



MIHAELA AXENTE

1. OBJECTIVES

To develop a successful career in the medical field.

2. DATE PERSONAL INFORMATION

3. EMPLOYMENT

- ✓ **15 mai 2023 – present – Emergency Hospital for Children “M.S.Curie” – NICU Department, Neonatal Neurology and Neurophysiology**
- ✓ **January 2022- present -Coordinator of Pediatric Neurology Diseases Department in “Dr Nicolae Robanescu” Neurorehabilitation Center for Children, Bucharest**
- ✓ **October 2019 –January 2022 - Coordinator of Neuromuscular Department in “Dr Nicolae Robanescu” Neurorehabilitation National Center for Children , Bucharest**
- ✓ **July 2012- October 2019- Coordinator of Rehabilitation Department of “Dr Nicolae Robanescu” Neurorehabilitation National Center for Children , Bucharest**
- ✓ **July 2012 - present - Pediatric Neurology Consultant**
Hospital: “Dr. N.Robanescu” Neurorehabilitation Center for Children
City: Bucharest,
Country : Romania

✓ **December 2011- March 2012 Clinical Fellow in Paediatric Neurology (SpR level)**

Hospital **Frenchay Hospital, North Bristol NHS Trust**
City **Bristol**
Country **United Kingdom**

Responsibilities

- Assessing the patients with very complex and various pathology – acute neurology (posttraumatic, postinflammatory disorders, intractable epilepsy), chronic neurology (epilepsy, cerebral palsy, motor impairment), as well as orthopedics, plastics, burns, neurosurgical cases.
- Special interest in neurophysiology- video EEG monitoring for selected cases referral for epilepsy surgery
- Special interest in neurorehabilitation- physiotherapy, speech and language therapy, neuropsychology, occupational therapy, play therapy
- Permanent collaboration with related specialities involved in diagnosis and treatment
- Attendance at teaching programme

✓ **December 2007 - December 2011 Paediatric Neurology Specialist**

Hospital: **“Dr. N. Robanescu” Neurorehabilitation Center for Children**
City: **Bucharest,**
Country: **Romania**

Responsibilities:

- Assessing the patients in the center (both chronic ones- with sequelar types of pathologies and acute and subacute-posttraumatic patients after surgery, and taken over from the intensive care sections), monitoring and treating them while hospitalized;
- Setting the diagnosis of outpatients, with the help of the medical equipment at hand: electroencephalography, electromyography, evoked potentials
- Follow-up and diagnosis of patients with epilepsy, often associated with the sequelar pathology (hypoxic perinatal), recording the electroencephalography, prescribing and managing the antiepileptic treatment;
- Follow-up and diagnosis of patients with progressive muscular diseases (muscular dystrophies, congenital myopathies), motoneurone ones (spinal amyotrophy), junction diseases (myasthenia gravis) with the making the electromyography and the functional monitoring scales evolution, heart and respiratory monitoring and possibly directing the patient towards muscular biopsies/genetic tests, setting and managing the treatment;
- Follow-up, diagnosis and treatment of patients with hereditary peripheral neuropathies- making the electromyography, interdisciplinary consultations (orthopedy, functional recovery)
- Recommending physiotherapy methods after assessing the patients upon their hospitalization (Bobath, Kabat) and further follow-up of results
- Recommending occupational therapy, psycho-assessment and psycho-counseling and logopedic sessions

3. EDUCATION

JULY 2020- PRESENT - PHD THESIS : CLINICAL AND ELECTROPHYSIOLOGICAL CORRELATION IN CHILDREN WITH SPINAL MUSCULAR ATROPHY IN TREATMENT WITH NUSINERSEN

JULY 2012 – PRESENT PAEDIATRIC NEUROLOGY CONSULTANT

DEC 2007- JULY 2012 PAEDIATRIC NEUROLOGY SPECIALIST

2002 -2007 Specialist Training, speciality : Paediatric Neurology

Hospital: “Alexandru Obregia” Neuro-psychiatry Clinical Hospital
City: Bucharest , Romania

Responsibilities:

- taking over the patients upon their hospitalization, clinical assessment, filling in the follow-up sheets
- setting with the doctor, the paraclinical investigation plan and the medicine treatment
- follow-up and monitoring of patients while hospitalized
- canulation , lumbar punctures
- performing electroencephalographies, electromyographies
 - making up the discharge notes and setting the recommendations for home - hygienic diet, life and work style, cronical medicine treatment

