

NORTH AMERICAN EPILEPSY CONGRESS 2022

Eastern (EDT)	Thursday, 5 May	Friday, 6 May	Saturday, 7 May	Sunday, 8 May	
07:45-08:00					
08:00-08:15					
08:15-08:30					
08:30-08:45					
08:45-09:00					
09:00-09:15					
09:15-09:30				2022 Epilepsia Open Basic Science Award Presentation 09.15-09.45	
09:30-09:45				<i>Break</i>	
09:45-10:00			Session 1: Epilepsy in the Islands: Stigmas, Treatment Gap and Health Care System Challenges 10.00-11.00	Session 1: Diagnosis and Treatment Gaps 10.00-11.00	
10:00-10:15					
10:15-10:30					
10:30-10:45					
10:45-11:00					
11:00-11:15			<i>Post Session Networking</i> 11.00-11.15	<i>Post Session Networking</i> 11.00-11.15	
11:15-11:30			<i>Break</i> 11.15-11.30	<i>Break</i> 11.15-11.30	
11:30-11:45			Banff International Epilepsy Symposium: New Targets for an Old Disease 11.00-19.00	Session 2: Epilepsy in the Tropics 11.30-12.30	
11:45-12:00				<i>Post Session Networking</i> 12.30-12.45	<i>Post Session Networking</i> 12.45-13.00
12:00-12:15		Neuropsychology Fundamentals 12.00-14.00		<i>Break</i> 12.45-13.30	<i>Break</i> 13.00-13.45
12:15-12:30				Session 3: Epilepsy in Challenging Settings: Impact of Emergencies and Disasters 13.30-14.30	Session 3: Tools to Bridge Geography in Virtual Care 13.45-14.45
12:30-12:45				<i>Post Session Networking</i> 14.30-14.45	<i>Post Session Networking</i> 14.45-15.00
12:45-13:00				<i>Break</i> 14.45-15.00	<i>Break</i> 15.00-15.15
13:00-13:15				Session 4: IBE Symposium Part I 15.00-15.45	Session 4: Tools to Bridge Geography: Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders 15.15-16.00
13:15-13:30				<i>Break</i> 15.45-16.00	<i>Post Session Networking</i> 16.00-16.15
13:30-13:45				Session 5: IBE Symposium Part II 16.00-16.45	
13:45-14:00				<i>Post Session Networking</i> 16.45-17.00	
14:00-14:15					
14:15-14:30					
14:30-14:45					
14:45-15:00					
15:00-15:15					
15:15-15:30	Teaching Course Adult: Fundamentals in Epilepsy - Epilepsy Diagnosis 13.30-17.30				
15:30-15:45					
15:45-16:00		Teaching Course Adult: Fundamentals in Epilepsy - Pharmacological Starter Course 14.15-18.15			
16:00-16:15					
16:15-16:30					
16:30-16:45					
16:45-17:00					
17:00-17:15					
17:15-17:30					
17:30-17:45					
17:45-18:00	ILAE Young Epilepsy Section Brainstorming Session and Networking Event 17.45-18.45				
18:00-18:15					
18:15-18:30					
18:30-18:45					
18:45-19:00					

Thursday, May 5

Teaching Course Adult: Fundamentals in Epilepsy – Epilepsy Diagnosis Chair: Paolo Federico (Canada)		
Time (EDT)	Talk Title	Speaker
13.30-13.40	Introduction	Paolo Federico (Canada)
13.40-14.30	Aspects of Seizure Semiology	Peter Wolf (Denmark)
	Is This a Seizure? Recognizing and Classifying Epileptic Seizures	Walter van Emde Boas (Netherlands)
14.30-15.20	Localising Focal Seizures Based on Patient History and Video Recordings	Philippe Kahane (France)
15.20-15.50	Break	
15.50-16.40	Etiologies According to the Age of Onset	Christopher Skidmore (USA)
16.40-17.30	Epilepsy Syndromes	Tiziana Granata (Italy)

Learning Objectives

At the end of the session, participants will be able to:

- Identify and describe seizure semiology using standardized ILAE terminology and classification systems.
- Accurately diagnosis and classify epilepsies and epilepsy syndromes using the most recent ILAE classification.
- Demonstrate working knowledge of etiologies for focal and generalized epilepsy in children and adults.

