

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name **ANDREA TUROLLA**  
Address **VIA ALBERONI, 70 - 30126 VENEZIA (VE) (office)**  
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E-mail [andrea.turolla@ospedalesancamillo.net](mailto:andrea.turolla@ospedalesancamillo.net) ; [andrea.turolla@unipd.it](mailto:andrea.turolla@unipd.it) ; [andreaturolla79@gmail.com](mailto:andreaturolla79@gmail.com)  
Nationality Italian  
Date of birth 24<sup>TH</sup> NOVEMBER 1979

WORK EXPERIENCE

- Dates (from January 2011 – ongoing)  
• Name and address of employer  
• Type of business or sector  
• Occupation or position held  
• Main activities and responsibilities  
Officer of the institutional research line “Innovative technologies and rehabilitation” and Head of the “Neurorehabilitation Technologies Laboratory”  
Fondazione Ospedale San Camillo - I.R.C.C.S.  
Via Alberoni 70 - 30126 Venezia  
Neurorehabilitation hospital / Research centre for neurorehabilitation  
Head of Laboratory; PT coordinator  
Sustaining and development of the scientific production of the current research line; grant acquisition; researcher enrolling; trial design and running; development and clinical testing of technological devices for rehabilitation
  
- Dates (from November 2005 – to December 2010)  
• Name and address of employer  
• Type of business or sector  
• Occupation or position held  
• Main activities and responsibilities  
Physical Therapist  
Fondazione Ospedale San Camillo - I.R.C.C.S.  
Via Alberoni 70 - 30126 Venezia  
Neurorehabilitation hospital / Research centre for neurorehabilitation  
PT  
Clinical activities in the Units:
  - TBI rehabilitation,
  - Stroke rehabilitation
  - Neurological Degenerative Disease rehabilitation
  - Parkinson Disease rehabilitationResearch activities related to the clinical trial run in the hospital.
  
- Dates (from March to November 2005)  
• Name and address of employer  
• Type of business or sector  
• Occupation or position held  
• Main activities and responsibilities  
Physical Therapist  
I.R.C.C.S. “Eugenio Medea” Polo Scientifico di Conegliano - Pieve di Soligo  
Via Monte Grappa 96 - 31053 Pieve di Soligo (TV)  
Neurorehabilitation hospital / Research centre for neurorehabilitation  
PT  
Clinical activities in the Unit:

- TBI rehabilitation,

Research activities related to assessment for delivery of special driving license to people with disability.

- Dates (from April 2004 – to October 2005)

- Name and address of employer

- Type of business or sector
- Occupation or position held

- Main activities and responsibilities

- Dates (from July 2003 – to February 2004)

- Name and address of employer

- Type of business or sector
- Occupation or position held

- Main activities and responsibilities

Physical therapist freelance

Centro di Medicina S.r.L. V.le Venezia, 91 - 31015 - Conegliano (TV); Blue Medical Center S.r.L. v. Nazionale, 28 - 31010 Godega Di Sant'Urbano (TV)

Private Office

PT

Clinical practice on musculoskeletal patients

Physical therapist

CEMES S.r.L

Via G. Boccaccio, 106 (località S. Gregorio Magno) - Padova

Private Office

PT

Clinical practice on musculoskeletal and neurological patients

## Teaching Experience

- Dates (from 2007 – ongoing)

- Name and address of employer

- Type of business or sector
- Occupation or position held

- Main activities and responsibilities

- Dates (from 2009 – ongoing)

- Name and address of employer

- Type of business or sector
- Occupation or position held

- Main activities and responsibilities

- Dates (from 2012 – ongoing)

- Name and address of employer

- Type of business or sector
- Occupation or position held

- Main activities and responsibilities

- Dates (from 2012 – ongoing)

- Name and address of employer

- Type of business or sector
- Occupation or position held

- Main activities and responsibilities

Clinical Tutor

1<sup>st</sup> level Master in Rehabilitation of Musculoskeletal Disorders, University of Genova

Education

PT

Clinical practice of manual therapy on musculoskeletal patients

Professor with annual appointment

Master in Rehabilitation of Musculoskeletal Disorders, University of Genova

Education

PT

"Theory, methodology and clinical practice of manual therapy for the lumbopelvic district"

Professor with annual appointment

Bachelor in "Physiotherapy", University of Padova

Education

PT

"Therapeutic relationship" (2012-13), 1<sup>st</sup> year, CFU = 2; "Kinesiotherapy" (2012-14), 2<sup>nd</sup> year, CFU = 2; "Professional Practice for Neurological Rehabilitation – Special Part" (2013 – ongoing), 3<sup>rd</sup> year, CFU = 4

Professor with annual appointment

Master of Science in "Rehabilitative Sciences for Health Professions", University of Verona

Education

PT

"Advanced Methodologies for Specialised Rehabilitative Assessment", 1<sup>st</sup> year, CFU = 2

## EDUCATION AND TRAINING

- Dates (27<sup>th</sup> February 2017)

- Name and type of organisation providing education and training

Doctor of Philosophy in "Neuroscience"

Medical School, Department of Neuroscience, The University of Sheffield (UK)

