli E . Non-invasive cortical stimulation in Parkinson's disease 11° E.M.R.S.S. COURSE. THE ROLE OF FUNCTIONAL ASSESSMENT AND REHABILITATION IN PARKINSON'S DISEASE AND PARKINSONISMS. Syracuse 09th – 12th November 2015
- Andrenelli E, Barbuto M, Ferrazzoli D, Bera R, Allegra C, Sorbera C, Terranova C, Quartarone A, Frazzitta G and Morgante F. Multidisciplinary Intensive rehabilitation treatment improves sensorimotor plasticity in wearing OFF in Parkinson's disease. // *Congresso Accademia LIMPE-DISMOV, Nicolaus Hotel, Bari 4-6 May 2016*
- Bartolini Valentina, Pigliapoco Martina, Andrenelli Elisa, Ricciuti Riccardo Antonio, Scerrati Massimo, Ceravolo Maria Gabriella, Capecci Marianna (Ancona). Evoluzione delle capacità cognitive e della disabilità in soggetti con Malattia di Parkinson dopo dieci anni di stimolazione cerebrale profonda del nucleo subtalamico. 44 Congresso Nazionale Medicina Fisica e Riabilitativa, SIMFER, Bari, The Nicolaus Hotel 23-26 October 2016
- Cimarelli Sofia, Marchegiani Manuela, Segretti Rachele, Chiarici Alice, Latini Luca, Cameli Cristina, Maracci Francesco, Andrenelli Elisa, Ceravolo Maria Gabriella, Capecci Marianna. Kinesio-taping nel trattamento della linfo sclerosi e del dolore all'arto superiore dopo chirurgia oncologica della mammella. 44 Congresso Nazionale Medicina Fisica e Riabilitativa, SIMFER, Bari, The Nicolaus Hotel 23-26 October 2016
- Latini Lorenzo, Maracci Francesco, Andrenelli Elisa, Ceravolo Maria Gabriella, Capecci Marianna (Ancona) Frequenza e fattori predittivi di caduta in soggetti con

malattia di Parkinson. 44 Congresso Nazionale Medicina Fisica e Riabilitativa, SIMFER, Bari, The Nicolaus Hotel 23-26 October 2016

- Maracci Francesco, Andrenelli Elisa, Orni Chiara, Ceravolo Maria Gabriella, Capecci Marianna (Ancona) Effetto della stimolazione transcranica a corrente diretta sul freezing della marcia in soggetti con malattia di Parkinson. 44 Congresso Nazionale Medicina Fisica e Riabilitativa, SIMFER, Bari, The Nicolaus Hotel 23-26 October 2016.
- Rossi Renato, Giacomini Federica, Monsù Anna Maria, Andrenelli Elisa, Ricciuti Riccardo Antonio, Scerrati Massimo, Ceravolo Maria Gabriella, Capecci Marianna (Ancona). Controllo assiale e cadute in soggetti con malattia di parkinson dopo stimolazione subtalamica bilaterale: studio longitudinale strumentale con follow-up a 4 anni. 44 Congresso Nazionale Medicina Fisica e Riabilitativa, SIMFER, Bari, The Nicolaus Hotel 23-26 October 2016.
- Latini Luca, Millevolte Marzia, Andrenelli Elisa, Ferretti Matteo, Monsù Anna Maria, Traversetti Rita, Capanna Elisa, Barboni Ilaria, Capecci Marianna, Ceravolo Maria Gabriella (Ancona). Efficacia della vibrazione focale a 100 hz sull'ipertonico dell'arto superiore in soggetti con esiti cronici post-ictus. 44 Congresso Nazionale Medicina Fisica e Riabilitativa, SIMFER, Bari, The Nicolaus Hotel 23-26 October 2016
- A. Marinella, F. Morgante, E. Andrenelli, C. Allegra, C. Terranova, P. Girlanda, M. Tinazzi. Pain threshold and pain tolerance in functional and idiopathic dystonia. XLVII Congresso SIN. Venezia, 22-25 October 2016.
- Andrenelli Elisa, Morgante Francesca, Marinella Angela, Allegra Cosimo, Terranova Carmen, Girlanda Paolo and Tinazzi Michele. PAIN PROCESSING IN FUNCTIONAL AND IDIOPATHIC DYSTONIA. 3° Congresso Accademia LIMPE-DISMOV Verona. 17-19 May 2017.
- Elisa Andrenelli, Marianna Capecci, Laura Di Biagio, Lucia Pepa, Luca Lucarelli, Chiara Spagnuolo, Paolo Guidoni, Paolo Serafini, Francesca Morgante, Maria Gabriella Ceravolo Effetto di un robotic gait training, mediante G-EO system, sul cammino e sulla plasticità cerebrale in soggetti con Malattia di Parkinson e freezing della marcia farmaco-resistente. XVIII Congresso Nazionale SIRN - Trieste, 5-7 April 2018
- Lucia Pepa, Elisa Andrenelli, Laura Di Biagio, Lucio Ciabattini, Luca Spalazzi, Maria Gabriella Ceravolo, Marianna Capecci. Affidabilità di un monitoraggio domiciliare del freezing del cammino mediante un'architettura che utilizza smartphones in soggetti con malattia di Parkinson. XVIII Congresso Nazionale SIRN - Trieste, 5-7 April 2018
- Martina Pigliapoco, Elisa Andrenelli, Elisa Baldoni, Rossella Cima, Mara Fabri, Gabriele Polonara, Marianna Capecci, Maria Gabriella Ceravolo. tDCS catodica sulla corteccia parietale e mirror therapy migliorano la destrezza in un caso di distonia focale secondaria dell'arto superiore. XVIII Congresso Nazionale SIRN - Trieste, 5-7 April 2018
- Elisa Andrenelli, Marianna Capecci, Laura Di Biagio, Lucia Pepa, Luca Lucarelli, Paolo Serafini, Francesca Morgante, Maria Gabriella Ceravolo SHAPING SENSORIMOTOR PLASTICITY THROUGH ROBOTIC GAIT TRAINING WITH G-EO SYSTEM IN PARKINSON'S DISEASE. Esprn 2018 – 01-06 May 2018, Vilnius, Lithuania. (The Jury of the UEMS Section and BOARD of Physical and Rehabilitation Medicine decided to grant the special mention to Elisa Andrenelli for this presentation)
- Elisa Andrenelli, Marianna Capecci, Maria Gabriella Ceravolo, Paolo Girlanda, Francesca Morgante. KinesioTaping improves pain and modulates somatosensory processing in Cervical Dystonia. 4° Congresso dell'Accademia LIMPE-DISMOV, Roma, 24 - 26 May 2018 (Winner of the award for the scientific contribution by the Italian association for dystonia research)