Thursday, May 5

**ILAE Young Epilepsy Section
Brainstorming Session and Networking Event
Chair: Ruta Yardi (USA)
17.45 – 18.45**

Friday, May 6

Neuropsychology Fundamentals: The Contribution of Neuropsychology to the Care of People with Epilepsy Chair: Mary Lou Smith (Canada)		
Time (EDT)	Talk Title	Speaker
12.00-12.05	Introduction	Mary Lou Smith (Canada)
12.05-12.30	Indications and Expectations for Neuropsychological Assessment	Sallie Baxendale (UK)
12.30-12.45	Special Considerations for Children	Mary Lou Smith (Canada)
12.45-13.05	Neuropsychology Contribution to Diagnosis and Treatment of Psychogenic Non-epileptic Seizures	Gus Baker (UK)
13.05-13.25	Challenges for Neuropsychology in Low Resource Settings	Aimee Dollman (Republic of South Africa)
13.25-13.45	The International Classification of Cognitive Disorders in Epilepsy	Bruce Hermann (USA)
13.45-14.00	Q&A	

Learning Objectives

At the end of the session participants will be able to:

- Demonstrate working knowledge of indications for pre-surgical evaluation of patients being considered for epilepsy surgery.
- Demonstrate working knowledge of the importance of post-surgical neuropsychological follow-up.
- Demonstrate knowledge of the neuropsychological considerations of assessment of children with epilepsy.
- Discuss the contribution of neuropsychology to the identification of the etiology and risk factors, diagnosis of the comorbidities, and treatment of patients with psychogenic non-epileptic seizures.
- Identify challenges of, and approaches to, providing neuropsychological service in low resource settings.
- Describe the consensus-based, empirically driven approach of The International Classification of Cognitive Disorders in Epilepsy (IC-CoDE) to address the lack of an international diagnostic taxonomy for cognitive disorders in patients with epilepsy.

Friday, May 6

Adult: Fundamentals in Epilepsy – Pharmacological Treatment: Starter Course Chair: Paolo Federico (Canada)		
Time (EDT)	Talk Title	Speaker
14.15-14.25	Introduction	Paolo Federico (Canada)
14.25-15.15	Basic and Clinical Pharmacology	Matthew Walker (UK)
15.15-16.05	Special Populations: Women and Elderly	Torbjörn Tomson (Sweden)
16.05-16.35	Break	
16.35-17.25	Drug Treatment: When to Start and When to Stop	Terence O'Brien (Australia)
17.25-18.15	Drug Selection and Titration	Emilio Perucca (Australia)

Learning Objectives

At the end of the session, participants will be able to:

- Demonstrate up-to-date knowledge about the range of pharmacological treatments for epilepsy.
- Recommend appropriate therapy based on epilepsy presentation.
- Demonstrate up-to-date knowledge about special aspects of pharmacological treatment in women and elderly patients.

Saturday, May 7

Session 1: Epilepsy in the Islands: Stigmas, Treatment Gap and Health Care System Challenges Co-Chairs: Jaideep Kapur (USA) and Nathalie Jetté (USA)		
Time (EDT)	Talk Title	Speaker
10.00-10.15	Felt and Enacted Stigma in Epilepsy – Tools, Frequency and Potential Solutions in the Islands	Amza Ali (Jamaica)
10.15-10.30	The Epilepsy Treatment Gap – the Caribbean vs Other Regions of the World	Churl-Su Kwon (USA)
10.30-10.45	The Challenges of Establishing Epilepsy Care in the Islands	Vanita Shukla (Republic of Trinidad and Tobago)
10.45-11.00	Q&A	

Learning Objectives

At the end of the session, participants will be able to:

- Describe factors associated with stigma and negative attitudes and discuss possible solutions to addressing stigma in the islands.
- Understand and address the culturally appropriate aspects and consequences of epilepsy, including stigma.
- Recognize the various types of treatment gaps and how the treatment gap varies between the Caribbean and other regions of the world.
- Identify the challenges associated with setting up pediatric neurology and epilepsy care in the public healthcare/hospital setting in Trinidad and Tobago, how these can be addressed and future directions regarding pediatric epilepsy care in the region.