- Principal subjects/occupational skills covered  
• Title of qualification awarded  
A clinical and neuroimaging approach to the evaluation of virtual reality efficacy for upper limb recovery after stroke.  
PhD
- Dates (4<sup>th</sup> November 2009 – 2<sup>nd</sup> March 2010)  
• Name and type of organisation providing education and training  
• Principal subjects/occupational skills covered  
Advanced course on systematic reviews and meta-analysis for the development of evidence-based guidelines (Cochrane methodology)  
University of the study of Milano  
Inter-university Centre Thomas Chalmers  
Italian Cochrane Centre (ICC)  
To assess the best effective treatments and care for the patients, developing systematic reviews and meta-analysis by means of the critical appraisal of the scientific literature. To promote a rational application of the clinical guidelines orienting the decision maker also by means of the Health Technology Assessment (HTA).
- Dates (14<sup>th</sup> September 2007)  
• Name and type of organisation providing education and training  
• Principal subjects/occupational skills covered  
• Title of qualification awarded  
• Level in national classification  
Master of Science Degree in “Rehabilitation Health Professional Science”  
University of the Study of Padova  
  
Academic education; scientific research; professional management  
Dr. Mag. (MSc)  
110/110
- Dates (30<sup>th</sup> August 2005)  
• Name and type of organisation providing education and training  
• Principal subjects/occupational skills covered  
• Title of qualification awarded  
• Level in national classification  
Master in “Rehabilitation of Musculoskeletal Diseases”  
University of the Study of Genova  
  
Manual therapy and assessment of the patients following the International Classification for Functioning (ICF)  
Ortophaedic Manipulative Physical Therapist – OMPT  
110/110 cum laude
- Dates (18<sup>th</sup> November 2002)  
• Name and type of organisation providing education and training  
• Principal subjects/occupational skills covered  
• Title of qualification awarded  
• Level in national classification  
Bachelor in “Physical Therapy”  
University of the Study of Padova  
  
PT professional qualification  
Dr. PT (BSc)  
106/110

## **PERSONAL SKILLS AND COMPETENCES**

### **MOTHER TONGUE**

**ITALIAN**

### **OTHER LANGUAGES**

#### **ENGLISH**

- Reading skills 7.5 /10 (IELTS ACADEMIC)
- Writing skills 6.0 /10 (IELTS ACADEMIC)
- Listening skills 7.0 /10 (IELTS ACADEMIC)
- Speaking skills 6.5/10 (IELTS ACADEMIC)

#### **SPANISH**

- Reading skills GOOD
- Writing skills BASIC
- Speaking skills BASIC

SOCIAL SKILLS  
AND COMPETENCES

- WORLD CONFEDERATION FOR PHYSICAL THERAPISTS (WCPT) – MEMBER
- INTERNATIONAL NEUROLOGICAL PHYSICAL THERAPISTS ASSOCIATION (INPA), SPECIAL INTEREST GROUP OF WCPT – DIRECTIVE COMMITTEE
- ITALIAN ASSOCIATION OF PHYSICAL THERAPIST (AIFI) – MEMBER
- ITALIAN SOCIETY OF NEUROLOGICAL REHABILITATION (SIRN) – MEMBER; PHYSICAL THERAPISTS' NATIONAL REPRESENTATIVE, 2010-2014
- WORLD FEDERATION OF NEUROREHABILITATION (WFNR) – MEMBER
- ITALIAN SOCIETY OF PHYSIOTHERAPY (SIF) – CHARTER MEMBER
- ARCHIVES OF PHYSIOTHERAPY (FORMERLY ITALIAN JOURNAL OF PHYSIOTHERAPY – EDITORIAL BOARD
- SCIENZA RIABILITATIVA –EDITORIAL BOARD

TO WORK IN MULTIDISCIPLINARY AND MULTICULTURAL ENVIRONMENT; TO APPLY CRITICALLY PERSONAL COMPETENCES WITH THE AIM TO ACHIEVE INNOVATIVE FINDINGS, APPROACHES AND PATENT.

ORGANISATIONAL SKILLS  
AND COMPETENCES

**CLINICAL AND SCIENTIFIC TUTORSHIP OF UNIVERSITY STUDENTS AND CHARTERED PHYSIOTHERAPISTS;  
THESES SUPERVISOR.**

**PRINCIPAL INVESTIGATOR IN NATIONAL FUNDED PROJECTS:**

- "MODULARITY FOR SENSORY MOTOR CONTROL: IMPLICATIONS OF MUSCLES SYNERGIES IN MOTOR RECOVERY AFTER STROKE." (GRANT N° GR-2011-02348942: 774.178,06 €)

**PRINCIPAL INVESTIGATOR IN EU FUNDED PROJECTS:**

- "IHC – INTEGRATED HOMECARE" (FP7-HEALTH-2009, GRANT N° 222954: 2.159.996,00 €)  
- "MYOSENS - MYOELECTRIC INTERFACING WITH SENSORY-MOTOR INTEGRATION" (FP7-PEOPLE-2011-IAPP, MARIE CURIE ACTION, GRANT N° 286208: 1.728.666,00 €)

