



High Level National Course on Epilepsy and Basic Neurology in Central African Republic

Bangui August 29th - September 6th, 2024

Location: Bangui

A partnership between: The Italian Society of Neurology, DREAM Program, Global Health Telemedicine, The Foundation of the C. Besta Neurologic Institute, The Mariani Foundation and the patronage of the Lega Italiana Contro l'Epilessia

hour

INTRODUCTION to the COURSE

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| • Prof. Pierre Somse, Minister of Health, Central African Republic | 800 | 810 |
| • Prof. Alla Guekht, Elected President of the International League Against Epilepsy | 810 | 830 |

Opening Lecture:

The Intersectoral Global Action Plan and Lifelong Management of People with Epilepsy: focus on Low-Middle Income Countries

SPEAKERS

ENTRY TEST			830	900
Principles of neurology 1	Massimo	Leone	900	1100
<ul style="list-style-type: none"> • Epilepsy: how does our brain work? Anatomy and basic neurophysiology • Basic mechanisms in epilepsy • Main nervous systems: motor system, sensory system 				
coffee break			1100	1130
Principles of neurology 2	Massimo	Leone	1130	1300
<ul style="list-style-type: none"> • Movements disorders: loss of strength - weakness • Sensory disturbances: numbness, paresthesias, pain 				
1300-1430 LAUNCH				
Principles of neurology 3	Massimo	Leone	1430	1530
<ul style="list-style-type: none"> • Weakness and numbness in epilepsy • Questions & answers 				
coffee break			1530	1600
Epilepsy - 1	Maria	Tappatà	1600	1700
<ul style="list-style-type: none"> • Epilepsy: classification and epidemiology. • Epilepsy: definition. The seizure: main presentations 				

PRESENTATION OF THE COURSE

Central African Republic (CAR) government is committed to building an adequate healthcare system. In August 2019 DREAM started an epilepsy program in Bangui. In 2020 a partnership between DREAM, the Italian Society of Neurology (ISN), the Besta Neurologic Institute, the Global Health Telemedicine (GHT) and the Mariani Foundation was initiated for the purpose. DREAM is a primary public healthcare program started in 2002 to prevent and treat HIV/AIDS, active in 10 in sub-Saharan Africa countries with 50 health centres, 28 laboratories including molecular biology, > 500,000 HIV+ patients under follow up. The GHT teleneurology platform allows CAR clinicians to send questions to Italian neurologists. Five years after its initiation more than 1,500 people with epilepsy receive excellence care for free at the Bangui DREAM centre; 6 teaching and training courses on epilepsy and other neurologic conditions have been done to local healthcare personnel; about 500 teleneurology requests have been sent to Italian neurologists. In 2021 a video-EEG was installed and 360 EEG recordings have been sent to Italian specialists through the GHT platform. Based on these encouraging results, a long term agreement between CAR Ministry of Health and DREAM has been recently signed to further develop the epilepsy and neurology program in the country. This teaching and training course follows the agreement with the aim to empower local personnel to manage epilepsy so to improve life of patients living with epilepsy and/or other neurologic disorders.



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SPEAKERS

ALLA GUEKHT	Director, Moscow Research and Clinical Center for Neuropsychiatry Professor of Neurology, Pirogov Russian Medical Research University Treasurer and President-Elect, International League against Epilepsy Elected Trustee, World Federation of Neurology
MASSIMO LEONE	Department of Neurology, The Foundation of the Carlo Besta Neurologic Institute, IRCCS, Milan, Italy Advisor for Neurosciences and Medical Education DREAM Program, Rome, Italy GHT Telemedicine Director Neurology, Rome, Italy Vice-coordinatore Gruppo di Studio "La SIN e i paesi in via di sviluppo dell'Africa subsaariana"
BORIS TCHENEBOU	DREAM Program, Bangui, Central African Republic
MARIA TAPPATÀ	Coordinatrice Gruppo di Studio "La SIN e i paesi in via di sviluppo dell'Africa subsaariana" Department of Neurology, Bellaria Hospital, Bologna, Italy

hour

DAY 2

SPEAKERS

Epilepsy - 2	Maria	Tappatà	900	1100
<ul style="list-style-type: none"> Epilepsy: main differential diagnoses to include PNES, stroke, others Epilepsy: treatment: Generalized Epilepsy Epilepsy: treatment: Partial Epilepsy 				

coffee break			1100	1130
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The WHO Intersectoral Global Action 2021-2030 on epilepsy and other neurological disorders: focus on sub-Saharan Africa	Massimo	Leone	1130	1200
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Epilepsy - 3	Maria	Tappatà	1200	1230
<ul style="list-style-type: none"> Epilepsy and...: red flags in sub-Saharan Africa <ul style="list-style-type: none"> o With/without Fever o with weakness/numbness-paresthesia o With headache o With behavioral changes 				

Epilepsy- 4	Maria	Tappatà	1230	1330
<ul style="list-style-type: none"> Teleneurology and epilepsy in sub-Saharan Africa primary care Electroencefalography: bases 				

1330-1430 LUNCH

INTERACTIVE CASE PRESENTATIONS AND DISCUSSION 1	Boris	Tchnebou	1430	1630
	Maria	Tappatà		
	Massimo	Leone		

DAY 3

Epilepsy - 5	Maria	Tappatà	900	1100
<ul style="list-style-type: none"> Epilepsy: anti seizure medications interactions and side effects managements Epilepsy: issues about adherence and retention-in-care 				

coffee break			1100	1130
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INTERACTIVE CASE PRESENTATIONS AND DISCUSSION 2	Boris	Tchnebou	1130	1300
	Maria	Tappatà		
	Massimo	Leone		

POST COURSE TEST			1300	1330
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1330-1430 LUNCH

INTERACTIVE DISCUSSION OF POST COURSE TEST	Boris	Tchnebou	1430	1630
	Maria	Tappatà		
	Massimo	Leone		



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SANT'EGIDIO



Fondazione I.R.C.C.S.
Istituto Neurologico Carlo Besta
Onlus
Sistema Socio Sanitario
Regione Lombardia

FONDAZIONE
MARIANI
con i bambini per la neurologia infantile

LICE
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SOCIETÀ ITALIANA DI NEUROLOGIA

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CLINICAL ACTIVITIES FROM SEPTEMBER 2ND TO 6TH 2024

Training on the job and practical sessions will be done in this week.

Special attention will be given to the following:

Visiting patients

Adults epilepsy

Paediatric epilepsy

Collecting detailed history

The objective neurologic examination

Drug resistant epilepsy

Difficult to manage patients

How to perform EEG

How to build and send an appropriate teleneurology/ epilepsy tele-request to remote specialists

The DREAM software

Stigma 1: meeting patients and their families

Stigma 2: meeting the health care personnel.

Counselling

An overview on how is daily life of people living with epilepsy. Issues. How to help

The Brothers Karamazov (1879) Fëdor Dostoevskij

"According to the testimony of leading psychiatrists, individuals suffering from severe forms of epilepsy all have a continuous and naturally morbid tendency to feel guilty. They torment themselves over their "guilt" in this or that thing, in front of this or that person. They torment themselves with scruples of conscience that often, perhaps, have no foundation. They exaggerate and even invent on their own, to their own detriment, guilt and crimes."

Treating epilepsy, eradicating stigma from Africa