

# SCHOOL ON TRANSITIONAL EPILEPSY CLINIC



**Time: 2 days**

**Facilitators: M. Mohammadi M.D., M. Motamedi M.D.**

School on transitional epilepsy clinic course is an intensive, 2-day course, designed to instruct in core competencies related to epilepsy diagnosis and pharmacologic treatment, and counseling (core competencies 1,2, 3, and 6) in patients with epilepsy.

**Moderator: M. Motamedi MD**

Professor, Neurology, and Epilepsy | Department of Pediatric Neurology, Tehran University of Medical Sciences

## Faculty and Board Members

Mahmoud Mohammadi, Reza Azizimalamiri, Bahram YarAli, Reza Shervin Badv, Jafar Mehavri Habibabadi, Sohrab Hashemi Fesharaki, Mahmoud Motamedi, Navid Naghibi

## Learning objectives according to ILAE curriculum

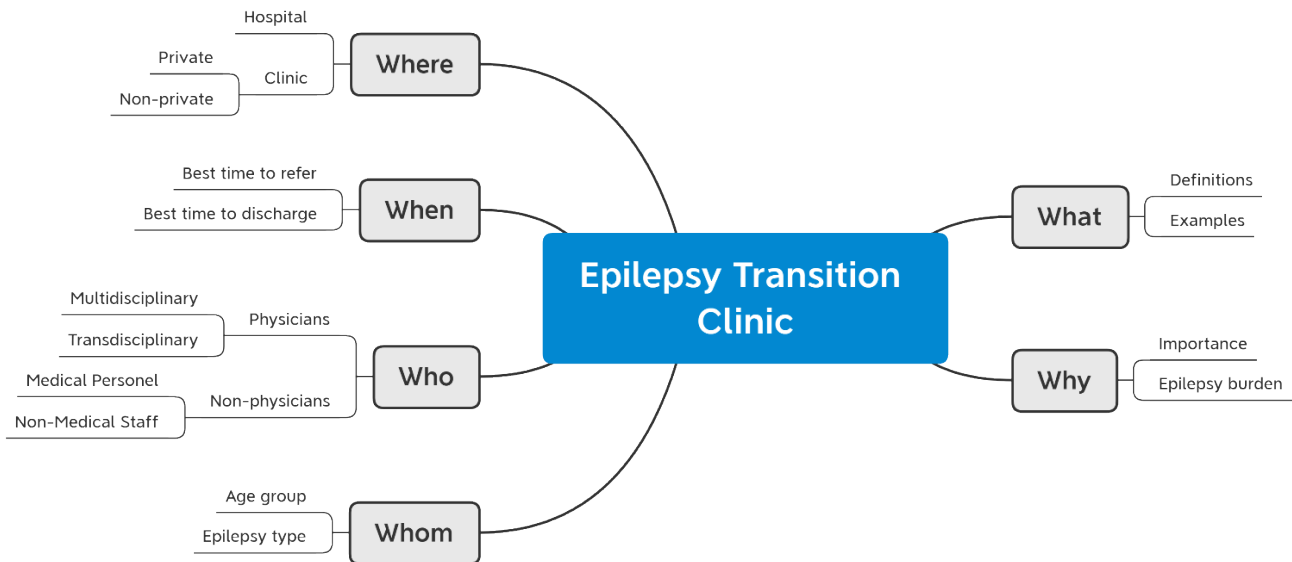
- 1.1.1 Describe the major etiologies for epilepsy (i.e. structural, genetic, infectious, metabolic, immune, and neurodegenerative), (L1).
- 1.2.1 Decide on which patients to do genetic testing, (L2).
- 1.2.2 Decide what type of genetic testing to conduct, (L3).
- 1.2.3 Interpret and apply the results of genetic testing accurately in the clinical context, (L3).
- 1.5.2 Decide on whom to do structural neuroimaging, (L1).
- 1.5.3 Decide when to conduct neuroimaging and repeat as needed, (L2).
- 1.8.2 Recognize the semiology of PNES and the use of video-EEG procedures and suggestion techniques in the diagnosis of suspected PNES, (L2).
- 2.1 Understand and address the culturally-appropriate aspects and consequences of the diagnosis of epilepsy, including stigma, (L1).
- 2.2.1 Provide guidance on social issues including school integration, work, legal, and related aspects, (L1).
- 2.2.2 Provide guidance regarding lifestyle matters, such as driving, sports, alcohol, stress, sleep, drug use, and non-adherence, (L1).
- 2.2.3 Provide guidance regarding safety issues related to seizures, (L1).
- 2.3.2 Educate patients and family about the disease specifics (e.g. prognosis, self-limiting, risk factors, etc.), (L2).
- 2.3.5 Provide information to patients regarding potential adverse effects of antiepileptic drugs, (L1).
- 2.4.1 Advise patients in remission, (L2).
- 2.4.2 Advise patients with uncontrolled seizures, (L2).