Saturday, May 7

Session 2: Epilepsy in the Tropics Chair: Jorge Burneo (Canada)		
Time (EDT)	Talk Title	Speaker
11.30-11.38	Case of SCD	Paula Robertson (Republic of Trinidad and Tobago)
11.38-11.58	Diagnosis and Management of Seizures in SCD	Charles Hammond, (Republic of Ghana)
11.58-12.23	Neurocysticercosis	Hector Garcia (Peru)
12.23-12.30	Q&A	

Learning Objectives

At the end of the session, participants will be able to:

- Recognize that seizures and epilepsy can be associated with Sickle Cell Disease (SCD).
- Learn the different approaches to assess and manage seizures in the context of SCD.
- Recognize NCC as the most common cause of epilepsy in the Tropic World.
- Learn how to diagnose and manage those with NCC affected by seizures.

Saturday, May 7

Session 3: Epilepsy in Challenging Settings: Impact of Emergencies and Disasters Co-Chairs: Julie Hall (UK) and Dave Clarke (USA)		
Time (EDT)	Talk Title	Speaker
13.30-13.45	Unique Concerns to Care Delivery during Natural Disasters in Small Island States	H.E. Dr. Aubrey Webson (Antigua & Barbuda)
13.45-14.00	Emergency Medical Response to Natural Disaster: Where Does Epilepsy Fit In?	Flavio Salio (Switzerland)
14.00-14.15	Maintaining Anti-seizure Medicine Supplies during Emergency/Disaster	Timothy Welty (USA)
14.15-14.30	Q&A	

Learning Objectives:

At the end of the session, participants will be able to:

- Articulate the rise in needs and scope of epilepsy care delivery challenges during emergencies or disasters.
- Understand the system of international support to emergency medical services and essential medicine supply.
- Discuss the different options for changing an individual's anti-seizure medicine prescription if faced with a sudden decrease in supply.
- Consider strategies for coordinating activities between stakeholders and in establishing rapid networks to support epilepsy care in small island states.
- Contemplate options for integrating emergency epilepsy care planning into overall planning for disasters and emergencies in small island states.

Saturday, May 7

Session 4: IBE Symposium: Impact of Epilepsy: A Global Perspective from the IBE Part I Co-Chairs: Gus Baker (UK) and Deirdre Floyd (Canada)		
Time (EDT)	Talk Title	Speaker
15:00-15.15	Advocates Toolkit for Making Epilepsy a Priority in the Region of the Americas	Mary Secco (Canada)
15:15-15.30	Epilepsy and Pregnancy Toolkit: Closing the Information Gap	Gus Baker (UK)
15:30-15.45	How to Leverage New Tech to Expand Social Reach with a Small Staff	Geoff DeLizzio (USA)

Session 5: IBE Symposium: Impact of Epilepsy: A Global Perspective from the IBE Part II Co-Chairs: Gus Baker (UK) and Deirdre Floyd (Canada)		
Time	Talk Title	Speaker
16.00-16.15	IBE 5-year Strategy: Achieving Transformational Social Change for People with Epilepsy	Donna Walsh (Republic of Ireland)
16.15-16.30	Initiatives to Raise Awareness: The Canadian Experience	Deirdre Floyd (Canada)
16.30-16.45	Q&A	

Learning Objectives

At the end of the session, participants will be able to:

- Have knowledge of the toolkits that are available to support Epilepsy chapters globally.
- Understand the role that the IBE plays in supporting chapters and be knowledgeable of the IBE's 5-year strategy.
- Be familiar with the work being undertaken by the IBE in North America.

Sunday, May 8

2022 Basic Science <i>Epilepsia</i> Open Prize Presentation Chair: Aristeia Galanopoulou (USA)		
Time	Talk Title	Speaker
09.15-09.22	Introduction and Award Presentation (Live)	Aristeia Galanopoulou (USA)
09.22-09.37	Talk by Award Winner	Morgan Sturgeon (USA)
09.37-09.45	Q&A	

Session 1: Diagnosis and Treatment Gaps Chair: Danielle Andrade (Canada)		
Time (EDT)	Talk Title	Speaker
10.00-10.15	Genetic Testing	Danielle Andrade (Canada)
10.15-10.30	Gaps in Geography	Jorge Burneo (Canada)
10.30-10.45	Epilepsy and Ethnicity	Joseph Sirven (USA)
10.45-11.00	Q&A	

Learning Objectives: Diagnosis and Treatment Gaps

At the end of the session, participants will be able to:

- Discuss the association of race and ethnicity with incident epilepsy; and the reporting of race/ethnicity in epilepsy clinical trials.
- Identify the factors that generate shortfalls in the diagnosis and treatment of epilepsy in remote or underserved areas.
- Consider the role of genetic testing in epilepsy diagnosis and management.

