

Regional Teaching Course Sub-Saharan Africa

Namibia
2025

Day 1: Thursday, 27 November 2025

08:30 – 09:00 Welcome and Opening

Topic 1: Epilepsy in Africa: Current Research, Treatment Strategies, and Access to Care

Chairs: Daniel Gams-Massi & Osheik Seidi

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| 09:00 – 09:25 | Atypical seizures, Mimics and Chameleons
<i>Paul Boon, Belgium - EAN</i> |
| 09:25 – 09:50 | Seizure Control in Resource-Limited Settings
<i>Jo Wilmshurst, South Africa - ILAE</i> |
| 09:50 – 10:15 | The Role of Traditional Medicine in Epilepsy Treatment in Africa: Integrating Modern and Traditional Approaches
<i>Moustapha Ndiaye, Senegal - AFAN</i> |
| 10:15 – 10:45 | Coffee break |

Topic 2: Neuroinfections in Sub-Saharan Africa: Challenges and Innovative Approaches

Chairs: Paul Boon & Jo Wilmshurst

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| 10:45 – 11:10 | Tuberculosis and the CNS: Managing Neurological Complications of TB in Sub-Saharan Africa
<i>Suzaan Marais, South Africa – AFAN (virtual)</i> |
| 11:10 – 11:35 | Effective and Emerging innovative Therapies for Neuroinfections
<i>Erich Schmutzhard, Austria – EAN (virtual)</i> |
| 11:35 – 12:00 | Neuroinfectious Disease Outbreaks: Lessons Learned and Preparedness for Future Pandemics in Africa
<i>Athanase Millogo, Burkina Faso - AFAN</i> |
| 12:00 – 13:00 | Lunch break |
| 13:00 – 13:30 | ... with Networking and Career development
<i>Melody Asukile, Zambia - AFAN</i> |

Topic 3: Neurological Emergencies: Best Practices and Response Protocols in Resource-Limited Settings

Chairs: Saara Neshuku & Vaja Zatjirua

13:30 – 13:55

Acute neuromuscular emergencies

Imen Kacem, Tunisia - AFAN

13:55 – 14:20

Seizure Emergencies: Diagnosis, Management, and Treatment in Africa

Daniel Gams-Massi, Cameroon - AFAN

14:20 – 14:45

Acute Meningitis and Encephalitis: Early Diagnosis and Treatment in Low-Resource Environments

Athanase Millogo, Burkina Faso – AFAN

Workshop 1: Hands-On Neuroimaging: Interpreting CT and MRI Scans for Neurology Residents

14:55 – 15:40 Practical session with illustrative case presentations, focusing on interpretation of common and critical neurological imaging, including stroke, tumors, neurodegenerative diseases and epilepsy.

Paul Boon, Belgium - EAN

Vaja Zatjirua, Namibia - AFAN

Saara Neshuku, Namibia - AFAN

15:40 – 16:10 Coffee break

Parallel sessions

Workshop 2: Performing and Interpreting EEGs: A Workshop for Neurology Residents

16:10 – 16:55 Electroencephalography (EEG), learning to recognize normal and abnormal patterns, with emphasis on epilepsy and other neurological disorders.

Lawrence Tucker, South Africa – AFAN

Workshop 4: Neurovascular Emergencies: Stroke Assessment, Diagnosis, and Acute Management

17:05 – 17:50 Practical training on assessing patients with suspected stroke, including using NIH Stroke Scale (NIHSS), neuroimaging interpretation, and thrombolysis protocol.

Muaz Elsayed, Sudan – AFAN

Workshop 3: Performing and Interpreting EMG and/or NCS: A Workshop for Neurology Residents

16:10 – 17:50 Practical Electroneuromyography (EMG) Workshop by IFCN

Imen Kacem, Tunisia – AFAN

Melody Asukile, Zambia - AFAN

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Day 2: Friday, 28 November 2025

Topic 4: Stroke

Chairs: TBA

09:00 – 09:25	The Emergency Management of Acute Stroke: Diagnosis and Treatment <i>Vaja Zatjirua, Namibia - AFAN</i>
09:25 – 09:50	Stroke in Children and Young Adults: Identifying and Addressing Risk Factors in Africa <i>Saara Neshuku, Namibia - AFAN</i>
09:50 – 10:15	Management of Stroke: Mimics and Chameleons in Resource Constrained Environments <i>Osheik Seidi, Sudan - AFAN</i>
10:15 – 10:45	Coffee break

Topic 5: Movement Disorders

Chairs: TBA

10:45 – 11:10	Hypokinetic MD <i>David Brodie-Mends, Ghana - MDS</i>
11:10 – 11:35	Hyperkinetic MD <i>Nkechi Obianozie, Nigeria - MDS</i>
11:35 – 12:00	Functional MD <i>Bettina Balint, Switzerland – EAN</i>
12:00 – 13:30	Lunch break
13:00 – 13:30	... with Working out a research protocol and how to publish it <i>Jeremy Tanner, USA - AAN</i>

