<u>STUDY GUIDE 1: Practical Neurology DVD Review</u>
View the referenced DVD patient cases, especially if no hospital or clinic patients are encountered for any one condition or syndrome. The DVD patient cases are referenced by "condition or syndrome" in STUDY GUIDE 1:

Condition or syndrome: **FOCAL WEAKNESS OR NUMBNESS** 

| Viewed? | Case | Diagnosis of Patient   |
|---------|------|--|
|         |      | NEUROMUSCULAR  |
|         | 1    | Bilateral Carpal Tunnel in Pregnancy                           |
|         | 2    | Ulnar Neuropathy at the Elbow                                  |
|         | 3    | Peripheral Facial Nerve Palsy                                  |
|         | 4    | Hypoglossal Nerve Palsy  |
|         | 5    | Brachial Plexopathy (Parsonage-Turner Syndrome)                |
|         | 6    | Polyneuropathy/Sensory Neuronopathy                            |
|         | 7    | L-5 Radiculopathy (Disc Herniation)                            |
|         | 8    | Foot Drop: History of Arthroscopic Surgery                     |
|         | 9    | Motor Neuron Disease   |
|         | 10   | Myasthenia Gravis  |
|         | 11   | Myotonic Dystrophy   |
|         |      | SPINAL CORD  |
|         | 12   | Posttraumatic Cervical Syringomyelia                           |
|         | 14   | Cervical Myelopathy  |
|         | 15   | Ischemic Myelopathy  |
|         | 16   | Paraparesis after Nitrous Oxide Anesthesia                     |
|         |      | CEREBROVASCULAR  |
|         | 30   | Vertebrobasilar TIAs: Basilar Artery Stenosis                  |
|         | 32   | Pure Motor Hemiparesis due to Capsular Lacunar Infarction      |
|         | 33   | Ataxic Hemiparesis due to Pontine Infarction                   |
|         | 34   | Left Internal Carotid Artery Dissection                        |
|         | 35   | Wallenberg Syndrome 2° to Vertebral Artery Dissection          |
|         | 36   | Multiple Cerebral Infarctions due to APLA Syndrome             |
|         | 38   | Watershed Infarcts   |
|         | 39   | Moyamoya Syndrome Associated with Down Syndrome                |
|         | 41   | Recurrent Facial Palsies (VZV) followed by Cerebral Infarction |
|         | 43   | Pure Sensory Stroke due to Thalamic Hemorrhage                 |
|         | 44   | Superior Sagittal Sinus Thrombosis                             |
|         |      | OTHERS   |
|         | 64   | Multiple Sclerosis (Pontine Lesion)                            |
|         | 66   | Horner's Syndrome in Patient with Wallenberg Syndrome          |
|         | 77   | Deafness/Tinnitus 2º to Vestibular (Acoustic) Schwannoma       |
|         | 92   | Hemiplegia Gait/Spasticity                                     |
|         | 93   | Leptomeningeal Malignancy (Lymphoma)                           |

Condition or syndrome: VISUAL CHANGES

| Viewed? | Case | Diagnosis of Patient                                     |
|---------|------|--|
|         |      | BEHAVIORAL NEUROLOGY                                     |
|         | 23   | Alexia without Agraphia                                  |
|         | 24   | Gerstmann Plus Syndrome                                  |
|         | 26   | Amnesia (PCA Infarct)                                    |
|         |      | CEREBROVASCULAR  |
|         | 34   | Left Internal Carotid Artery Dissection                  |
|         | 42   | Multiple Lobar Hemorrhages/Cerebral Amyloid Angiopathy   |
|         |      | DEMYELINATING  |
|         | 62   | Bilateral Internuclear Ophthalmoplegia 2° to MS          |
|         | 63   | Nystagmus/Ataxia 2° to Relapsing-Remitting MS            |
|         | 64   | Multiple Sclerosis (Pontine Lesion)                      |
|         | 65   | Spastic Gait/Dysarthria due to Primary Progressive MS    |
|         |      | NEUROOPHTHALMOLOGY                                       |
|         | 68   | Anterior Ischemic Optic Neuropathy                       |
|         | 69   | Postoperative Acute Left CN III Palsy                    |
|         | 70   | Progressive Left CN III Palsy 2° to Cavernous Sinus Mass |
|         | 71   | CN VI Palsy  |
|         | 72   | Chronic Progressive External Ophthalmoplegia             |
|         | 73   | Right Homonymous Hemianopsia, APLA, (PCA Occlusion)      |
|         |      | OTHERS   |
|         | 79   | Wernicke's Encephalopathy 2° to Hyperemesis Gravidarum   |
|         | 84   | Pseudotumor Cerebri                                      |

Condition or syndrome: **DEMENTIA**, **MEMORY OR COGNITIVE LOSS** 

| Viewed? | Case | Diagnosis of Patient                                    |
|---------|------|---|
|         |      | BEHAVIORAL NEUROLOGY                                    |
|         | 17   | Nonfluent Aphasia 2° to Left Frontal Infarction         |
|         | 18   | Nonfluent Aphasia 2° to LICA Occlusion                  |
|         | 19   | Fluent Aphasia 2° to Left Posterior Temporal Infarction |
|         | 20   | Wernicke Aphasia 2° to Left MCA Infarction              |
|         | 21   | Primary Progressive Aphasia                             |
|         | 23   | Alexia without Agraphia                                 |
|         | 24   | Gerstmann Plus Syndrome                                 |
|         | 26   | Amnesia (PCA Infarct)                                   |
|         | 27   | Dementia (Early Alzheimer Disease)                      |
|         | 28   | Dementia (Late Alzheimer Disease)                       |

