Abstract:
Caring for patients with migraines and epilepsy takes a team approach in both the inpatient and outpatient setting. We will review where migraine and epilepsy intersect. We must have a level of suspicion to look for the rare disorder of Migraine aura-triggered seizure (migralepsy) in order to identify the patients who will benefit most from additional evaluation and specific management. Clear identification of the right diagnosis will aid in the appropriate workup and management. Treatment will improve the patient’s quality of life, which in the end is the main goal as headache providers.
During this presentation we will review where migraine, aura, and epilepsy overlap. We will review ICHD3-Beta diagnoses of migraine and epilepsy overlap syndromes included both in the main body of the ICHD-3 and in the appendix. We will review pathophysiological mechanisms and how these disorders overlap in the clinical setting. We will review best approaches in the evaluation of these patients, including additional testing and monitoring. Finally we will discuss management of patients in the setting of real clinical cases.

At the conclusion of this presentation, attendees should be better able to:
- Using the ICHD3 Beta to define the cross section between migraine and epilepsy (1.2.3.1 Familial hemiplegic migraine, 1.4.4 Migraine aura-triggered seizure, 7.6 Headache attributed to epileptic seizure, 7.6.1 Hemicrania epileptic, 7.6.2 Post-ictal headach
- Review the common clinical features of migraine, aura, and epilepsy
- Review possible mechanisms and current research on the intersection of migraine and epilepsy
- Critical evaluation of the differential diagnosis and workup in this patient population
- Treatment guidance for patients that present with migralepsy