

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

Luca MADERNA

Doctor of Medicine, specialising in Neurophysiopathology

Address(es)

Telephone(s)

E-mail

Nationality

ITALIAN

Date of birth

20/01/1965

Gender

MALE

C.F.

Work experience

Dates	April 2022 to now
Occupation or position held	Director of Neurophysiology Service, Department of Neurology First level manager
Main activities and responsibilities	Execution of Electromyographies(about 2700 a year), Motor Evoked Potentials(about 150 a year), Electromyography of single fibre Medical reports on Evoked somatosensorial, visual and acoustic Potentials (about 700 a year) Treatment with botulinum toxin of dystonia, spasticity, primary persistent hyperhidrosis, chronic migraine
Type of business or sector	Outpatient clinic practice : Neurology/Neurophysiology with acknowledged experience in the neurophysiological diagnosis of neuromuscular diseases, in particular of motoneuron disease.
Dates	October 2007 to march 2022
Name and address of employer	<i>Istituto Auxologico Italiano – S. Luca, Piazzale Brescia 20, Milano , Italy</i>
Occupation or position held	Operating coordinator - Neurophysiology Service- U.O. Neurology First level manager
Main activities and responsibilities	Execution of Electromyographies(about 2700 a year), Motor Evoked Potentials(about 150 a year), Electromyography of single fibre Medical reports on Evoked somatosensorial, visual and acoustic Potentials (about 700 a year) Treatment with botulinum toxin of dystonia, spasticity, primary persistent hyperhidrosis
Name and address of employer	<i>Istituto Auxologico Italiano – S. Luca, Piazzale Brescia 20, Milano , Italy</i>
Type of business or sector	Outpatient clinic practice : Neurology/Neurophysiology with acknowledged experience in the neurophysiological diagnosis of neuromuscular diseases, in particular of motoneuron disease.
Dates	March 2001 to September 2007
Occupation or position held	Assistant acting as person in charge
Main activities and responsibilities	Outpatient clinic practice: Neurophysiology and treatment with botulinum toxin
Name and address of employer	<i>IRCCS, Multimedia Holding, Hospital Service of Neurophysiology, Milano and Castellanza (Va), Italy</i>

Type of business or sector	Outpatient clinic practice: Neurology/ Neurophysiology
Dates	From October 2003 to September 2007
Occupation or position held	Consultant
Main activities and responsibilities	Outpatient clinic practice: Electromyography
Name and address of employer	<i>Dpt. of Neurology at IRCCS Istituto Auxologico Italiano – S. Luca. Via Spagnoletto 3 Milano, Italy</i>
Type of business or sector	Outpatient clinic practice: Neurology/ Neurophysiology
Dates	From January 1992 to February 2001
Occupation or position held	Consultant
Main activities and responsibilities	Outpatient clinic practice: Electromyography
Name and address of employer	Dpt. of Neurophysiology at IRCCS – IRCCS Ospedale San Raffaele. Via Olgettina 60 Milano, Italy
Type of business or sector	Outpatient clinic practice: Neurology/ Neurophysiology
Dates	11-12/03/2022
Occupation or position held	Scientific director of the course “Il trattamento dell’iperidrosi”
Dates	28-29/11/2019
Occupation or position held	Scientific committee of the course “1° corso di ecografia del nervo e dissezione anatomica – Le plessopatie e neuropatie dell’arto superiore”
Dates	2012 to now
Occupation or position held	Contract lecturer - University Course in Technics of Neurophysiopathology
Main activities and responsibilities	Lecturing students in a Second Year Course
Name and address of employer	Università degli Studi, Milano, Italy
Dates	2011 to 2018
Occupation or position held	Contract lecturer at the Postgraduate School of Neurology
Main activities and responsibilities	Training course in Electromyography

Name and address of employer	Università degli Studi, Milano, Italy									
Dates	2009 to now									
Main activities and responsibilities	Tutoring students attending training course University Course in Neurophysiopathology Techniques									
Name and address of employer	Università degli Studi, Milano, Italy									
Mother tongue(s)	Italian									
Other language(s)	English, French									
Self-assessment	Understanding				Speaking				Writing	
<i>European level (*)</i>	Listening		Reading		Spoken interaction		Spoken production			
Language	E	A2	I	B1	E	B1	E	B1	E	B1
Language	F	A2	F	B1	F	B1	F	B1	F	B1
	<i>(*) Common European Framework of Reference for Languages</i>									
Organisational skills and competences	I am currently in charge of a small team composed of doctors and technicians. I consider team working essential to successful work practice.									
Technical skills and competences	I have been using on a regular basis for several years the following neurophysiology appliances and electromedical appliances: NIHON KOHDEN; Micromed; Carefusion (Synergy)									
Computer skills and competences	Good command of Microsoft Office programmes									
Additional information										
Annexes										