**WP LEADER (ITALIAN MOH RESEARCH PROJECTS):**

- "PLANAR HAPTIC DEVICE AND VIRTUAL REALITY TOOLS FOR HAND AND FINGER REHABILITATION."  
(GRANT N° RF-2010-2303748: 300.000,00 €)  
- "PREDICTION AND PREVENTION OF FALLS IN SUBJECTS SUFFERING FROM NEUROLOGICAL DISEASES"  
(GRANT N° RF-2010-2318552: 315.800,00 €)

**WITHIN INPA BOARD: LEADER FOR COLLABORATION WITH THE OFFICIAL JOURNAL OF INPA:  
JOURNAL OF NEUROLOGIC PHYSICAL THERAPY (JNPT; IF = 2.524)**

**WITHIN SIG FOR NEUROSCIENCE – AIFI BOARD: PROXY FOR INTERNATIONAL AFFAIRS**

**CONGRESS ORGANISATION:**

- 3<sup>rd</sup> National Congress of the Special Interest Group for Neuroscience – Associazione Italiana Fisioterapisti (AIFI). "Fisioterapia Neurologica: Attualità e Prospettive". Venice (Italy), 16th December 2017  
- International Workshop: "Translating Motor Control Principles to Practical Applications in Neurological Rehabilitation". Rome (Italy), 11<sup>th</sup> October 2017  
- 1<sup>st</sup> International Neurophysiotherapy Conference of the International Association for Neurological Physical Therapy Association (INPA): "Evidence into Practice". London (UK), 17<sup>th</sup> - 18<sup>th</sup> March 2016  
- National Event of the Special Interest Group for Neuroscience – Associazione Italiana Fisioterapisti (AIFI). "Apprendimento Motorio ed Esercizio Terapeutico". Bologna (Italy), 12th December 2015  
- International WORKSHOP: "TRANSLATIONAL ASPECTS IN CLOSED LOOP CLINICAL PROSTHETICS". GOTTINGEN (GERMANY), 10<sup>th</sup> June 2015  
- Satellite Event of the 8<sup>th</sup> World Congress for Neurorehabilitation (WCNR): "International Workshop on Muscle Synergies". Venice (Italy), 4<sup>th</sup> - 5<sup>th</sup> April 2014  
- WORKSHOP: "IL FKT NELLA GESTIONE DEL PAZIENTE NEUROLOGICO NELLA CRONICITÀ". MILANO (Italy), 3rd May 2012

TECHNICAL SKILLS  
AND COMPETENCES

SENSORS AND SWITCHES ERGONOMICS  
BRAIN COMPUTER INTERFACE (BCI)  
DOMOTICS  
VIRTUAL REALITY AND ROBOTICS DEVICES FOR MOTOR REHABILITATION  
SURFACE ELECTROMYOGRAPHY (SEMG)  
MOTION ANALYSIS

IN WINDOWS AND LINUX ENVIRONMENT:

- PROFESSIONAL MS OFFICE™
- SPSS; STATA; RSTUDIO (STATISTICS)
- REFERENCE MANAGER; ENDNOTE; MENDELEY (REFERENCE MANAGEMENT)
- REVIEW MANAGER 5; GRADEPROFILER (META-ANALYSIS, CLINICAL EVIDENCE)
- MRICRO; SPM8; SFL (ADVANCED NEUROIMAGING)
- MATLAB (APPLIED COMPUTING)

DRIVING LICENCE(S)

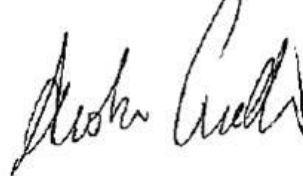
A and B (Italy)

**ANNEXES**

1. SCIENTIFIC ACTIVITY

Venice, 8<sup>th</sup> October 2019

Andrea Turolla



## Annex 1. Scientific Activity

Andrea Turolla  
h index = 17

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Loop Profile: 89137 <https://loop.frontiersin.org/people/89137/overview>