- Lucia Ricciardi, E. Andrenelli, B. Demartini, J.C. Macedo, F. Morgante, A. Marotta, M. Fiorio, M. Tinazzi, M.J. Edwards. Decision-making and impulsivity in patients with functional neurological disorders and with obsessive compulsive disorders. 4° Congresso dell'Accademia LIMPE-DISMOV, Roma, 24 - 26 May2018
- M. Capecci, Elisa Andrenelli, M. Hibel, L. Latini, M. Grugnetti, M. Pennacchioni, M.G. Ceravolo. Looking for the optimal dose in outpatient rehabilitation of people with Parkinson's disease. A retrospective cohort study. 4° Congresso dell'Accademia LIMPE-DISMOV, Roma, 24 - 26 May2018
- MG Ceravolo, E Andrenelli, C.Orni, L.Di Biagio, M. Capecci. Exercise-driven neuroplasticity in neurological disorders. 12th International Society of Physical and Rehabilitation Medicine . ISPRM 2018. Paris, July 8-12, 2018.
- M. Pigliapoco E.Andrenelli, E.Baldoni, R.Cima, M.Fabri, G Polonara, M.Capecci, MG Ceravolo. Cathodal tDCS pf the parietal cortex combined with mirror therapy improved hand dexterity in a case of focal dystonia. 12th International Society of Physical and Rehabilitation Medicine . ISPRM 2018. Paris, July 8-12, 2018
- Elisa Andrenelli, Marianna Capecci, Laura Di Biagio, Lucia Pepa, Luca Lucarelli, Paolo Serafini, Francesca Morgante, Maria Gabriella Ceravolo. Improving gait function and sensorimotor brain plasticity through robotic gait training with G-EO system in Parkinson's Disease. 12th International Society of Physical and Rehabilitation Medicine . ISPRM 2018. Paris, July 8-12, 2018
- M. Capecci, E. Andrenelli, M. Hibel, L. Latini, M. Grugnetti, M. Pennacchioni, M.G. Ceravolo. The ROLE OF TRAINING INTENSITY IN OUTPATIENT REHABILITATION OF PEOPLE WITH PARKINSON'S DISEASE: A RETROSPECTIVE COHORT STUDY OF DISABILITY PROGRESSION WITH 4-MONTH FOLLOW-UP. 12th International Society of Physical and Rehabilitation Medicine . ISPRM 2018. Paris, July 8-12, 2018
- Andrenelli E, Capecci M, Ceravolo MG, Girlanda P, Morgante F. KINESIOTAPING IMPROVES FUNCTION, PAIN AND MODULATES SOMATOSENSORY PROCESSING IN A SERIES OF SUBJECTS SUFFERING FROM CERVICAL DYSTONIA. 12th International Society of Physical and Rehabilitation Medicine . ISPRM 2018. Paris, July 8-12, 2018
- Lucia Pepa, Elisa Andrenelli, Laura Di Biagio, Lucio Ciabattoni, Luca Spalazzi, Maria Gabriella Ceravolo, Marianna Capecci. Reliability of a smartphone-based home monitoring of Freezing of gait in subjects with Parkinson's disease. 12th International Society of Physical and Rehabilitation Medicine . ISPRM 2018. Paris, July 8-12, 2018
- Sabrina Siliquini, Liliana Porfiri, Elisa Andrenelli, Nelia Zamponi. NEUROPSICHIATRIA INFANTILE ANCONA: LA NOSTRA ESPERIENZA CON SPINRAZA. Convegno Nazionale SMA 2018 - Famiglie SMA Famiglie SMA. Holiday Inn Eur Parco dei Medici Roma, 8 e 9 settembre 2018.
- Elisa Andrenelli, P. Serafini. Evidenze di exercise-driven plasticity - training con GE-O System nella Malattia di Parkinson. XLVI Congresso nazionale SIMFER. Ancona 20-23 Settembre 2018
- Luca Latini, Marianna Capecci, Martina Grugnetti, Margherita Hibel, Mauro Pennacchioni, Elisa Andrenelli, Maria Gabriella Ceravolo. Studio retrospettivo di coorte volto alla ricerca dell'intensità ottimale di riabilitazione ambulatoriale per ridurre la progressione della disabilità correlata alla Malattia di Parkinson. XLVI Congresso nazionale SIMFER. Ancona 20-23 Settembre 2018.
- Chiara Orni, Elisa Andrenelli, Antonello Morgantini, Lorena Catena, Loretta Bacci, Marianna Capecci, Maria Gabriella Ceravolo. Training con EKS0 nella Sclerosi

