October 5th Guest : Dr. Jean-Ronel Corbier

Conversation: Seizures and Autism

Epilepsy is one of the most common neurological disorders affecting children and adults and seizures are the most common neurological complication in autism. There is a higher than expected number of children with autism that also have seizures . We will define key terms such as a seizure, epilepsy, and pediatric epilepsy syndromes and will explain how seizures are evaluated. We will discuss different causes of seizures and will spend the rest of our time discussing various treatment options that range from pharmaceutical and dietary approaches to neuromodulation interventions.

An important part of the talk will be to understand the complex interrelationship between seizures and ASD. We will see how an understanding of seizures and ASD can allow us to have a broader understanding of ASD itself and various related problems including language and speech disturbances, behavioral abnormalities and, finally neurometabolic and neurogenetic conditions encountered in ASD.



Dr. Jean-Ronel Corbier is a medical doctor who is board-certified in neurology with special qualifications in child neurology. He works with pediatric as well as adult patients with various neurological conditions.

Dr. Corbier earned his medical degree in 1995 from the College of Human Medicine at Michigan State University in East Lansing, Michigan. He completed electives in adult and child neurology at Johns Hopkins Medical Center in Baltimore, Maryland, the Mayo Clinic in Roches-



ter, Minnesota, and the University of Michigan in Ann Arbor, Michigan. While in medical school, Dr. Jean-Ronel Corbier also enrolled in an interdisciplinary health and humanities graduate program during which he spent a summer in England (University of London) studying medical ethics and medical history. He completed his neurology training at the Children's Hospital Medical Center of Cincinnati. As a senior fellow he was placed in charge of the neurology clerkship and taught neurology to medical students at the Cincinnati Children's Hospital.

Dr. Corbier has been in clinical practice since 2000. He has been recognized for his work on autism and has been invited to speak at national conferences on this topic. He has shared his work on TV, radio and through various lectures and workshops. Dr. Corbier is authored several books which include three on Autism.

Dr. Corbier is founder and medical director of the Brain Restoration Clinic in Indian Land, South Carolina. Dr. Jean-Ronel Corbier is dedicated to the study of nutrition, biomedical and neuromodulation interventions, and their role in the treatment of various brain-related disorders.