Researcher ID: K-7599-2016

### JOURNALS

1. CATTANEO D, GERVASONI E, PUPILLO E, BIANCHI E, APRILE I, IMBIMBO I, RUSSO R, CRUCIANI A, TUROLLA A, JONSDOTTIR J, AGOSTINI M, BEGHI E; NEUROFALL GROUP. EDUCATIONAL AND EXERCISE INTERVENTION TO PREVENT FALLS AND IMPROVE PARTICIPATION IN SUBJECTS WITH NEUROLOGICAL CONDITIONS: THE NEUROFALL RANDOMIZED CONTROLLED TRIAL. FRONT NEUROL. 2019 SEP 13;10:865. DOI: 10.3389/FNEUR.2019.00865.
2. FALSIROLI MAISTRELLO L, RAFANELLI M, TUROLLA A. MANUAL THERAPY AND QUALITY OF LIFE IN PEOPLE WITH HEADACHE: SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS. CURR PAIN HEADACHE REP. 2019 AUG 10;23(10):78. DOI: 10.1007/s11916-019-0815-8.
3. GIANOLA S, CASTELLINI G, ANDREANO A, CORBETTA D, FRIGERIO P, PECORARO V, REDAELLI V, TETTAMANTI A, TUROLLA A, MOJA L, VALSECCHI MG. EFFECTIVENESS OF TREATMENTS FOR ACUTE AND SUB-ACUTE MECHANICAL NON-SPECIFIC LOW BACK PAIN: PROTOCOL FOR A SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS. SYST REV. 2019 AUG 8;8(1):196. DOI: 10.1186/s13643-019-1116-3.
4. KIPER P, TUROLLA A. UPDATES AND COMMENTS ON: INFLUENCE OF TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION ON SPASTICITY, BALANCE, AND WALKING SPEED IN STROKE PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS. J REHABIL MED. 2019 APR 1;51(4):317-318. DOI: 10.2340/16501977-2538.
5. MAZUREK J, KIPER P, CIEŚLIK B, RUTKOWSKI S, MEHLICH K, TUROLLA A, SZCZEPAŃSKA-GIERACHA J. VIRTUAL REALITY IN MEDICINE: A BRIEF OVERVIEW AND FUTURE RESEARCH DIRECTIONS. HUMAN MOVEMENT. 2019;20(3):16-22. DOI:10.5114/HM.2019.83529.
6. GUZIK A, DRUŻBICKI M, MAISTRELLO L, TUROLLA A, AGOSTINI M, KIPER P. RELATIONSHIP BETWEEN OBSERVATIONAL WISCONSIN GAIT SCALE, GAIT DEVIATION INDEX, AND GAIT VARIABILITY INDEX IN INDIVIDUALS POSTSTROKE. ARCH PHYS MED REHABIL. 2019 JAN 26. PII: S0003-9993(19)30015-2. DOI: 10.1016/J.APMR.2018.12.031.
7. MANTOAN A, LAI S, MORO L, BARDELLI AP, UGAZZI M, TUROLLA A, ASCARI L. (2019) A PRELIMINARY STUDY ON QUANTITATIVE ASSESSMENT OF FUNCTIONAL TASKS ON STROKE PATIENTS USING A NOVEL WEARABLE PLATFORM. IN: MASIA L., MICERA S., AKAY M., PONS J. (EDS) CONVERGING CLINICAL AND ENGINEERING RESEARCH ON NEUROREHABILITATION III. ICNR 2018. BIOSYSTEMS & BIORBOTICS, VOL 21. SPRINGER, CHAM
8. TUROLLA A, VENNERI A, FARINA D, CAGNIN A, CHEUNG VCK. REHABILITATION INDUCED NEURAL PLASTICITY AFTER ACQUIRED BRAIN INJURY. NEURAL PLAST. 2018 MAY 10;2018:6565418. DOI: 10.1155/2018/6565418.
9. KIPER P, SZCZUDLIK A, AGOSTINI M, OPARA J, NOWOBILSKI R, VENTURA L, TONIN P, TUROLLA A. VIRTUAL REALITY FOR UPPER LIMB REHABILITATION IN SUB-ACUTE AND CHRONIC STROKE: A RANDOMIZED CONTROLLED TRIAL. ARCH PHYS MED REHABIL. 2018 FEB 14. PII: S0003-9993(18)30099-6. DOI: 10.1016/J.APMR.2018.01.023. [EPUB AHEAD OF PRINT]
10. BEGHI E, GERVASONI E, PUPILLO E, BIANCHI E, MONTESANO A, APRILE I, AGOSTINI M, ROVARIS M, CATTANEO D; NEUROFALL GROUP. PREDICTION OF FALLS IN SUBJECTS SUFFERING FROM PARKINSON DISEASE, MULTIPLE SCLEROSIS, AND STROKE. ARCH PHYS

MED REHABIL. 2018 APR;99(4):641-651. DOI: 10.1016/J.APMR.2017.10.009. EPUB 2018 FEB 1.