1. Ercoli T, Defazio G, Geroi C, Marcuzzo E, Fabbrini G, Bono F, Mechelli A, Ceravolo R, Romito LM, Albanese A, Pisani A, Zibetti M, Altavista MC, **Maderna L**, Petracca M, Girlanda P, Mascia MM, Berardelli A, Tinazzi M; Italian Registry of Functional Motor Disorders Study Group; Italian Registry of Adult Dystonia Study Group. Sudden Onset, Fixed Dystonia and Acute Peripheral Trauma as Diagnostic Clues for Functional Dystonia. *Mov Disord Clin Pract*. 2021 Sep 10;8(7):1107-1111.
2. Fabbrini G, Conte A, Ferrazzano G, Esposito M, Albanese A, Pellicciari R, Di Biasio F, Bono F, Eleopra R, Ercoli T, Altavista MC, Berardelli A, Defazio G; Italian Dystonia Registry participants. Neuroimaging in idiopathic adult-onset focal dystonia. *Neurol Sci*. 2021 Jul;42(7):2947-2950.
3. Tinazzi M, Erro R, Mascia MM, Esposito M, Ercoli T, Ferrazzano G, Di Biasio F, Pellicciari R, Eleopra R, Bono F, Bertolasi L, Barone P, Scaglione CLM, Pisani A, Altavista MC, Cotelli MS, Ceravolo R, Cossu G, Zibetti M, Coletti Moja M, Girlanda P, **Maderna L**, Albanese A, Petracca M, Magistrelli L, Misceo S, Minafra B, Romano M, Squintani GM, Modugno N, Aguggia M, Cassano D, Castagna A, Morgante F, Berardelli A, Defazio G. Correction to: Demographic and clinical determinants of neck pain in idiopathic cervical dystonia. *J Neural Transm(Vienna)* 2020 Oct 20
4. Di Biasio F, Marchese R, Abbruzzese G, Baldi O, Esposito M, Silvestre F, Tescione G, Berardelli A, Fabbrini G, Ferrazzano G, Pellicciari R, Eleopra R, Devigili G, Bono F, Santangelo D, Bertolasi L, Altavista MC, Moschella V, Barone P, Erro R, Albanese A, Scaglione C, Liguori R, Cotelli MS, Cossu G, Ceravolo R, Coletti Moja M, Zibetti M, Pisani A, Petracca M, Tinazzi M, **Maderna L**, Girlanda P, Magistrelli L, Misceo S, Romano M, Minafra B, Modugno N, Aguggia M, Cassano D, Defazio G, Avanzino L. Motor and Sensory Features of Cervical Dystonia Subtypes: Data From the Italian Dystonia Registry. *Front Neurol*. 2020 Aug 26;11:906
5. Verde F, Zaina G, Bodio C, Borghi MO, Soranna D, Peverelli S, Ticozzi N, Morelli C, Doretti A, Messina S, Maderna L, Colombrita C, Gumina V, Tiloca C, Meroni PL, Zambon A, Ratti A, Silani V. Cerebrospinal fluid phosphorylated neurofilament heavy chain and chitotriosidase in primary lateral sclerosis *J Neurol Neurosurg Psychiatry*. 2021; Feb;92(2):221-223
6. Tinazzi M, Erro R, Mascia MM, Esposito M, Ercoli T, Ferrazzano G, Di Biasio F, Pellicciari R, Eleopra R, Bono F, Bertolasi L, Barone P, Scaglione CLM, Pisani A, Altavista MC, Cotelli MS, Ceravolo R, Cossu G, Zibetti M, Moja MC, Girlanda P, **Maderna L**, Albanese A, Petracca M, Magistrelli L, Misceo S, Minafra B, Romano M, Squintani GM, Modugno N, Aguggia M, Cassano D, Castagna A, Morgante F, Berardelli A, Defazio G. Demographic and clinical determinants of neck pain in idiopathic cervical dystonia. *J Neural Transm (Vienna)*. 2020 Oct;127(10):1435-1439.
7. Defazio G, Fabbrini G, Erro R, Albanese A, Barone P, Zibetti M, Esposito M, Pellicciari R, Avanzino L, Bono F, Eleopra R, Bertolasi L, Altavista MC, Cotelli MS, Ceravolo R, Scaglione C, Bentivoglio AR, Cossu G, Coletti Moja M, Girlanda P, Misceo S, Pisani A, Mascia MM, Ercoli T, Tinazzi M, **Maderna L**, Minafra B, Magistrelli L, Romano M, Aguggia M, Tambasco N, Castagna A, Cassano D, Berardelli A; Italian Dystonia Registry Participants. Does acute peripheral trauma contribute to idiopathic adult-onset dystonia? *Parkinsonism Relat Disord*. 2020 Feb;71:40-43.
8. Morelli C, Tiloca C, Colombrita C, Zambon A, Soranna D, Lafronza A, Solca F, Carelli L, Poletti B, Doretti A, Verde F, **Maderna L**, Ticozzi N, Ratti A, Silani V. CSF angiogenin levels in amyotrophic lateral Sclerosis-Frontotemporal dementia spectrum. *Amyotroph Lateral Scler Frontotemporal Degener*. 2019 Dec 18:1-7. doi: 10.1080/21678421.2019.1704016
9. Ciammola A, Sangalli D, Sassone J, Poletti B, Carelli L, Banfi P, Pappacoda G, Ceccherini I, Grossi A, **Maderna L**, Pingue M, Girotti F, Silani V. A Novel Mutation of *GFAP* Causing Adult-Onset Alexander Disease. *Front Neurol*. 2019 Nov 6;10:1124.
10. Verde F, Tiloca C, Morelli C, Doretti A, Poletti B, **Maderna L**, Messina S, Gentilini D, Fogh I, Ratti A, Silani V, Ticozzi N. PON1 is a disease modifier gene in amyotrophic lateral sclerosis: association of the Q192R polymorphism with bulbar onset and reduced survival. *Neurol Sci*. 2019 Mar 22. doi: 10.1007/s10072-019-03834-2.
11. Johnsen B, Pugdahl K, Fuglsang-Frederiksen A, Kollwe K, Paracka L, Dengler R, Camdessanché JP, Nix W, Liguori R, Schofield I, **Maderna L**, Czell D, Neuwirth C, Weber M, Drory VE, Abraham A, Swash M, de

