

# 8<sup>th</sup> Global Ophthalmology Meeting

July 18-19, 2016 Chicago, USA

## Advanced MR imaging of the visual pathway

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Imaging is one the most critical parts of the clinical care. MRI becomes widely available as a powerful diagnostic tool for patients suffering from vision loss. The purpose of this clinically oriented presentation is to review: Clinical indications, key imaging findings of diseases involving the visual pathways and advanced MR techniques including Diffusion Weighted Imaging (DWI), Diffusion Tensor Imaging (DTI), Magnetization Transfer (MTR) and functional MRI. The presentation contains multiple hand drawn diagrams super-imposed on cross-sectional imaging, clinical MR images, correlating visual field maps and fundoscopic images. The review will be valuable to trainees, researchers and practicing clinical ophthalmologists. It may cover 30-60 minutes as deemed appropriate by the organizing committee.

### Biography

Bundhit Tantiwongkosi has completed his MD from Mahidol University, Thailand, Diagnostic Radiology Residency at Northeastern Ohio Universities, USA and Neuroradiology Fellowship at University of California, Los Angeles (ULCA). He is currently an Assistant Professor of Radiology, Neuroradiology Division at University of Texas San Antonio. He has published more than 18 papers in peer-reviewed journals and has been serving as an Editorial Board Member of *Journal of Ear, Nose and Throat Disorders*, *Central Nervous System Tumors: Clinics in Oncology* and *Clinic in Surgery*.

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