



## Vincenzo Primerano

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### *Education and training*

2020

#### **Diploma in Osteopathic Medicine Osteopath DO 300 training credits ECM**

Evaluation of the efficacy of osteopathic manipulative treatment in subjects suffering from persistent neck pain integrated with drug therapy RCT study.

- graduation grade 30/30

European Institute for Osteopathic Medicine - Genova - IT

2011

#### **Master in Health Management and Coordination for Diagnostic Technicians**

Operating procedures and guidelines for the assessment of artifacts on the monitor in digital electroencephalographic recordings of the Assessment of Cerebral Death D.M. 11.04.2008 - with honneurs

Univeristy of Genoa - Genoa - IT

2002

#### **Postgraduate specialization diploma in Diagnostic Neurosonology**

suitable

University of Genoa - Genoa - IT

1995

#### **Diploma (Degree l.240 of 30.12.2010 art 17) Technician of Neurophysiopathology**

Electroencephalography and intercritical abnormalities in drug-resistant partial epilepsy patients candidates for epilepsy surgery - with honneurs

University of Genoa - Genoa - IT

### *Academic experience*

2001 - ONGOING

#### **Contract teaching activity**

University of Genoa - Genoa - IT

Adjunct Professor at the Degree Courses for Neurophysiopathology Technicians and Health Technicians of Medical Radiology

## ***Work experience***

**2014 - ONGOING**

### **Osteopath**

In the field of continuing education ECM - European Institute for Osteopathic Medicine - Genoa - IT

experience in osteopathic treatments in the painful syndromes of the musculoskeletal system - in headache - in postural dysfunctions - in dysfunctions of the stomatognathic system - and in painful syndromes of the cranial and peripheral nerves. Osteopathic treatments integrated with electroencephalographic diagnostics and ultrasound of the supra-aortic trunks. 2012 personal trainer coach diploma from the Italian weightlifting federation of Savona (Italy). Development of training programs tailored to the needs of individuals

**2013 - ONGOING**

### **Neurophysiopathology technician**

ASL3 Genovese Neurology Unit - Genoa - IT

Vascular ultrasound of the supraaortic trunks and of the intracranial circulation - Electroencephalography - Polygraphy - Electromyography - applied in outpatient activities and in Intensive Care related to the Epilepsy center - Neuromuscular disorders - Cerebrovascular pathologies - Dementia study center and Stroke center.

**2005 - 2013**

### **Neurophysiopathology technician**

IRCCS San Martino Neurophysiopathology Unit - Genoa - IT

Vascular ultrasound of trunks above aortics and Transcranial - Electroencephalography- EEG video -Polysomnography and Electromyography applied in outpatient and intensive care activities related to the epilepsy center - study of cerebrovascular pathologies - and intraoperative monitoring

**2000 - 2005**

### **Neurophysiopathology technician**

AO 'Villa Scassi' Vascular surgery and Neurology Unit - Genova - IT

Electroencephalography -Electromyography- Vascular diagnostic ultrasound in the field of vascular surgery applied in outpatient hospitalization and intensive care

**1999 - 2000**

### **Neurophysiopathology technician**

Cà Granda Epilepsy Surgery Center - Milan - IT

Electroencephalography - video eeg - sleep study - polysomnography and intraoperative monitoring in service dedicated to epilepsy surgery

**1997 - 1999**

## **Neurophysiopathology technician**

Civil Hospitals of Brescia Child Neuropsychiatry - Brescia - IT

Electroencephalography - EEG video - Polysomnography sleep study in the pediatric field - infantile neuropsychiatry - intensive care afferent to the center of epilepsies

1996 - 1997

## **Neurophysiopathology technician**

Neurological Institute 'C.Besta' - Milan - IT

Elettroencefalografia- video eeg- Polisonnografia -studio del sonno e Potenziali evocati in ambito pediatrico adultineuropsichiatria infantile e terapia intensiva afferenti al centro delle epilessie- neurochirurgia e attività di ricerca in ambito neuromuscolare

## ***Language skills***

### **English**

Independent

## ***Teaching activity***

From 2013 to today I have been teaching at the Seminar in ultrasound techniques at the degree course for Health Technicians of medical radiology in particular the teaching is aimed at learning the basic technical notions for the execution of ultrasound examinations of the intracranial circulation by discussing the principles of anatomy and the fundamental technical parameters to carry out the exam, part of the time is spent on artifacts and simulations of technical problems.