(On-line you tube videotaped patients not in Practical Neurology DVD Review):

Condition or syndrome: **DELIRIUM/ACUTE MENTAL STATUS CHANGE** 

Delirium Quiet and Excited (Department of Veterans Affairs) 5:50 www.youtube.com/watch?v=zv38U8SNJFs

**Delirium Assessment (University of Dundee) 7:03** www.youtube.com/watch?v=2mCfFmNmJGY

Condition or syndrome: DIZZINESS/ABNORMAL GAIT OR BALANCE

| Viewed? | Case | Diagnosis of Patient  |
|---------|------|---|
|         |      | SPINAL CORD   |
|         | 13   | Lumbar Myelomeningocele/Spina Bifida                        |
|         |      | CEREBROVASCULAR   |
|         | 30   | Vertebrobasilar TIAs: Basilar Artery Stenosis               |
|         | 31   | Dysphagia/Imbalance: Vertebral Artery Stenosis              |
|         | 33   | Ataxic Hemiparesis due to Pontine Infarction                |
|         | 35   | Wallenberg Syndrome 2° to Vertebral Artery Dissection       |
|         |      | EXTRAPYRAMIDAL  |
|         | 52   | Palatal Myoclonus due to Medullary Infarction               |
|         |      | CEREBELLAR  |
|         | 59   | Ataxia due to Bilateral PICA Infarctions                    |
|         | 60   | Cerebellar Ataxia   |
|         | 61   | Hereditary Ataxia   |
|         |      | DEMYELINATING   |
|         | 62   | Bilateral Internuclear Ophthalmoplegia 2° to MS             |
|         | 63   | Nystagmus/Ataxia 2° to Relapsing-Remitting MS               |
|         | 64   | Multiple Sclerosis (Pontine Lesion)                         |
|         | 65   | Spastic Gait/Dysarthria due to Primary Progressive MS       |
|         |      | NEUROOTOLOGY  |
|         | 76   | Vertigo/Imbalance 2° to Isolated Vermian Infarction         |
|         | 78   | Vertiginous Dizziness                                       |
|         |      | NUTRITIONAL/METABOLIC                                       |
|         | 79   | Wernicke's Encephalopathy 2° to Hyperemesis Gravidarum      |
|         |      | GAIT AND OTHERS   |
|         | 91   | Gait Apraxia (Magnetic Gait)                                |
|         | 92   | Hemiplegic Gait/Spasticity                                  |
|         | 94   | Acute Cerebellar Infarction (PICA) with Early Hydrocephalus |
|         | 95   | Conversion Disorder (Gait)                                  |

Condition or syndrome: HEADACHE OR REGIONAL PAIN

| Viewed? | Case | Diagnosis of Patient                                   |
|---------|------|--|
|         |      | BEHAVIORAL NEUROLOGY                                   |
|         | 24   | Gerstmann Plus Syndrome                                |
|         |      | CEREBROVASCULAR  |
|         | 42   | Multiple Lobar Hemorrhages/Cerebral Amyloid Angiopathy |
|         | 44   | Superior Sagittal Sinus Thrombosis                     |
|         |      | NEUROINFECTIOUS  |
|         | 74   | Herpes Zoster (Postherpetic Neuralgia)                 |
|         | 75   | Recurrent Aseptic Meningitis                           |
|         |      | HEADACHES/PAIN   |
|         | 81   | Migraine Headaches/Pregnancy                           |
|         | 82   | Cluster Headaches                                      |
|         | 83   | CSF Hypotension Syndrome                               |
|         | 84   | Pseudotumor Cerebri                                    |
|         | 85   | Trigeminal Neuralgia                                   |
|         | 86   | Atypical Facial Pain                                   |

#### **STUDY GUIDE 1: Practical Neurology DVD Review**

<u>Condition or syndrome:</u> <u>IMPAIRED CONSCIOUSNESS OR</u> <u>SLEEP DISORDER</u>

| Viewed? | Case | Diagnosis of Patient                            |
|---------|------|---|
|         |      | CEREBROVASCULAR                                 |
|         | 38   | Watershed Infarcts                              |
|         |      | EPILEPSY  |
|         | 87   | Partial Complex Seizures                        |
|         | 88   | Partial Seizures with Elementary Symptomatology |
|         |      | SLEEP MEDICINE                                  |
|         | 90   | Obstructive Sleep Apnea                         |

Condition or syndrome: SEIZURES OR ABNORMAL MOVEMENTS

| Viewed? | Case | Diagnosis of Patient                            |
|---------|------|---|
|         |      | CEREBROVASCULAR (seizures)                      |
|         | 44   | Superior Sagittal Sinus Thrombosis              |
|         |      | EXTRAPYRAMIDAL                                  |
|         | 45   | Parkinsonian Tremor                             |
|         | 46   | Essential Tremor                                |
|         | 47   | Parkinsonian plus Essential Tremor              |
|         | 48   | Parkinson's Disease                             |
|         | 49   | Torticollis                                     |
|         | 50   | Cerebral Palsy/Dystonia                         |
|         | 52   | Palatal Myoclonus due to Medullary Infarction   |
|         | 53   | Lacunar Hemichoreoathetosis                     |
|         | 55   | Hemifacial Spasm                                |
|         | 56   | Tic Disorder                                    |
|         | 57   | Hemidystonia (Sarcoidosis)                      |
|         | 58   | Acute Dystonic Reaction                         |
|         |      | CEREBELLAR                                      |
|         | 61   | Hereditary Ataxia                               |
|         |      | EPILEPSY  |
|         | 87   | Partial Complex Seizures                        |
|         | 88   | Partial Seizures with Elementary Symptomatology |