

3rd International **5th** & National Conference

Date : 15th and 16th November 2019

Venue : Auditorium
Bangladesh College of Physicians and
Surgeons (BCPS).

Theme:

*“Human Resource Development in the Field of Clinical
Neurophysiology in Countries with Limited Resources”*

Programme



**Bangladesh Clinical NeuroElectro
Physiologists Society (BCNEPS)**

**Pre-Conference Workshops on 14th November
and
Conference Program on 15th and 16th November 2019**

Pre-Conference Workshops

Date : Thursday, 14th November,
Time : 8.30 am - 5.00 pm
Venue : National Institute of Neurosciences
Sher-E-Bangla Nagar, Agargaon, Dhaka.

Workshop 1

To be conducted by
Prof. Zenobia Zaiwalla (UK)
Prof. Shakil Ahmed (Bangladesh)

Topics: Sleep Disorders, Polysomnography and Actigraphy

Workshop 2

To be conducted by
Prof. Ronit Pressler (UK)
Dr. Krishna Das (UK)

Topics: Routine electroencephalography (EEGs);
continuous video EEG monitoring and pre-surgical evaluation

PROGRAM FOR WORKSHOP 1

Venue: Conference Room, 2nd floor NINS

Time	Topic	Speaker
8.30 am – 9.00 am	Registration	
9.00 am - 9.40 am	Sleep medicine Overview of the Basics Anatomy and physiology	Prof. Zenobia Zaiwalla
9.40 am – 10.20 am	Sleep disorders In children, adolescents and adults	Prof. Shakil Ahmed
10.20 am - 10.40 am	Coffee	
10.40 am – 11.30 am	Overview of clinical presentation of sleep disorders in children adolescents and adults; How to take sleep history	Prof. Zenobia Zaiwalla
11.30 am – 1.00 pm	Record Reviewing Technique Actigraphy and PSG Case discussion	Prof. Zenobia Zaiwala
1.00 pm – 1.30 pm	Lunch	
1.30 pm – 2.30 pm	Travel to Sleep laboratory Whole team will go With their own transportation	Appalachian sleep disorder center, Flat C/4, House 52, road 28, Gulshan 1
2.30 pm – 3.30 pm	Practical demonstration, case discussion	
3.30 pm - 3.45 pm	Tea/ Coffee	
3.45 pm – 5.00 pm	Group discussion	

PROGRAM FOR WORKSHOP 2

Venue: Conference Room, 2nd floor NINS

Time	Topic	Speaker
8.30 am – 9.00 am	Registration	
9.00 am - 9.40 am	Normal EEG- Neonatal	RonitPressler
9.40 am - 10.10 am	Normal EEG- Older	Krishna Das
10.10 am - 10.30 am	Coffee	
10.30 am - 11.30 am	Abnormal EEG- Neonates	RonitPressler
11.30 am – 12.30 pm	Abnormal EEG- older	Krishna. Das
12. 30 pm – 1.30 pm	Lunch	
1.30 pm – 2.00 pm	Epilepsy syndromes - Neonates	RonitPressler
2.00 pm – 2.50 pm	Epilepsy syndromes - in older children, adolescents	KrishnaDas
2.50 pm – 3.10 pm	Coffee	
3.10 pm – 3.40 pm	EEG Monitoring including in ITU	Ronit Pressler
3.40 pm – 4. 20 pm	Presurgical evaluation, including invasive EEG	Krishna Das
4.20 pm – 5 pm	Group discussion	

Conference on FRIDAY 15th November

- 8.00 - 8.30 am Registration
- 8.30 – 10.30 am Session 1:
Neonatal EEG and Neonatal Seizure
Chair : **Professor Soofia Khatoon**
Academic Director & head of Pediatrics
Department, Center for Women and
Child Health, Ashulia, Savar, Dhaka
Professor Mahmood Ahmed Chowdhury
Ma O Shishu Hospital, Chittagong
Speaker : **Prof. Ronit Pressler**
UK
- 8.30 – 9.00 am Technical aspects of neonatal EEG
(Special electrode, Electrode placement, duration of
recording, continuous monitoring at NICU)
- 9.00 – 9.40 am Indication for EEG recording during neonatal period
Normal activity in neonatal period and their maturation.
- 9.40 – 10.20 am Neonatal seizures: an overview
Electroclinical correlation, diagnosis and
Differential diagnosis, underlying pathology, treatment
- 10.20 - 10.30 am Certificate giving session to the doctors and technicians
passed level 1 BCNEPS course 2018
- 10.30 – 11.15 am Inauguration ceremony
- 11.15 – 11.45 am Tea
- 11.45 am – 1.00 pm **Session 2**
Sleep disorder Polysomnography and Actigraphy
Chair : **Professor Muhammad SI Mullick**
Adolescent and Child Psychiatrist
Chairman of Psychiatric department, BSMMU
Professor Naila Z Khan
Director, Clinical Neurosciences Center
BPF, Mirpur
- 11.45 – 1.00 pm Speaker : **Prof. Zenobia Zaiwalla**
Sleep Disorders: An Overview
- 1 pm – 2 pm Lunch break and Poster session

2 pm – 4.30 pm	Session 3 Sleep disorder Polysomnography and Actigraphy
	Chair : Professor Muhammad SI Mullick Adolescent and Child Psychiatrist Chairman of Psychiatric Department, BSMMU Professor Naila Z Khan Director, Clinical Neurosciences Center BPF, Mirpur
2 pm – 2.07 pm	Speaker : Dr. Mohammad Saleh Uddin Associate Professor Psychiatry Department, BSMMU Patients with sleep disorders in psychiatry,
2.07 - 3.00 pm	Speaker : Prof. Shakil Ahmed Dept. of Pediatrics, Suhrawardy Medical College and Medial College Sleep disorders in children and adult, Polysomnography and management, Bangladesh perspective
3 pm – 3.40 pm	Speaker : Prof. Zenobia Zaiwalla Non-respiratory sleep disorders: history taking, daily sleep chart, actigraphy and PSG, clinical correlation, monitoring, management
3.40 - 4.00 pm	Quiz : Prof Zenobia and Prof. Shakil Ahmed
4.00 – 4.15 pm	Tea
4.15 - 4.30 pm	Speaker : Prof. Zenobia Zaiwalla How to organize a Sleep Laboratory and hospital arrangement for sleep test.

