

21<sup>st</sup> World Congress on

# Neurology and Therapeutics

March 15-17, 2018 | London, UK

## Applied and integrated science of epilepsy

**Majed H Al-Hameed**

King Fahad Medical City, Saudi Arabia

The neurodiagnostic tools employed in the epilepsy work-up, diagnosis and management have come a long way – from the basic scalp EEG to the multitude of advanced neurophysiology and neuroimaging techniques available today. In this presentation, I will describe the series of steps and tests that are used to evaluate the patients with epilepsy, and will link these to our advances in the understanding of epilepsy from basic research, and animal and human models. The presentation will cover neurodiagnostic tools of EEG, quantitative EEG, neurometabolic imaging techniques and their clinical utility in the modern medicine.

malhameed@kfmc.med.sa

Notes: