

SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING UNIT

UNIT NAME:

Department of Neurorehabilitation Sciences

Istituto Auxologico Italiano, IRCSS

ADDRESS:

Ospedale San Luca; via Giuseppe Mercalli 32, 20122 Milano, Italy

NAME OF THE UNIT RESPONSIBLE:

Prof. Luigi TESIO

TEL.:+39 0258218150

FAX: +390258218152

E-MAIL:

luigi.tesio@unimi.it

l.tesio@auxologico.it

- Main clinical activities of the unit:

(state the main areas of care depending on clinical workload and interests)

1. Inpatient post-acute comprehensive neurorehabilitation (stroke, brain operations, non traumatic spinal lesions) – 44 beds
2. Outpatient comprehensive neuro-rehabilitation (Multiple Sclerosis, Stroke, Ataxia, CNS tumors) – 12 patients/day
3. Neuropsychological assessment and treatment of cognitive disorders
4. Biomechanical and neurophysiological assessment of motor impairments

- Specific research interests of the unit:

(give the key words for each theme)

1. Gait analysis (gait, walking, rehabilitation)

2. Outcome assessment (disability assessment, psychometrics, research methodology)
3. Balance rehabilitation (balance, posture, exercise treatment)
4. Cognitive rehabilitation (neuropsychology, brain stimulation, behavioural assessment)

- List five publications from the last five years which most represent the unit's research programme:

Bolognini N, Vallar G, Casati C, Abdul Latif L, El-Nazer R, Williams J, Banco E, Macea DD, Tesio L, Chessa C, Fregni F. Neurophysiological and Behavioral Effects of tDCS Combined With Constraint-Induced Movement Therapy in Poststroke Patients. **Neurorehabil Neural Repair** 2011 Jul 29. [Epub ahead of print]

Simone A, Rota V, Tesio L, Perucca L. Generic ABILHAND questionnaire can measure manual ability across a variety of motor impairments. **Int J Rehabil Res** 2011 Jun;34(2):131-40.

Tesio L, Rota V, Perucca L. The 3D trajectory of the body centre of mass during adult human walking: evidence for a speed-curvature power law. **J Biomech** 2011 Feb 24;44(4):732-40

Tesio L. Ataxia. In: Kesselring J, Comi G, Thompson A (eds.). Multiple Sclerosis. Recovery of Function and Neurorehabilitation. Cambridge University Press 2010; Ch. 23, pp. 201-213

Glass CA, Tesio L, Itzkovich M, Soni BM, Silva P, Mecci M, Chadwick R, el Masry W, Osman A, Savic G, Gardner B, Bergström E, Catz A. Spinal Cord Independence Measure, version III: applicability to the UK spinal cord injured population. **J Rehabil Med** 2009 Sep;41(9):723-8

Tesio L, Rota V. Gait analysis on split-belt force treadmills: validation of an instrument. **Am J Phys Med Rehabil** 2008 Jul;87(7):515-26.

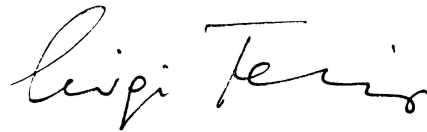
- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):

1. Foreign languages: English, French
2. For full clinical training:
 - EU citizens, MD license valid in the Country of origin;
 - Non-EU citizens, procedure to be defined on a case-by-case basis

Contact: prof. Luigi Tesio, luigi.tesio@unimi.it

Authorisation to publish over Internet YES

Signature:



NO