

December 2nd AHD Learning Objectives

Multiple Sclerosis Lecture- Dr. Laurin

1. Describe the pathophysiology of multiple sclerosis. List several risk factors for the disease
2. Describe the most common presenting signs and symptoms for which a clinician should consider a diagnosis of multiple sclerosis
3. Understand how to make the diagnosis of multiple sclerosis using the McDonald Criteria
4. Describe the clinical phenotypes of Multiple sclerosis
5. Understand how to manage the complications of MS such as fatigue, bowel and bladder dysfunction, walking speed, and pseudobulbar affect
6. Know the first line therapies for MS and the side effects of the second-line therapies, specifically fingolimod, dimethyl fumarate and natalizumab.

Seizure Lecture- Dr. Durojaye

1. Define epilepsy, simple partial seizure, complex partial seizure, tonic-clonic seizure, and absence seizure
2. Make a differential diagnosis for seizure and describe ways to distinguish these diagnoses from a true seizure
3. Describe the initial management of a first seizure in an adult and the appropriate evaluation, including indications for CT, MRI or lumbar puncture
4. Describe the indications for anti-seizure drug therapy for partial versus generalized epilepsy
5. Define status epilepticus and describe its treatment algorithm.