Multipla: effetti sul cammino e sulla plasticità sensori motoria. XLVI Congresso nazionale SIMFER. Ancona 20-23 Settembre 2018.

- Andrenelli E, Capecci M, Ceravolo MG, Luparello EM, Pigliapoco M, Polonara G, Ricciuti RA, Scerrati M. Fattori predittivi del recupero funzionale globale e del cammino dopo stimolazione subtalamica bilaterale nella Malattia di Parkinson nel medio e nel lungo termine: ruolo dell'atrofia cerebrale e della vasculopatia. 67° Congresso Nazionale SINCH. Ancona 19-21 Settembre 2018.

**MEMBERSHIP
IN SCIENTIFIC SOCIETIES**

**IS COLLABORATING TO
THE FOLLOWING
SCIENTIFIC RESEARCH**

- SIRN: Italian Society of Neurological Rehabilitation
- SIMFER: Italian Society of Physical Medicine and Rehabilitation
- Member of Board "Gait analysis and movement disorder rehabilitation" special session of Italian Society of Neurological Rehabilitation
- LIMPE-DISMOV
- REASON: Multicentre observational study: "Italian study in Therapy Management in Parkinson's Disease: motor, non-motor adherence and quality of life factors" starting date January 2010 - ongoing , supported by Boehringer-Ingelheim)
- ICARUS: Italian Multicentre observational study: "Impulse Control disorders and the association of neuropsychiatric symptoms, cognition and quality of life in Parkinson's disease" starting date: April 2011- ongoing, supported by UBC.
- ABBVIE M12-927: An Open-label, Randomized 26-Week Study Comparing Levodopa-Carbidopa Intestinal Gel (LCIG) Therapy to Optimized Medical Treatment (OMT) on Non-Motor Symptoms (NMS) in Subjects With Advanced Parkinson's Disease - INSIGHTS Study
- ABBVIE M15-535: An Open-label, Randomized 12 Week Study Comparing Efficacy of Levodopa-Carbidopa Intestinal Gel/Carbidopa-Levodopa Enteral Suspension and Optimized Medical Treatment on Dyskinesia in Subjects with Advanced Parkinson's Disease DYSCOVER (DYskinesia COMparative interventional trial on Duodopa VERSus oral medication)
- Intec Pharma_Accordance IN 11 004

I authorize the use of my personal data in compliance with D.Lgs. 196/2003

Ancona, 15th April 2019