11. OBOE R, TONIN A, YU K, OHNISHI K, TUROLLA A. WEIGHT ESTIMATION SYSTEM USING SURFACE EMG ARMBAND. 2017 IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL TECHNOLOGY (ICIT), TORONTO, ON, 2017, PP. 688-693. DOI: 10.1109/ICIT.2017.7915442
12. ENRICH C, BATTEL I, ZANETTI C, KOCH I, VENTURA L, PALMER K, MENEGHELLO F, PICCIONE F, ROSSI S, LAZZERI M, SOMMARIVA M, TUROLLA A. CLINICAL CRITERIA FOR TRACHEOSTOMY DECANNULATION IN SUBJECTS WITH ACQUIRED BRAIN INJURY. RESPIR CARE. 2017 OCT;62(10):1255-1263. DOI: 10.4187/RESPCARE.05470. EPUB 2017 JUL 11.
13. OBOE R, TONIN A, YUK , OHNISHI K, TUROLLA A. ROBOTIC FINGER REHABILITATION SYSTEM FOR STROKE PATIENT USING SURFACE EMG ARMBAND. IECON 2016 - 42ND ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY, FLORENCE, 2016, PP. 785-790. DOI: 10.1109/IECON.2016.7793467
14. GIANOLA S, FRIGERIO P, AGOSTINI M, BOLOTTA R, CASTELLINI G, CORBETTA D, GASPARINI M, GOZZER P, GUARIENTO E, LI LC, PECORARO V, SIRTORI V, TUROLLA A, ANDREANO A, MOJA L. COMPLETENESS OF OUTCOMES DESCRIPTION REPORTED IN LOW BACK PAIN REHABILITATION INTERVENTIONS: A SURVEY OF 185 RANDOMIZED TRIALS. PHYSIOTHER CAN. 2016;68(3):267-274.
15. POLLI A, WEIS L, BIUNDO R, THACKER M, TUROLLA A, KOUTSIKOS K, CHAUDHURI KR, ANTONINI A. ANATOMICAL AND FUNCTIONAL CORRELATES OF PERSISTENT PAIN IN PARKINSON'S DISEASE. MOV DISORD. 2016 DEC;31(12):1854-1864. DOI: 10.1002/mds.26826.
16. KIPER P, SZCZUDLIK A, VENNERI A, STOZEK J, LUQUE-MORENO C, OPARA J, BABA A, AGOSTINI M, TUROLLA A. COMPUTATIONAL MODELS AND MOTOR LEARNING PARADIGMS: COULD THEY PROVIDE INSIGHTS FOR NEUROPLASTICITY AFTER STROKE? AN OVERVIEW. J NEUROL SCI. 2016 OCT 15;369:141-8. DOI: 10.1016/J.JNS.2016.08.019
17. TAMBURIN S, LACERENZA MR, CASTELNUOVO G, AGOSTINI M, PAOLUCCI S, BARTOLO M, BONAZZA S, FEDERICO A, FORMAGLIO F, GIUSTI EM, MANZONI GM, MEZZAROBBA S, PIETRABISSA G, POLLI A, TUROLLA A, SANDRINI G; ITALIAN CONSENSUS CONFERENCE ON PAIN IN NEUROREHABILITATION (ICCPN). PHARMACOLOGICAL AND NON-PHARMACOLOGICAL STRATEGIES IN THE INTEGRATED TREATMENT OF PAIN IN NEUROREHABILITATION. EVIDENCE AND RECOMMENDATIONS FROM THE ITALIAN CONSENSUS CONFERENCE ON PAIN IN NEUROREHABILITATION. EUR J PHYS REHABIL MED. 2016 OCT;52(5):741-752.
18. POLLI A, MOSELEY LG, GIOIA E, BEAMES T, BABA A, AGOSTINI M, TONIN P, TUROLLA A. GRADED MOTOR IMAGERY FOR PATIENTS WITH STROKE: A NON-RANDOMISED CONTROLLED TRIAL OF A NEW APPROACH. EUR J PHYS REHABIL MED. 2016 JUL 21.
19. GIANOLA S, CASTELLINI G, AGOSTINI M, BOLOTTA R, CORBETTA D, FRIGERIO P, GASPARINI M, GOZZER P, GUARIENTO E, LI LC, PECORARO V, SIRTORI V, TUROLLA A, ANDREANO A, MOJA L. REPORTING OF REHABILITATION INTERVENTION FOR LOW BACK PAIN IN RANDOMIZED CONTROLLED TRIALS: IS THE TREATMENT FULLY REPLICABLE? SPINE (PHILA PA 1976). 2016 MAR;41(5):412-8. DOI: 10.1097/BRS.0000000000001290.
20. CHEUNG VC, DEVARAJAN K, SEVERINI G, TUROLLA A, BONATO P. DECOMPOSING TIME SERIES DATA BY A NON-NEGATIVE MATRIX FACTORIZATION ALGORITHM WITH TEMPORALLY CONSTRAINED COEFFICIENTS. CONF PROC IEEE ENG MED BIOL SOC. 2015 AUG; 2015: 3496-9. DOI: 10.1109/EMBC.2015.7319146.
21. LUQUE-MORENO C, OLIVA-PASCUAL-VACA A, KIPER P, RODRÍGUEZ-BLANCO C, AGOSTINI M, TUROLLA A. VIRTUAL REALITY TO ASSESS AND TREAT LOWER EXTREMITY DISORDERS IN POST-STROKE PATIENTS. METHODS INF MED. 2016 JAN 8;55(1):89-92. DOI: 10.3414/ME14-02-0020. EPUB 2015 DEC 10.