✓ **2000 - 2002 Specialist Training , speciality : Family Medicine (GP)**

Hospital: Mures County Hospital
City: Targu Mures

- Responsibilities-* taking over the patients upon their hospitalisation, clinically assessing them and making the follow-up sheets;
- setting the paraclinic investigation plan and the medicine treatment;
 - follow-up and monitoring the patients while hospitalised;
 - venal punctions, recording the arterial tension, the pulse, the respiratory frequency;
 - compliting the discharge notes and setting the recommendations for home treatment (hygienic diet, life and work style, cronical medicine treatment)

✓ **1999 – 2000 Junior Doctor, speciality : training in diferent hospital departaments**

Hospital: Mures County Hospital
City: Targu Mures

- Responsibilities* -taking over the patients upon hospitalization, clinically assessing them, making the follow-up sheets
- setting the paraclinic investigation plan and the medicine treatment
 - follow - up and monitoring of patients while hospitalized
 - venal punctions, recording arterial tension, pulse, respiratory frequency;
 - compliting the discharge notes and setting the recommendations for home treatment (hygienic diet, life and work style, cronical medicine treatment)

- additional work hours, in emergency services (SMURD)

✓ 1992 – 1998 Tg. Mures University of Medicine and Pharmacy, Faculty of Medicine

4. PC SKILLS

MS Office - MS Word, MS PowerPoint, Excel

5. FOREIGN LANGUAGES

✓ **English** - advanced

6. TRAINING AND CONFERENCES

SEPTEMBER 2023- SRNP CONFERENCE- paper presented- *Neuromonitoring in critically ill neonates*
OCTOBER 2022 - ASNER CONFERENCE - *papers presented:*

1) *Congenital Myastenic Syndromes- single fiber EMG*

2) *Andersen Tawil Syndrome- Fournier tests*

SEPTEMBER 2021 – ACADEMIC SCIENTIFIC CONFERENCE . *papers presented :*

1) **THE MULTIDISCIPLINARY APPROACH IN THE NEUROREHABILITATION PROCESS OF CHILDREN WITH SEVERE TBI IN „DR NICOLAE ROBANESCU” NATIONAL NEUROREHABILITATION CENTER FOR CHILDREN**

2). **EVOLUTION AND PROGNOSIS IN ACUTE BRAIN AND MYELORADICULAR INJURIES**

3). **CMAP AS BIOMARKER FOR TREATMENT EVALUATION IN SPINAL MUSCULAR ATROPHY**

- ✓ **OCTOBER 2019 – Romanian Society Against Epilepsy Congress**
paper presented - *“Acute Necrotizing Encephalopathy post influenza associated with focal epilepsy”*
- ✓ **OCTOBER 2013/2015/2017/2019 - National Congress of Paediatric Neurology, Bucharest**
- 2019 paper presented : *“The multidisciplinary approach in the neurorehabilitation process of children with severe TBI “*
- ✓ **SEPTEMBER 2019 – EUROPEAN PAEDIATRIC NEUROLOGY CONGRESS – ATHENE, GREECE**
- ✓ **JULY 2019 - Neuromuscular diseases workshop- Alexandru Obregia Hospital , Bucharest (prof Servais Laurant, Belgium)**
- paper presented : *” Spinal muscular atrophy non SMN – diagnostic and treatment challenging “*
- ✓ **MAY 2019 - EUROPEAN ACADEMY OF CHILDHOOD DISABILITY CONGRESS , PARIS ,FRANCE**
- ✓ **SEPTEMBER 2017 - “Improving the use in Electromyography in Paediatrics” Gent, Belgium**

- ✓ **SEPTEMBER 2013 / 2015** “Improving the use in Electromyography in Paediatrics” Cambridge, UK
- ✓ **JUNE 2012** “Ataxies and cerebellar disorders in childhood”- Cheile Gradistei, Romania
- ✓ **JUNE 2012** Neuromuscular diseases workshop- Alexandru Obregia Hospital , Bucharest
- ✓ **MAY 2012** European Paediatric Neurology Society ‘s Courses- Sarajevo, Bosnia Hertegovina
- ✓ **February 2012** Paediatric Advance Life Support (Part A and B) - Gatwick , LONDON
- ✓ **October 2011** International congres : “Improving the use in Electromyography in Paediatrics”
Institute of Child Health, LONDON
- ✓ **June 2011** European Paediatric Neurology Society ‘s Courses- Cheile Gradistei, Romania
- ✓ **February 2011** Honorary in Service Trainee at Great Ormond Street Hospital (LONDON)
Neurophysiology Department (supervisor - Mathew Pitt, MD, FRCP,
Consultant Clinical Neurophysiologist)
- ✓ **October 2010** Neurophysiology workshop attended by Prof. Emeritus ERIK STALBERG
Cluj Napoca (Romania)
- ✓ **July 2010** Neurophysiology society’s summer school courses- Electromyography and
Electroencephalography workshops, Eforie Nord, Romania
- ✓ **May 2010** European Paediatric Neurology Society ‘s Courses, Cheile Gradistei, Romania
- ✓ **May 2009** Competence Certificate in Electromyography, ELIAS Hospital , Bucharest
- ✓ **September 2009** Competence Certificate in Electroencephalography, Evoked Potentials
ELIAS Hospital , Bucharest
- ✓ **September 2008** Paediatric Advance Life Support Certificate – “Alfred Rusescu” Children Hospital,
BUCHAREST