From 2002 to 2013 I taught at the Degree course for Neurophysiopathology Technicians at the University of Genoa, electrophysiological recording techniques

## ***Postgraduate research and teaching activity***

### **Supervision of PhD students, residents and post-doctoral fellows**

Teaching at the Master in Health Management (2013-2014 edition) 'Research methodology in technical sciences' University of Genoa

## ***Research interests***

-Neurosonology: study and research of training methods and criteria in diagnostic ultrasound for neurophysiopathology technicians and health professionals.

-Best Practice in Neurosonology: operational procedures and protocols for Neurophysiopathology technicians and healthcare professionals.

-study and research in Osteopathic Medicine with integration of osteopathic treatments to the clinical diagnostic path in the neurophysiological field, in application to the ecocoolrdoppler of supra-

aortic trunks, electroencephalography, evoked potentials and electroneuromyography.

-Research and study on the Management of Ultrasound diagnostics (Ultrasound) regarding the COVID 19 emergency

### ***Editorial activity***

1) -1995 S.Francione, A.Ferrari, C. Durisotti, **V. Primerano**, G. Rodriguez, C. Munari. 'Good knowledge between critical clinical semeiology, intercritical and critical EEG and left internal localization of the lesion on MRI '. Polycentric meeting of the L.I.C.E. Roma Universita ', Urbaniana, 4-6 May 1995.

2) -1999. **V.Primerano**, M. \* Fatone, A. Tiberti, P. Accorsi, L. Giordano, E. Menegati. 'Polygraphic video-EEG recording techniques and stimulations in a case of childhood reflex myoclonic epilepsy'. Child Neuropsychiatry of the 'Spedali Civili' Hospital of Brescia. \* Neurology of the 'SS. Antonio and Biagio - C. Arrigo 'of Alessandria. I-1999 Newsletter Italian Association of Neurophysiopathology Technicians, pages 26-34.

3) -1999. P. Accorsi, L. Giordano, A.Vignoli \*, **V. Primerano**, D. Valseriati, A.Tiberti. 'Benign Myoclonic Epilepsy of Infancy: Case Description', Division of Child Neuropsychiatry, C.R. E., of childhood and adolescence, A.O. 'Spedali Civili', Brescia. \* Regional Epilepsy Center, San Paolo Hospital, University of Milan. Bulletin L.I.C.E n105 April / June 1999 Abstracts pag 43 National Congress of Rome 23-26 June 1999.

4) -2004. **V.Primerano**; \* G. Rodriguez; \* F.Nobili; ° M. Fatone. 'Description of some training criteria in Neurosonology for Neurophysiopathology Technicians' Laboratory of Vascular Diagnostic Ultrasound - Simple Structure of Vascular Surgery // ° Neurology-Electroencephalography of the "Villa Scassi" Hospital of Genoa Sampierdarena Civil Hospital. \* Department of Internal Medicine and Medical specialties -UO Clinical Neurophysiology - of the 'San Martino' Hospital in Genoa. Notiziario II / 2004 Italian Association of Neurophysiopathology Technicians, pages 17-21.

5) -2010. **V. Primerano**. 'The digital EEG in the assessment of brain death '- Article published in the Italian Journal of Neurobiology (Suppl Dossier I, 2010) page 45.

6) -2010-. D. Mazzei, A.Ferrari, **V. Primerano**, M.Fonzari, E. Canevari, G.A. Ottonello, G. Rodriguez, C. Serrati, A. Spring. 'Non-convulsive status epilepticus in the elderly pros and cons of aggressive treatment '. Department of Neurology of the San Martino University Hospital of Genoa. Neurology Sciences (2010) 31-pag: 681-685.

7) -2020. \* **V. Primerano**, ° I. Severi, ^ S.Trapani. " Recommendations and operational indications for the operational activities of Neurosonology diagnostics regarding the COVID19 emergency '\* U.O. Neurology-Stroke-Diagnostic Center of Neurosonology, Local Health Authority 3 of Genoa. ° UOS Neurosonology, University Hospital of Siena. ^ Neurosonology Unit, Careggi University Hospital, Florence. Published on 23.6.2020 Italian Association of Neurophysiopathology Technicians.