22. AGOSTINI M, MOJA L, BANZI R, PISTOTTI V, TONIN P, VENNERI A, TUROLLA A. TELEREHABILITATION AND RECOVERY OF MOTOR FUNCTION: A SYSTEMATIC REVIEW AND META-ANALYSIS. J TELEMED TELE CARE. 2015 JUN;21(4):202-13.
23. TUROLLA A, PIRON L, GASPARETTO T, AGOSTINI M, JORGENSEN HR, TONIN T, LARSEN T. TELEREHABILITATION FOR STROKE PATIENTS: AN OVERVIEW OF REVIEWS. JOURNAL OF ACCESSIBILITY AND DESIGN FOR ALL. 2014: 69-80.
24. AGOSTINI M, GARZON M, BENAVIDES-VARELA S, DE PELLEGRIN S, BENCINI G, ROSSI G, ROSADONI S, MANCUSO M, TUROLLA A, MENEGHELLO F, TONIN P. TELEREHABILITATION IN POSTSTROKE ANOMIA. BIOMED RES INT. 2014; 2014: 706909. DOI: 10.1155/2014/706909. EPUB 2014 APR 15.
25. KIPER P, AGOSTINI M, LUQUE-MORENO C, TONIN P, TUROLLA A. REINFORCED FEEDBACK IN VIRTUAL ENVIRONMENT FOR REHABILITATION OF UPPER EXTREMITY DYSFUNCTION AFTER STROKE: PRELIMINARY DATA FROM A RANDOMIZED CONTROLLED TRIAL. BIOMED RES INT. 2014; 2014: 752128.
26. TUROLLA A, DAUD ALBASINI OA, OBOE R, AGOSTINI M, TONIN P, PAOLUCCI S, SANDRINI G, VENNERI A, PIRON L. HAPTIC-BASED NEUROREHABILITATION IN POSTSTROKE PATIENTS: A FEASIBILITY PROSPECTIVE MULTICENTRE TRIAL FOR ROBOTICS HAND REHABILITATION. COMPUT MATH METHODS MED. 2013; 2013: 895492. DOI: 10.1155/2013/895492. EPUB 2013 NOV 12.
27. SILVONI S, CAVINATO M, VOLPATO C, CISOTTO G, GENNA C, AGOSTINI M, TUROLLA A, RAMOS-MURGUIALDAY A, PICCIONE F. KINEMATIC AND NEUROPHYSIOLOGICAL CONSEQUENCES OF AN ASSISTED-FORCE-FEEDBACK BRAIN-MACHINE INTERFACE TRAINING: A CASE STUDY. FRONT NEUROL. 2013 NOV 7;4:173. DOI: 10.3389/FNEUR.2013.00173.
28. TUROLLA A, DAM M, VENTURA L, TONIN P, AGOSTINI M, ZUCCONI C, KIPER P, CAGNIN A, PIRON L. VIRTUAL REALITY FOR THE REHABILITATION OF THE UPPER LIMB MOTOR FUNCTION AFTER STROKE: A PROSPECTIVE CONTROLLED TRIAL. J NEUROENG REHABIL. 2013 AUG 1;10:85. DOI: 10.1186/1743-0003-10-85.
29. GIANOLA S, GASPARINI M, AGOSTINI M, CASTELLINI G, CORBETTA D, GOZZER P, LI LC, SIRTORI V, TARICCO M, TETZLAFF JM, TUROLLA A, MOHER D, MOJA L. SURVEY OF THE REPORTING CHARACTERISTICS OF SYSTEMATIC REVIEWS IN REHABILITATION. PHYS THER. 2013 JUN 6.
30. TUROLLA A, PIRON L, GASPARETTO T, AGOSTINI M, JORGENSEN HR, TONIN T, LARSEN T. TELEREHABILITATION FOR STROKE PATIENTS: AN OVERVIEW OF REVIEWS. PROC. 9TH INTL CONF. DISABILITY, VIRTUAL REALITY & ASSOCIATED TECHNOLOGIES. 2012 ICDVRAT; ISBN 978-0-7049-1545-9.
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## BOOK CHAPTERS

1. TUROLLA A, BARTOLO M, INTISO D. "ANAMNESI E VALUTAZIONE FUNZIONALE". IN BARTOLO M, SANDRINI G, SMANIA N. "METODOLOGIA DELLA RIABILITAZIONE". ED. VERDUCI, 2016. ROMA. ISBN: 9788876209185
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3. VANTI C, TUROLLA A. "IL RECUPERO DELLA DESTREZZA E DELLE ABILITÀ". IN FERRARI S, PILLASTRINI P, VANTI C, TESTA M "RIABILITAZIONE POST-CHIRURGICA NEL PAZIENTE ORTOPEDICO", ED. ELSEVIER - MASSON, 2010. MILANO
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5. PIRINI M, BISI MC, TUROLLA A, AGOSTINI M, VIDALE D, FIORENTIN, A., PIRON, F. (2018) POSTURAL REHABILITATION WITHIN THE VRRS (VIRTUAL REALITY REHABILITATION SYSTEM) ENVIRONMENT. IN: SANDRINI G., HOMBERG V., SALTUARI L., SMANIA N., PEDROCCHI A. (EDS) ADVANCED TECHNOLOGIES FOR THE REHABILITATION OF GAIT AND BALANCE DISORDERS. BIOSYSTEMS & BIOROBOTICS, VOL 19. SPRINGER, CHAM

## BOOK TRANSLATIONS

1. CLAY JH, POUNDS DM "FONDAMENTI CLINICI DELLA MASSOTERAPIA – ANATOMIA INTEGRATA E TRATTAMENTO", 2009, ED. PICCIN. PADOVA
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## INVITED SPEAKER

