8th REGIONAL TEACHING COURSE
IN SUB-SAHARAN AFRICA
MAPUTO, MOZAMBIQUE
10 – 12 NOVEMBER, 2016

Organised by EAN – European Academy of Neurology

In cooperation with:

African Academy of Neurology
American Academy of Neurology
International Brain Research Organisation
International PD and Movement Disorder Society
World Federation of Neurology
World Stroke Organisation
and
Eduardo Mondlane University of Maputo, Mozambique

LOCAL ORGANISING COMMITTEE

Amina Ismael Daude
Lucia Chambal
Helder Lopes
Agueda Duarte
Albertino Damasceno
Dear Participants of the 2016 EAN Regional Teaching Course,

It is our pleasure welcoming you together with our local hosts, Dr Amina Ismael Daude, Dr Albertino Damasceno, and our co-organising Societies to this 8th Regional Teaching Course in Sub-Saharan Africa since 2008.

This series of courses has proven to be an extremely successful forum where African physicians meet with colleagues from all over the world to share knowledge, discuss important neurological problems and the ways to overcome these.

We hope that we can thereby contribute to improve the patients’ care in Africa and help African Neurologists and other medical doctors’ integration in the world-wide community of physicians.

A special welcome is to be given to the African Academy of Neurology who will be EAN’s partner by excellence in the future organisation of the Regional Teaching Courses.

EAN – European Academy of Neurology is proud to orchestrate this unique event in Africa, an example of academic cooperation and commitment.

We engage in helping this important development. I thank our team, particularly Prof. Erich Schmutzhard and Ms. Eveline Sipido for their efforts to organise this meeting and thank all our co-organisers for their engagement.

I wish all the participants a

Günther Deuschl

PRESIDENT
EUROPEAN ACADEMY OF NEUROLOGY

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STROKE IN SUB-SAHARAN AFRICA

**Thursday, 10 November 2016**

**MORNING SESSION**

9.00 – 13.00

**CHAIRS:**
- A. I. Daude, MOZAMBIQUE
- G. Deuschl, GERMANY

9.00 - 9.30

**Opening and welcome**
- E. Schmutzhard – EAN
- G. Deuschl – EAN
- A. Charway-Felli – AFAN
- R. Gouider – WFN Envoy
- Doutor Mohsin Sidat, Dean Faculty of Medicine Eduardo Modiane University

9.30 - 10.00

**Global epidemiology of stroke with specific reference to SSA**
- R. Akinyemi, NIGERIA

10.00 - 10.30

**Diagnostic and therapeutic management of stroke in SSA**
- J. Ferro, PORTUGAL

10.30 - 11.00

**Cardiogenic stroke**
- A. Damasceno, MOZAMBIQUE

11.00 - 11.30

**Coffee break**

11.30 - 12.00

**Post-stroke cognitive neurology in the SSA context**
- R. Kalaria, UK

12.00 - 12.30

**Post-stroke depression in the Africans**
- C. Napon, J. Kabore, BURKINA FASO

12.30 - 13.00

**Clinical case presentation**
- M. Rabiu, NIGERIA

13.00 - 13.30

**Exam**

13.30 - 14.30

**Lunch**

**AFTERNOON SESSION**

14.30 – 17.30

**CHAIRS:**
- David B. Clifford, USA
- H. Lopes, MOZAMBIQUE

**Rotating clinical case discussion groups chaired by the morning faculty members**

18.00 - 20.30

**Meet the Professor & Video Dinner – dedicated to Movement Disorders & Seizures/Epilepsy – a video-based overview for neurologists, residents, GPs and nurses**
- G. Deuschl, GERMANY
- H. Cock, UK

**NOTES**

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### EPILEPSY IN SUB-SAHARAN AFRICA

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<td>Ch. Newton, KENYA</td>
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<td>Epidemiology of epilepsy in SSA</td>
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<td>Diagnostic essentials in newly diagnosed epilepsy</td>
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<td>The current state of epilepsy guidelines – what is applicable in SSA</td>
<td>J. Wilmshurst, SOUTH AFRICA</td>
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<td>Treatment gap and possible therapies of epilepsy in SSA</td>
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### HIV AND THE NERVOUS SYSTEM IN SSA

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<td>9.00 - 9.30</td>
<td>Epidemiology of epilepsy in SSA: Recent epidemiology and epidemiological trends of HIV in SSA</td>
<td>Ch. Newton, KENYA</td>
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<td>HIV encephalopathy and other neurological complications in children with AIDS</td>
<td>J. Wilmshurst, SOUTH AFRICA</td>
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<td>Opportunistic infections of the CNS in African HIV patients</td>
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<td>IRIS and the nervous system</td>
<td>S. Marais, SOUTH AFRICA</td>
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**NEUROLOGY AND AFRICA**

**8th Regional Teaching Course (RTC) in Sub-Saharan Africa**

- **Akinyemi Rufus**, NIGERIA
  - African Representative, Young Stroke Professionals and Campaign Committees of World Stroke Organization Senior Research Fellow, Neuroscience and Ageing Research Unit, Institute for Advanced Medical Research and Training, College of Medicine, University of Ibadan Consultant Neurologist, Federal Medical Centre Abeokuta, Nigeria Director, Abeokuta Stroke Network PI, Genomics and Biorepository core of Stroke Investigative Research and Education Network (SIREN), Lead PI, IBADAN Brain Bank Project Co-Director, Centre for Genomics and Precision Medicine, College of Medicine, University of Ibadan, Nigeria. Research interest in ageing - associated vascular and degenerative brain disorders especially stroke, dementia and PD using basic, clinical, epidemiological and translational approaches. WSO – Words Stroke Organisation delegate