- Carvalho M. Diagnostic criteria for amyotrophic lateral sclerosis: A multicentre study of inter-rater variation and sensitivity. *Clin Neurophysiol*. 2019 Feb;130(2):307-314.
12. Nicolas A, Kenna KP, Renton AE, Ticozzi N et al. Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. *Neuron*. 2018 Mar 21;97(6):1268-1283
 13. Johnsen B, Pugdahl K, Fuglsang-Frederiksen A, Kollewe K, Paracka L, Dengler R, Camdessanché JP, Nix W, Liguori R, Schofield I, **Maderna L**, Czell D, Neuwirth C, Weber M, Drory VE, Avraham, A, De Carvalho M. Platform Session – Electromyography: Large inter-rater variation on revised El Escorial and Awaji diagnostic criteria for amyotrophic lateral sclerosis. *Clinical Neurophysiology*, Vol. 129, e223 May 2018
 14. Mrkac-Spota S, Vezzoli A, **Maderna L**, Gregorini F, Montorsi M, Moretti S, Greco F, Cova E, and Gussoni M. R(+)-Thioctic Acid Effects on Oxidative Stress and Peripheral Neuropathy in Type II Diabetic Patients: Preliminary Results by Electron Paramagnetic Resonance and Electroneurography. *Oxid Med Cell Longev*. 2018 Apr 10;2018:1767265. doi: 10.1155/2018/1767265. eCollection 2018.
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 19. Verde F, Ticozzi N, Messina S, Calcagno N, Girotti F, **Maderna L**, Moda F, Scola E, Falini A, Tagliavini F, Silani V. MRI abnormalities found 1 year prior to symptom onset in a case of Creutzfeldt-Jakob disease. *J Neurol*. 2016 febbraio 12.
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 22. Silani V, Messina S, Poletti B, Morelli C, Doretta A, Ticozzi N, **Maderna L**. The diagnosis of Amyotrophic lateral sclerosis in 2010. *Arch Ital Biol*. 2011 Mar;149(1):5-27. doi: 10.4449/aib.v149i1.1260. Review.
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 24. Silani V, Morelli C, Ticozzi N, **Maderna L**. La diagnosi di Sclerosi Laterale Amiotrofica (SLA): 2009. *Geriatric & Med. Intell*. 2009; 18, 79-88
 25. **Maderna L**, Cappellano F, Fornara C. The impact of neurophysiology in urologic surgery. *Rivista Medica*. 2008; 14,2: 123-130
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(i.f.: 2.844)

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33. Galardi G, Nemni R, Amadio S, **Maderna L**, Bianchi S, Comi G. Oculomotor focal dystonia. *Electroenceph. Clin. Neurophysiol.* Jul 1997; 103(1): 59 (i.f.: 2.64)
34. **Maderna L**, Galardi G, Amadio S, Colombo B, Rossi P, Comi G. Fatigue in multiple sclerosis patients studied with repetitive transcranial magnetic stimulation. *Electroenceph. Clin. Neurophysiol.* Jul 1997; 103(1): 153 (i.f.: 2.64)
35. Galardi G, Amadio S, **Maderna L**, Urban I, Guerriero R, Comi G. Excitatory and inhibitory mechanisms of motor system studied with double transcranial magnetic stimulation. *Electroenceph. Clin. Neurophysiol.* Jul 1997; 103(1): 194 (i.f.: 2.64)
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Milan, 03/09/2022



Dott. Luca Maderna