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Neuro-Ophthalmologic diagnoses you do not want to miss

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The presentation will elaborate on five neuro-ophthalmologic disorders, part of a much longer list, which can potentially cause death or blindness if not diagnosed and treated correctly: (i) Aneurysmal third nerve palsy- the aneurysm is not the most common compressive lesion causing third nerve palsy, but it has the highest mortality if untreated; (ii) Giant Cell Arteritis- is an idiopathic inflammatory vasculitis affecting small to medium size arteries, which can cause blindness, but also cerebral infarction and cardiac ischemia; (iii) Myasthenia Gravis- is an autoimmune disease of the neuromuscular junction, which has both an ocular and generalized form. Myasthenic crisis is a neurologic emergency, which could cause paralysis of the muscles of breathing; (iv) Pituitary apoplexy results from hemorrhagic infarction of the pituitary gland, and causes acute endocrine and neurologic symptoms and; (v) Pseudotumor cerebri or idiopathic intracranial hypertension is a condition of unknown cause that produces elevated intracranial pressure and papilledema primarily in young obese females, and in about 25% of cases might cause visual dysfunction.

Biography

Shlomo Dotan is working as the director of the Neuro-Ophthalmology Service at the Hebrew University-Hadassah Medical Center in Jerusalem for more than two decades. He is part of the Editorial Board of the esteemed journal - Neuro-Ophthalmology. His major research project in the past was The Optic Neuritis Treatment Trial Study and The International Optic Nerve Trauma Study which were published in The New England Journal of Medicine and several ophthalmological journals. He is currently involved in several scientific projects investigating therapeutic aspects in MS, NMO and NAION. He is member of the Israel Medical Association, Israel Ophthalmological Society, North American Neuro-Ophthalmology Society, and American Academy of Ophthalmology, European Neuro-Ophthalmology Society, and the European Ophthalmological Society. He has been giving lectures worldwide on various ophthalmological and neuro-ophthalmological topics and has published articles in several prestigious medical journals. He has been part of many esteemed conferences held in Europe, including Israel.

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