7. PROFESSIONAL APPLICATIONS

- ✓ **Active member of the Romanian Neurophysiology Society (ASNER)**
- ✓ **Active member of Romanian Paediatric Neurology Society (SRNP)**
- ✓ **Member of the Romanian Child and Teenager Neuropsychiatry Society (SNPCAR)**
- ✓ **MEMBER OF EUROPEAN PAEDIATRIC NEUROLOGY SOCIETY (EPNS)**

9. PUBLISHED PAPERS AND ARTICLES

1. ARTICLES

Clinical and Electrophysiological Changes in Pediatric Spinal Muscular Atrophy after 2 Years of Nusinersen Treatment Mihaela Axente^{1,2}, Andrada Mirea^{2,3, *}, Corina Sporea^{2,3, *}, Liliana Pădure^{2,3}, Cristina Manuela Drăgoi⁴, Alina Crenguța Nicolae⁴, Daniela Adriana Ion⁵ **Pharmaceutics** 2022, 14, x. <https://doi.org/10.3390/xxxxx>

Clinical features and genetics in non-5q spinal muscular atrophy caused by acid ceramidase deficiency Mihaela Axente 1, 2, Elena-Silvia Shelby 2, Andrada Mirea 2, 3 *, Corina Sporea 2, 3, Mihaela Badina 1, 2 *, Liliana Padure 2, 3, Daniela Adriana Ion, © 2021 JOURNAL of MEDICINE and LIFE. VOL: 14 ISSUE: 3 MAY-JUNE 2021 DOI 10.25122/jml-2021-0147

Clinical and Electrophysiological Aspects in Children with Spinal Muscular Atrophy Type 1, 2 and 3 before Treatment Mihaela Axente^{1,2*}, Corina Sporea², Anca Grigoriu², Andrada Mirea^{1,2}, Madalina Leanca², George Marinescu², Liliana Pădure^{1,2} and Daniela Ion, *Journal of Neurophysiology and Neurological Disorders*, 2021 | Vol 9: 103

2. BOOKS

CO-AUTHOR IN CHAPTERS :

“UPDATED DATA ON TRATAMENT AND RECOVERY FOR NEURODEGENERATIVE, DISTONIC AND PSIHO- ORGANIC DISEASES”, AUTHORED, IN ED. **G.ONOSE AND L.PADURE COMPENDIUM OF NEUROREABILITATION TO ADULTS, CHILDREN AND OLDERS**, 2008, BUCURESTI: EDITURA UNIVERSITARA CAROL DAVILA

“UPDATED DATA ON TRATAMENT AND REABILITATION FOR TRAUMATIC AND VASCULAR DISEASES”, AUTHOR, IN ED. **G. ONOSE AND L. PADURE COMPENDIUM OF NEUROREABILITATION TO ADULTS, CHILDREN AND OLDERS**, 2008, BUCURESTI : EDITURA UNIVERSITARA CAROL DAVILA

“UPDATED DATA ON TRATAMENT AND REABILITATION FOR PERIFERIC NERVES PATOLOGY” AUTHOR, IN ED. **G. ONOSE AND L. PADURE COMPENDIUM OF NEUROREABILITATION TO ADULTS, CHILDREN AND OLDERS**, 2008, BUCURESTI : EDITURA UNIVERSITARA CAROL DAVILA

“UPDATED DATA, FOLLOW-UP AND REABILITATION MANAGEMENT IN MYOPATIES AND NEUROMUSCULAR JONCTION DISEASES” AUTHOR, IN ED. **G.ONOSE AND L.PADURE COMPENDIUM OF NEUROREABILITATION TO ADULTS, CHILDREN AND OLDERS**, 2008, BUCURESTI: EDITURA UNIVERSITARA CAROL DAVILA