1. CONGRESS: ASPETTI INNOVATIVI NELLA TERAPIA, ASSISTENZA E RIABILITAZIONE DELL'ICTUS EMORRAGICO. SPEECH: "L'ESERCIZIO IN REALTÀ VIRTUALE". SAN PELLEGRINO TERME (ITALY), 27TH SEPTEMBER 2008
2. CONGRESS: "IX CONGRESSO NAZIONALE SIRN". SPEECH: "L'IMPATTO DELLE TECNOLOGIE AVANZATE IN NEURORIABILITAZIONE: DISPOSITIVI PER ARTO SUPERIORE TECNOLOGIE PER LA REALTÀ VIRTUALE". ROME (ITALY), 8TH MAY 2009
3. CONGRESS: "IL TRATTAMENTO RIABILITATIVO DELLE PERSONE COLPITE DA STROKE: LA CONTINUITÀ DELLA PRESA IN CURA". SPEECH: "LA TELERIABILITAZIONE". ARCO (ITALY), 5TH JUNE 2009
4. CONGRESS: "LA RIABILITAZIONE MOTORIA DOPO ICTUS: DALLE CONOSCENZE DI BASE ALLE APPLICAZIONI CLINICHE". SPEECH: "REALTÀ VIRTUALE". VENICE (ITALY), 6TH FEBRUARY 2010
5. CONGRESS: "FISIOTERAPIA E RIABILITAZIONE NEUROLOGICA: RAGIONAMENTO CLINICO, BEST PRACTICE E RAPPORTI INTERDISCIPLINARI". SPEECH: "REALTÀ VIRTUALE E ROBOTICA NEL RECUPERO DELLA FUNZIONALITÀ DELL'ARTO SUPERIORE". VICENZA (ITALY), 8TH MAY 2010
6. ITALIAN MINISTRY FOR INTERNATIONAL AFFAIRS (MAE): "ITALIAN-ISRAELI CONFERENCE ON HIGH-TECH AND RECOVERY FOR FUNCTION: NEW TECHNOLOGIES FOR REHABILITATION MEDICINE". SPEECH: "FROM COMPUTATIONAL NEUROSCIENCE TO VIRTUAL REALITY APPLICATIONS FOR NEUROREHABILITATION AND THE STUDY OF MOTOR SYSTEM". HAIFA (ISRAEL), 17<sup>TH</sup> -18<sup>TH</sup> OTTOBRE 2010

7. CONGRESS: "XI CONGRESSO NAZIONALE SIRN". SPEECH: "LA RIABILITAZIONE IN REALTÀ VIRTUALE: PROSPETTIVE DI IMPIEGO ED EVIDENZE DI EFFICACIA". VERONA (ITALY), 6TH MAY 2011
8. CONGRESS: "16TH INTERNATIONAL CONGRESS OF THE WORLD CONFEDERATION FOR PHYSICAL THERAPY". SPEECH: "IMPLEMENTATION OF A TELEREHABILITATION PROGRAM IN A EHSD MODEL OF CARE FOR PERSONS WITH A STROKE". AMSTERDAM (THE NETHERLANDS), 23<sup>RD</sup> JUNE 2011
9. CONGRESS: "XIII CONGRESSO NAZIONALE SIRN". SPEECH: "RELAZIONE TRA AREE CEREBRALI LESIONATE ED ATTIVAZIONE DELLE SINERGIE MUSCOLARI DELL'ARTO SUPERIORE IN PAZIENTI CON ESITI DI ICTUS". ORGANIZZAZIONE WORKSHOP: "VALIDITÀ DEGLI STRUMENTI DI VALUTAZIONE NELLE PATOLOGIE DI ORIGINE NEUROLOGICA". BARI (ITALY), 18TH -20TH APRIL 2013
10. COGNRESS: "LA RIABILITAZIONE NELLA SPASTICITÀ. STATO DELL'ARTE E NUOVE PROPOSTE". SPEECH: "LA FISIOTERAPIA NELLA SPASTICITÀ". CAVASO DEL TOMBA (ITALY), 4TH OCTOBER 2014
11. CONGRESS: "PHYSICAL THERAPY FOR PAIN MANAGEMENT: NEW PERSPECTIVES AND BEST PRACTICES". SPEECH: "REALTA' VIRTUALE: APPLICAZIONI CLINICHE E BASI NEUROFISIOLOGICHE". LECCE (ITALY), 9TH OCTOBER 2014
12. CONGRESS: "VALUTAZIONE E RIABILITAZIONE IN ESITI DI STROKE DALLE MISURE DI OUTCOME AGLI APPROCCI RIABILITATIVI". SPEECH: "FEEDBACK INTRINSECI ED ESTRINSECI". IMOLA (ITALY), 29TH NOVEMBER 2014
13. CONGRESS: "WORLD CONFEDERATION FOR PHYSICAL THERAPY CONGRESS 2015". SPEECH: "ROLE OF BDNF VAL66MET POLYMORPHISM ON NEUROANATOMY OF MOTOR RECOVERY AFTER STROKE". SINGAPORE, 4<sup>TH</sup> MAY 2015
14. CONGRESS: CORSO TEORICO-PRATICO SULLA RIABILITAZIONE DELL'ARTO SUPERIORE NEL PAZIENTE ADULTO AFFETTO DA CEREBROLESIONE ACQUISITA. SPEECH: "APPROCCI RIABILITATIVI "TRADIZIONALI": RAZIONALE E PRINCIPI DI TRATTAMENTO"; "APPROCCI INTEGRATI COGNITIVO-MOTORI". VERONA (ITALY), 4TH – 5TH JUNE 2015
15. CONGRESS: APPRENDIMENTO MOTORIO ED ESERCIZIO TERAPEUTICO. SPEECH: "REALTÀ VIRTUALE IN RIABILITAZIONE". BOLOGNA (ITALY), 12TH DECEMBER 2015
16. CONGRESS: "XVI CONGRESSO NAZIONALE SIRN. INTENSITÀ DI CURA E COMPLESSITÀ COME PARADIGMI DELLO SVILUPPO DELLA RIABILITAZIONE NEUROLOGICA". SPEECH: "SPECIFICITÀ DELLA RIABILITAZIONE CON NUOVE TECNOLOGIE DELL'ARTO SUPERIORE DOPO ICTUS". ASCOLI PICENO (ITALY), 8TH APRIL 2016
17. CONGRESS: "DALLE NEUROSCIENZE ALLA PRATICA CLINICA". SPEECH: "LE NEUROSCIENZE COME ANELLO DI CONGIUNZIONE TRA GLI AMBITI RIABILITATIVI". PADOVA (ITALY), 7TH MAY 2016
18. CONGRESS: "XVII CONGRESSO NAZIONALE SIRN". SPEECH: "INTERFACCE UOMO-MACCHINE: IMPLICAZIONI RIABILITATIVE PER IL RECUPERO FUNZIONALE". PISA (ITALY), 8TH APRIL 2017
19. CONGRESS: "22ND ANNUAL CONGRESS OF EUROACADEMIA MULTIDISCIPLINARIA NEUROTRAUMATOLOGICA (ENM)". SPEECH: "NEW TECHNOLOGIES IN POSTURAL INSTABILITY REHABILITATION". PAVIA (ITALY), 25TH MAY 2017