Sunday, May 8

Session 2: Tools to Bridge Geography in Epilepsy Care Chair: Dang Nguyen (Canada)		
Time (EDT)	Talk Title	Speaker
11.30-11.45	Mobile Applications to Enhance Treatment of Nonepileptic Seizures	Benjamin Tolchin (USA)
11.45-12.00	The Epilepsy Echo Project: A Telementoring Program	Sucheta M. Joshi (USA)
12.00-12.15	Ketogenic Diet Using Telemedicine	Roberto Caraballo (Argentine Republic)
12.15-12.30	Tele-EEG: The Ecuador Experience	Steven Coates (UK)
12.30-12.45	Q&A	

Learning Objectives

At the end of the session, participants will be able to:

- Manage ketogenic diet for epileptic patients in resource-poor areas via telemedicine
- Learn how to build a community of practice, learning, and support to increase epilepsy treatment capacity through telementoring.
- Identify equipment, software, and personnel required to implement remote interpretation of EEG for under-resourced countries.

Sunday, May 8

Session 3: Tools to Bridge Geography in Virtual Care Co-Chairs: Amza Ali and Michele Lashley (Barbados)		
Time (EDT)	Talk Title	Speaker
13.45-13.50	Introduction	Amza Ali (Jamaica)
13.50-14.05	Implementation of epilepsy quality improvement measures through global collaboration	Gaden Osborne (Antigua & Barbuda)
14.05-14.20	Utilizing screening questionnaires to aid in Epilepsy Diagnosis	Roxanne Melbourne Chambers (Jamaica)
14.20-14.35	The diagnostic, educational and research potential of phone video uploads of paroxysmal events	Sameer Zuberi (UK)
14.35-14.45	Q&A	

Learning Objectives

At the end of the session, participants will be able to:

- Document and communicate information about the cause and consequences of epilepsy.
- Interpret semiological signs and symptoms suggesting focal vs. generalized onset.
- Learn and recognise the seizure semiology and distinguish it from other non-epileptic manifestations.

Sunday, May 8

Session 4: Tools to Bridge Geography: Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders Co-Chairs: Samuel Wiebe (Canada) and Alla Guekht (Russia)		
Time (EDT)	Talk Title	Speaker
15.15-15.25	Overview of the WHO Global Action Plan	Alla Guekht (Russia)
15.25-15.35	Epilepsy as an Entry Point for the WHO Global Action Plan	Samuel Wiebe (Canada)
15.35-15.45	The WHO Global Action Plan: What It Means for Children and Youth with Epilepsy	J. Helen Cross (UK)
15.45-16.00	Q&A	

Learning Objectives

At the end of the session participants will be able to:

- Discuss the scope, vision, goal and strategic objectives of the 10-years Intersectoral Action Plan for Epilepsy and other Neurological disorders.
- Identify the ways of leveraging the IGAP to improve care for people with epilepsy.
- Consider examples of how focusing on epilepsy as an entry point can improve brain health.
- Estimate the priorities and strategies of the implementation of IGAP in North America.

Sunday, May 8

Congress Learning Objectives

At the end of the congress, participants will be able to:

- Demonstrate working knowledge of health care system challenges in the tropics and the islands, particularly issues with establishing epilepsy care in underserved, remote areas.
- Discuss the options available in virtual care and epilepsy care that bridge the diagnosis and treatment gaps in underserved areas, including implementation of epilepsy quality improvement measures through global collaboration.
- Articulate the role of neuropsychology in the care of people with epilepsy and demonstrate knowledge of the ongoing work of the Neuropsychology Task Force in highlighting the multifaceted contributions of neuropsychology and in developing recommendations for neuropsychologists and other professionals.
- State the role that the IBE plays in supporting chapters, and the spectrum of IBE toolkits available to support Epilepsy chapters globally•

Identify and describe seizure semiology using standardized ILAE terminology and classification systems; and demonstrate up-to-date knowledge about the range of pharmacological treatments for epilepsy.

- Articulate the rise in needs and scope of epilepsy care delivery challenges during emergencies or disasters, including, understanding the system of international support to emergency medical services and essential medicine supply; and considering strategies for coordinating activities between stakeholders and in establishing rapid networks to support epilepsy care in small island states.
- Describe advocacy and policy-based issues related to the Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders (IGAP).