- **Clifford David B.**, USA
  - Seay Professor of Clinical Neuropharmacology in Neurology, Departments of Neurology and Medicine, Washington University in St. Louis, St Louis, Missouri, USA Clinical interests: NeuroAIDS complications and therapeutics, HAND, PML, toxoplasma encephalitis, cryptococcal meningitis, Also Alzheimer therapy. Global engagement currently in Ethiopia, developing learning and teaching bilateral exchange with Ayder Hospital, Mekelle Ethiopia. Prior projects in Uganda (AIDS dementia trials), The Gambia Senegal, Guinea Bissau (HIV2 neurology), and Bangkok (HAND). AAN – American Academy of Neurology delegate.

- **Cock Hannah**, SOUTH AFRICA
  - Professor of Epilepsy & Medical Education at St George’s University of London Consultant Neurologist, Atkinson Morley Epilepsy Group, St George’s Hospital, London. Chair, Education Committee and board member, European Academy of Neurology. Clinical lead, ebrain www.ebrainjc.com Clinical practice encompasses all aspects of the diagnosis and management of epilepsy, including epilepsy surgery and common comorbidities. Research interests epilepsy comorbidities Status epilepticus Dissociative /functional neurological disorders. EAN – European Academy of Neurology delegate.

- **Damasceno Albertino**, MOZAMBIQUE
  - Associated Professor of Internal Medicine and Head of the Department of Cardiology of the Eduardo Mondlane University. I have participated in a STEPS study on the etiology of Stroke in Maputo and also I am a member of the steering committee of the Intestroke.I have participated in several studies on heart failure and atrial fibrillation and stroke consequences.

- **Daude Ismael Amina**, MOZAMBIQUE
  - Senior neurologist consultant at Maputo private hospital, and Instituto do coracao, clinical interest: neurology and Hiv complications, stroke and epilepsy.

- **Deuschl Guenther**, GERMANY

- **Ferro Jose**, PORTUGAL
  - Full Professor of Neurology,University of Lisbon and Director of the Department of Neurosciences, Hospital Santa Maria,Lisbon,PortugalMember of the EAN task force neurology in Africa lectured in the Dakar and Khartoum EAN courses and in the 1st Stroke symposium in Maputo main interest: stroke and vascular cognitive impairment major research interests: cerebral venous thrombosis, young stroke and psychiatric complications of stroke. EAN – European Academy of Neurology delegate.

- **Goudier Riadh**, TUNISIA
  - Professor of neurology at the Razi Hospital in Tunis, Tunisia. His main interests evolve around Multiple Sclerosis with with research on epidemiology and clinical specificities in Tunisian dementia,inherited peripheral neuropathies and Epilepsy, with a main focus on neurophysiology and genetic of epilepsies. WFN – World Federation of Neurology envoy.

- **Kalouo Rej**, AFRICA
  - Director of the Neurovascular Research Group and lead investigator of the MRC Vascular dementia (VoD) programme in the Institute of Neuroscience, Campus for Ageing Vitality, at the old Newcastle General Hospital site and a Professor of Pathology (Cerebrovascular Diseases) at Newcastle University. Research interests include the interface between Alzheimer disease (AD) and VoD. Post-Stroke Dementia and Small Vessel Diseases of the Brain. Interests in the prevalence and risk factors of AD and VoD in indigenous populations of developing countries. Currently liaison officer for IBRO-WFN and Secretary-General of the International Society for Vascular Behavioural and Cognitive Disorders (VasCog). IBRO delegate who contributed to all 7 previous RTCs.

- **Marais Suaan**, SOUTH AFRICA
  - Performed my PhD investigating HIV-associated tuberculous meningitis at the University of Cape Town. Main research interests are HIV-associated neurological infections, in particular tuberculous meningitis.

- **Napon Christian**, THAILAND
  - Associate Professor of Neurology at Unity of Training and Research in the Health Sciences. University Ouaga 1 Professor Joseph Ki-Zerbo Interest area: Neurovascular pathologies, demenitions and neuropsychological disorders, neuroinfectiology, movement disorders, neurophysiology.

- **Newton Charles**, UK/KENYA
  - Professor of Psychiatry who has worked in Kenya for the last 26 years. He has conducted studies on epilepsy in five countries of Africa,and is particularly interested in the preventable causes of brain damage in children and adults in tropical Africa.

- **Schmutzhard Eric**, AUSTRIA
  - Professor of Neurology and Critical Care Medicine and Senior Lecturer on Tropical Neurology at the Medical University Innsbruck, Austria Guest Professor for Neurocritical Care Neurology in Ossijek, Croatia Tripoli, Libya and Putra, Kuala Lumpur, Malaysia. Head of the EAN Task Force: Neurology in Africa. Major research interest: Clinical and experimental critical care neurology, tropical neurology and neuroepidemiology. EAN – European Academy of Neurology delegate.

- **Wilmshurst Jo South**, AFRICA
  - Professor of Paediatric Neurology, Red Cross War Memorial Children’s Hospital, University of Cape Town. Main research interests paediatric epilepsy, neuromuscular diseases, neurocognitive disorders, neuroinfections and training in Africa.