

Lara Antonella De Nicolo Savvides



BIOGRAPHY:

Lara Antonella De Nicolo Savvides was born in Milan, Italy in 1983 and raised in London, UK since the age of 10. In 2008, she graduated with a B.Sc. (Hons) Neuroscience with specialisation in Neurophysiology & Pediatric Neurophysiology, at King's College London (UK) and in 2015 with a 3-year intensive M.Sc. in Neuroimaging for Research which she passed with Distinction, at the University of Edinburgh (UK). Her final year undergraduate thesis, discussed various ways to either terminate or modify the corticotrophin-releasing-hormone-receptor gene expression that is seen in migrainous patients, following a stressful episode. At the Master level, she has been further trained at recognising and analysing neuroimaging data in the various aspects of Neuroradiology, for example: functional MRI, MR Spectroscopy and PET/CT data, Gyral identification, Hippocampal volume assessments, Retinal Image analysis, Quantitative & Qualitative brain volume assessments and Lesion grading (particularly for stroke). Her thesis involved analysing existing EEG/MRI data collected in a pediatric case series diagnosed with Angelman syndrome whose treatment regimes were switched from Sodium Valproate to Levetiracetam in order to reduce epileptic seizures. Treatment Outcomes were evaluated and explanation of their Neurochemistry discussed.

A systematic review and meta-analysis protocol was also prepared as a joint project with the University of Edinburgh, Title: The use of continuous quantitative electroencephalography (qEEG) monitoring in predicting ischemia & course of recovery in the acute ischemic stroke patient – correlation with neuroimaging data.

She received her training in Neonatal & Pediatric Electroencephalography and in Nerve Conduction Studies at various institutions: The Great Ormond Street Childrens Hospital, King's College Hospital, The Cyprus Paediatric Neurology Institute, The American Society of Electroneurodiagnostic Technologists and The Princess Mary Hospital at Akrotiri.

She was initially working for the Cyprus Pediatric Neurology Institute solely as a Neonatal and Pediatric EEG specialist in 2009, and then joined another team of Neurologists at the Neuroscience Department of the American Medical Centre in June 2011 to run new (adult) services. In these two institutions, Lara was responsible for supervision and management of the department as well as for the analysis of Neurophysiological data in the following: Routine and Ambulatory (Neonatal, Paediatric and Adult) Electroencephalography, Intensive Care Unit (ICU) and Bed-side recordings, Video EEG Telemetry (Epilepsy), Pre-surgical evaluations in Epilepsy, Multiple Sleep Latency Tests, Nerve Conduction Studies and Evoked Potentials (VEP, SSEP, BAEP).

Lara has collaborated with various institutions in Cyprus, particularly with St. Georges Medical School of Nicosia and the University of Cyprus, Centre for Applied Neurosciences on various research projects which were presented at various conferences both in Cyprus and abroad.

She is a professional member of The American Society of Electroneurodiagnostic technologists (ASET-USA), and a member of the International League Against Epilepsy (UK chapter).

Lara is also a PhD candidate with the University of Edinburgh, The Brain Research Imaging Centre pursuing further Neuroimaging studies.

SERVICES OFFERED:

Nerve Conduction Studies

- Upper limbs: Median, Ulnar (deep ulnar & dorsal ulnar cutaneous), Radial sensory and motor studies, motor & sensory palmar studies, Comparison studies: median vs ulnar digit 4 sensory studies, median vs ulnar lumbrical-interossei studies, medial & lateral antebranchial cutaneous sensory studies, F waves
- Lower limbs: Tibial, Peroneal motor (EDB and TA muscles), superficial peroneal, saphenous and sural sensory studies as well as F waves, H reflex and plantar studies.

Electroencephalography

- Neonatal (birth-1yr) EEG
- Pediatric (1-16yrs) EEG
- Adult (16+ yrs) EEG

The protocols for these services follow the current guidelines of the American Clinical Neurophysiology Society.

ΔΙΚΤΑΙΟΝ ΙΑΤΡΙΚΟ ΚΕΝΤΡΟ

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NEUROSCIENCE CENTRE
SPECIALIST EEG LABORATORY
(Εξειδικευμένο Κέντρο Εγκεφαλογραφημάτων)

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B.Sc. (Hons) Neuroscience & Neurophysiology (King's College London, UK)
M.Sc. Neuroimaging for Research (University of Edinburgh, UK)

Member of the American Society of Electroneurodiagnostic Technologists
Member of the International League Against Epilepsy (UK chapter)

Lab Director - Neurophysiologist

MEDICAL ARTICLES:

- [ΤΙ ΕΙΝΑΙ Η ΝΕΥΡΟΕΠΙΣΤΗΜΗ ΚΑΙ ΠΟΙΟΣ Ο ΡΟΛΟΣ ΤΗΣ ΝΕΥΡΟΦΥΣΙΟΛΟΓΙΑΣ](#)
- [NCS PROCEDURE](#)
- [EEG PROCEDURE](#)
- [DEPARTMENTAL PROTOCOL FOR PERFORMING PHOTIC STIMULATION](#)
- [DEPARTMENTAL PROTOCOL FOR PERFORMING HYPERVENTILATION](#)

FACEBOOK PAGE:

- [Neuroscience – Neurophysiology & Pediatric Neurophysiology Department At Dikteon Medical Centre](#)