SATURDAY, 16TH November

8.00 - 10.30 am **Session 4**

EEG in infants, children and adolescent

Chair : **Professor Mizanur Rahman**

Chairman of the Pediatric Neurology Department,
BSMMU

Prof. Iffat Ara Shamshad

Department of Pediatrics
Dhaka Medical College Hospital

8.00 - 8.30 am Speaker : **Dr. Krishna Das, UK.**

Normal EEG in infants, children and adolescent,
How the equipment setting and calibration
can affect the EEG output.

8.30 - 9.30 am Speaker : **Dr. Krishna Das, UK.**

Abnormal EEGs, epileptic encephalopathy, source
localization, How to differentiate non-seizure
phenomena/ pseudoseizures
VIDEO telemetry, presurgical evaluation.

9.30 - 10.10 am Poster and case ppt. for 3 minutes each presenter, followed
by panel discussion.

Dr. Gopen Kundu

Dr. Razia, Dr. Naznin Akter,

Dr. Fatema Ferdous

Dr. Kaniz Fatema,

Dr. Jalal Uddin Rumi

Dr. Naheed Nabi

10.10 - 10.45 am Quiz with video EEG and slides

(Dr. Krishna Das ? seizure or not, type of seizure)

10.45 - 11.00 am Tea

11.00 am - 1.30 pm **Session 5**

Therapeutic use of Neurophysiology, Evoked potentials,
NCV and EMG in children and adults

Chair : **Professor Dr. Md. Adnan Kiber**

Department of Electrical and Electronic
Engineering, Faculty of Engineering and
Technology, University of Dhaka

Professor Wahida Khanam

Head of the Pediatric Department
Institute of Child and Mother Health
Matuail, Dhaka

- 11.00 - 11.50 am Speaker : **Professor Khondkar Siddique-e-Rabbani**
Neurophysiological measurements
- 11.50 - 12.20 pm Speaker : **Mr. Osman Goni**
Specialist therapist
Non-invasive brain stimulation: an emerging therapy
in Stroke, and neurodevelopmental disorders:
3 experience in Bangladesh
- 12.20 - 12.30 pm Speaker : **Dr. Mahmuda Hossain**
Senior Neurologist, ICMH,
Evoked potentials in the management of childhood
onset neurological disorders, Technique and
evaluation, clinical correlation”
- 12.30 - 1.00 pm Speaker : **Dr. Krishna Das**
Examples of VIDEO monitoring and
invasive EEG
- 1.00 – 1.20 pm 3 minutes allowed each presenter
Speaker : BCNEPS L2 students
A difficult to control seizure case: Serial EEG
recording does it help in clinical management?
Discussants : **Dr Krishna Das, Dr. Naila Z K, Dr. Mahmuda H,
Dr. Selina H B** will select the best presenter.
- 1.20 - 1.40 pm Speaker : **Professor Khondaker A. Mamun**
Dept. of CSE,
AIMS Lab United International University, Dhaka
Brain Computer interface for therapeutic
intervention of neurodevelopmental disorders
- 1.40 - 2.30 pm **Lunch**
- 2.30 - 5.00 pm **Session 6**
Neurogenetics and Neuroradiology
Chair : **Professor Ekhlaur Rahman**
Head of pediatrics department
Anwara Khan Modern Hospital and
Professor. Nazneen Akhter Banu
Head of Pediatric Department
Sir Solimullah Medical College Hospital
Dr. Rafeal Mursalin
Head of Radiology Department
Care Medical College and Hospital

- Speaker : **Prof. Dr. Kader KarlıOğuz**
Hacettepe Üniversitesi
Radyoloji AD. Ankara
Neuroradiology (Neuroimaging and congenital cerebral Epilepsy and intractable Seizures and congenital Cerebral anomalies)
- 2.30 - 2.36 pm Speaker : **Dr. Tanjina Sharifa**
BCNEPS L2 student, ICMH
Correlating EEG and Neuroimaging features.
- 2.36 - 2.43 pm Speaker : **Dr. Mashaya Zaman**
Research Officer and MO, Neurology Dept.
Dr. MR Khan Shishu Hospital and ICH, Mirpur
The SYNAPS International Collaboration study in Bangladesh: Electroclinical correlation of the positive cases
- 2.43 - 3.13 pm Speaker : **Professor Mizanur Rahman**
BSMMU, Dhaka
Neurogenetic disorders in children, correlation with electrophysiology, Bangladesh perspective”
- 3.13 - 4.00 pm Speaker : **Professor Henry Houlden**
Prof. Salpiatro Damiano Vincenzo
UK
Neurogenetics in epilepsy and movement disorders: an overview
- 4.00 - 4.15 pm **Tea**
- 4.00 - 5 pm BCNEPS Executive Committee Meeting