- 2.5 Recognize when to refer patients for higher level of care (e.g. prolonged video-EEG recording, pre-surgical evaluation, uncontrolled epilepsy, lesional epilepsy, epileptic encephalopathy, psychiatric comorbidity, genetic counseling, etc.), (L1).
- 2.6 Counsel women of childbearing age about the implications and management of epilepsy, (L2).
- 2.10.1 Understand and address the culturally appropriate aspects and consequences of the diagnosis of PNES, (L1).
- 2.10.2 Communicate information about the causes and consequences of PNES and the potential of psychological treatment, (L2).
- 2.10.3 Counsel patients about tapering inappropriate antiepileptic drugs and the role of other medications (anxiolytics, antidepressants) in PNES, (L2).
- 3.1.2 Demonstrate knowledge of pharmacokinetics and pharmacodynamics, (L1).
- 3.2.2 Recommend appropriate therapy according to epilepsy syndrome, (L2).
- 3.3.4 Define treatment strategies considering issues specific to sexual function and dysfunction, (L2).
- 6.1.1 Recognize psychiatric comorbidities, such as depression, anxiety, attention deficit and hyperactivity disorder, psychosis and autism spectrum disorders, (L2).
- 6.2 Demonstrate the ability to diagnose and manage somatic comorbidities, (L2).

## Topical Concept Map

### Target group

L1-L3 according to ILAE curriculum.



### Format

Real, including 30 to 35 participants, also could be run in blended (real and virtual simultaneously) format, the appropriate infrastructure is available.

## Draft Program

	Item	Moderator
<b>Day 1</b>		
45 min	Welcome, Introduction to school objectives	M. Motamedi
45 min	Definitions and different models in the world	M. Mohammadi
1 hr	Case presentation and small group discussion	Board Members
45 min	Why it's an important issue?	J. Mehvari
30 min	Break and free discussions	
1 hr	Adolescence; why it is a unique period of life?!	R. Azizimalamiri
45 min	How to deal with adolescents with epilepsy? Group exercise and discussion on some cases	Board Members
1 hr	Whom should be cared? (Different patients with different needs!)	Dr. Fesharaki
45 min	Group exercise and discussion on some interesting cases	Board Members
<b>Day 2</b>		
1 hr	Neurogenetics (how important it is in transition?!)	R. Sh. Badv
30 min	Group exercise and discussion on some cases	Board Members
1 hr	Epileptic syndromes more seen in transition clinic.	N. Naghibi
30 min	Case Presentation and discussion	Board Members
30 min	Break	
1 hr	Proper detection, and efficient intervention, and prognostication	M. Motamedi
30 min	Case based discussions	Board Members
1 hr	How to approach at best?! (Actual successful models in the world)	B. YarAli
30 min	Suggestions for countries of lesser resources; small group discussion	Board Members
1 hr	Discussion on survey done amongst Iranian neurologists	M. Mohammadi
45 min	Post-test and wrapping up	

## Language

The school will be hold in Farsi but simultaneous translation will be available if indicated.

## Evaluation

Kirkpatrick model (Level 1 and 2 by online posttest and survey)