

The proper control of eye movements requires the coordinated activity of many different anatomic structures in the peripheral and central nervous system, and in turn, manifestations of a diverse array of neurologic and medical disorders are revealed as disorders of eye movement. In this remarkable video collection, an introduction to distinctive eye movement disorders encountered in the context of neuromuscular, paraneoplastic, demyelinating, neurovascular, and neurodegenerative disorders is presented.

#### Cases with Multiple Sclerosis

- VIDEO 41e-1** Fisher's One-and-a-Half Syndrome (ID164-2)  
**VIDEO 41e-2** A Case of Ocular Flutter (ID166-2)  
**VIDEO 41e-3** Downbeat Nystagmus and Periodic Alternating Nystagmus (ID168-6)  
**VIDEO 41e-4** Bilateral Internuclear Ophthalmoplegia (ID933-1)

#### Cases with Myasthenia Gravis or Mitochondrial Myopathy

- VIDEO 41e-5** Unilateral Ptosis: Myasthenia Gravis (Thymic Tumor) (ID163-1)  
**VIDEO 41e-6** Progressive External Ophthalmoplegia (Progressive External Ophthalmoplegia: Mitochondrial Cytopathy) (ID906-2)

#### Cases with Paraneoplastic Disease

- VIDEO 41e-7** Paraneoplastic Upbeat Nystagmus, Cancer of the Pancreas, Positive Anti-Hu Antibody (ID212-3)  
**VIDEO 41e-8** Paraneoplastic Ocular Flutter, Small-Cell Adenocarcinoma of the Lung, Negative Marker (ID936-7)  
**VIDEO 41e-9** Opsoclonus/Flutter, Bilateral Sixth Nerve Palsy, Adenocarcinoma of the Breast, Negative Marker (ID939-8)

#### Cases with Fisher's Syndrome

- VIDEO 41e-10** Bilateral Ptosis: Facial Diplegia, Total External Ophthalmoplegia, Positive Anti-GQ<sub>1b</sub> Antibody (ID944-1)

#### Cases with Vascular Disease

- VIDEO 41e-11** Retinal Emboli (Film or Fundus) (ID16-1)  
**VIDEO 41e-12** Third Nerve Palsy (Microinfarct) (ID939-2)

#### Case with Neurodegenerative Disease

- VIDEO 41e-13** Apraxia of Eyelid Opening (Progressive Supranuclear Palsy) (ID932-3)

#### Case of Thyroid-Associated Ophthalmopathy

- VIDEO 41e-14** Restrictive Orbitopathy of Graves' Disease, Bilateral Exophthalmos (ID925-4)

#### Case with Wernicke's Encephalopathy

- VIDEO 41e-15** Bilateral Sixth Nerve Palsies (ID 163-3)

#### Case with the Locked-in-Syndrome

- VIDEO 41e-16** Ocular Dipping (ID 4-1)

#### Case in a Comatose Patient

- VIDEO 41e-17** Downbeat Nystagmus (ID 166-11)

#### Case Two Years After a Pontine Hemorrhage

- VIDEO 41e-18** Palatal Tremor (ID 936-4)

The Video Library of Neuro-Ophthalmology shows a number of cases with eye movement disorders. All the clips are taken from Dr. Shirley Wray's collection on the NOVEL website.

To access go to:

<http://NOVEL.utah.edu/Wray>

<http://Respiratory.Countway.Harvard.edu/Wray>

and/or to her book

*Eye Movement Disorders in Clinical Practice*

Shirley H. Wray, MD, PhD, Oxford University Press, 2014.