**TEACHING  
COURSE**

1. COURSE: "NUOVI APPROCCI TERAPEUTICI NELLE LESIONI DEL SISTEMA NERVOSO CENTRALE". LECTURE: "L'IMPATTO DELLE TECNOLOGIE AVANZATE IN NEURORIABILITAZIONE: ESPERIENZE CLINICHE". POGGIBONSI (ITALY), 3RD – 4TH DECEMBER 2009
2. COURSE: "I PRESUPPOSTI NEUROBIOLOGICI DEL RECUPERO MOTORIO E L'INDICAZIONE ALL'IMPIEGO DI NUOVE TECNICHE IN RIABILITAZIONE NEUROLOGICA". LECTURE: "LA RIABILITAZIONE IN REALTÀ VIRTUALE: PROSPETTIVE DI IMPIEGO ED EVIDENZE DI EFFICACIA". ANCONA (ITALY), 1ST – 2ND JULY 2010
3. COURSE: "I DISORDINI MUSCOLO-SCHELETRICI NEL DISTRETTO LOMBO-PELVICO: DALLA ANATOMIA FUNZIONALE ALL'EVIDENCE BASED PRACTICE IN TERAPIA MANUALE". LECTURE: "I DISORDINI MUSCOLO-SCHELETRICI NEL DISTRETTO LOMBO-PELVICO: DALLA ANATOMIA FUNZIONALE ALL'EVIDENCE BASED PRACTICE IN TERAPIA MANUALE". VERONA (ITALY), 11TH FEBRUARY 2012
4. SEMINAR: "IL RUOLO DEL FISIOTERAPISTA NELLA RIABILITAZIONE DELLE PATOLOGIE DEL SISTEMA NERVOSO CENTRALE: DALLE NEUROSCIENZE ALLA PRATICA CLINICA". UNIVERSITÀ DEGLI STUDI DELL'AQUILA. L'AQUILA (ITALY), 23RD JANUARY 2014
5. WORKSHOP: DISTURBI MUSCOLOSCHIELETRICI DEL RACHIDE DORSO-LOMBARE. LEZIONE: CONTROLLO MOTORIO E DOLORE MUSCOLOSCHIELETRICO. SAVONA (ITALY), 27TH SEPTEMBER 2015
6. RESIDENTIAL COURSE: 4° CORSO RESIDENZIALE DI RIABILITAZIONE E NEUROFISIOLOGIA CLINICA. LECTURE: "NUOVE TECNOLOGIE ROBOTICHE, REALTÀ VIRTUALE, BCI: LE BASI NEUROFISIOLOGICHE". ABANO TERME (ITALY), 3RD MARCH 2014
7. RESIDENTIAL COURSE: "BASIS NEUROBIOLOGICHE DEGLI INTERVENTI NEURORIABILITATIVI E NUOVE TECNICHE PER PROMUOVERE IL RECUPERO". LECTURE: "EFFICACIA DELLA REALTÀ VIRTUALE". 9TH NOVEMBRE 2012

Venice, 8<sup>th</sup> October 2019

Andrea Turolla

