



Neuromodulation for the Treatment of Epilepsy:

Stimulation of the Thalamus for Arousal Restoral in Temporal Lobe Epilepsy (START)



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Friday, February 14th, 2020, 7:50 am, Cohen Auditorium,

NIHB E 02 - 230 South Frontage Road

Course Director/Host: Jason Gerrard, MD, PhD/Murat Gunel, MD

This course will fulfill the licensure requirement set forth by the State of Connecticut

ACCREDITATION

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

DESIGNATION STATEMENT

The Yale School of Medicine designates this educational activity for 1 AMA PRA Category 1 Credit(s)[™]. Physicians should claim credit commensurate with the extent of their participation in the activity.

NEEDS ASSESSMENT

The fields of neuromodulation and closed loop neuromodulation in the treatment of neurologic disorders such as epilepsy is rapidly expanding. There is a need for these new treatment options for patients with refractory epilepsy and other neurologic disorders. There is also a need to improve and expand the devices that are available for these treatments. Finally, a better understanding regarding the biomarkers of neural network state and function is paramount in this field.

LEARNING OBJECTIVES

At the conclusion of this activity, participants will learn:

1. Describe the differences between closed loop and open loop neuromodulation.
2. Describe the findings of the SANTE (Stimulation of the anterior nucleus of the thalamus for treatment of epilepsy) trial and its impact on epilepsy treatment.
3. Identify loss of consciousness as the major morbidity of epilepsy.

FACULTY DISCLOSURES

Jason Gerrard, MD, PhD – Yes

Murat Gunel, MD – none

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