Topic 6: Pediatric Neurology in Africa: Emerging Trends and Best Practices

Chairs: Melody Asukile and Athanase Millogo

13:30 – 13:55	Neuroinfections in Children: A Pediatric Perspective on Diagnosis and Management <i>Moustapha Ndiaye, Senegal - AFAN</i>
13:55 – 14:20	An approach to Muscular Disorders in Africa <i>Jo Wilmschurst, South Africa - ILAE</i>
14:20 – 14:45	Developmental Epileptic Encephalopathies : Diagnosis and Management <i>Jo Wilmschurst, South Africa - ILAE</i>

Parallel sessions

Workshop 1: Neurovascular Emergencies: Stroke Assessment, Diagnosis, and Acute Management

14:55 – 15:40 Practical training on assessing patients with suspected stroke, including using NIH Stroke Scale (NIHSS), neuroimaging interpretation, and thrombolysis protocol.
Muaz Elsayed, Sudan – AFAN

15:40 – 16:10 Coffee break

Workshop 3: Ethics; The Role of Genetics in Neurological Disorders: Implications for African Populations

16:10 – 16:55
Neurogenetic Case Presentations
Imen Kacem, Tunisia – AFAN
Riadh Gouider, Tunisia – AFAN

Workshop 2: Performing and Interpreting EMG and/or NCS: A Workshop for Neurology Residents

14:55 – 16:55 Practical
Electroneuromyography (EMG) Workshop
by IFCN
Melody Asukile, Zambia – AFAN
Saara Neshuku, Namibia – AFA

Day 3: Saturday, 29 November 2025

Topic 7: Advances in Dementia: Diagnosis, Treatment, and Management in Africa

Chairs: Steven Lewis and Jeremy Tanner

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| 09:00 – 09:25 | Challenges in Early Detection and Diagnosis of Alzheimer's Disease in Resource-Limited Settings
<i>Riadh Gouider, Tunisia - AFAN</i> |
| 09:25 – 09:50 | The Role of Neuroimaging in Early Diagnosis and Monitoring of Dementia
<i>Jeremy Tanner, USA - AAN</i> |
| 09:50 – 10:15 | Potential Treatable Causes of Cognitive Impairment and Dementia in Africa
<i>Raj Kalaria, UK</i> |
| 10:15 – 10:45 | Coffee break |

Topic 8: Headaches

Chairs: TBA

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| 10:45 – 11:10 | CNS demyelinating disorders in Africa
<i>Muaz Elsayed, Sudan – AFAN</i> |
| 11:10 – 11:35 | Management of Acute Headaches (Secondary Headaches: Identifying Red Flags and Underlying Causes in Africa When to Act Fast and How to Manage Acute Cases)
<i>Percy T. Kumire, Namibia - AFAN</i> |
| 11:35 – 12:00 | Chronic Headaches: Long-Term Management Strategies, Preventative Treatment and Patient Education in Africa
<i>Daniel Gams-Massi, Cameroon - AFAN</i> |
| 12:00 – 13:30 | Lunch break |
| 13:00 – 13:30 | ... with Networking in Research
<i>Osheik Seidi, Sudan - AFAN</i> |

Topic 9: Miscellaneous

Chairs: Riadh Gouider and Imen Kacem

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| 13:30 – 13:55 | Brain Health: a global and African perspective
<i>Steven Lewis, USA – WFN</i>
<i>Lawrence Tucker, South Africa - AFAN</i> |
| 13:55 – 14:20 | What can IGAP do for you, and what can you do for IGAP?
<i>Jo Wilmshurst, South Africa - ILAE</i>
<i>Osheik Seidi, Sudan - AFAN</i> |
| 14:20 – 14:45 | Panel Discussion: Strategies for neurology education in Africa and other resource limited environments
<i>Moderator: Lawrence Tucker, South Africa</i>
<i>Melody Asukile, Zambia – AFAN</i>
<i>Jo Wilmshurst, South Africa - ILAE</i>
<i>Osheik Seidi, Sudan - AFAN</i> |

Workshop 1: Neurological Exam Mastery: Practical Techniques for Accurate Diagnosis

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| 14:55 – 15:40 | Hands-on session to refine physical examination skills.
<i>Steven Lewis, USA - WFN</i> |
| 15:40 – 16:10 | Coffee break |

Workshop 2: Cases

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| 16:10 – 16:55 | Cases presented by participants and discussed with faculty
<i>Steven Lewis, USA - WFN</i>
<i>Jo Wilmshurst, South Africa – AFAN</i>
<i>Jeremy Tanner, USA -AAN</i>
<i>Lawrence Tucker, South Africa – AFAN</i> |
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Final Exam

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| 17:00 – 17:30 | Final exam with questions to self-test the learning from the 3 days
(participants bring their smart phone) |
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Closing remarks

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| 17:30 – 18:00 | Farewell and good-bye |
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