Current Management Strategies for:

- Multiple Sclerosis
- Alzheimer's Disease
- Myasthenia Gravis
- Parkinson's Disease
- Guillain-Barré Syndrome
- Amyotrophic Lateral Sclerosis

Multiple Sclerosis
- Four Classifications of MS
- Look for the Oligoclonal Bands
- ABCs of Medication Management
- Immunomodulating disease - modifying agents
- Corticosteroids
- Antispasmodic
- Anticholinergic
- Antiepileptic
- Antidepressant
- Beta blocker
- Natalizumab
- Manage the Symptoms
- Optic neuritis
- Fatigue
- Ataxia

Alzheimer's Disease Diagnosis
- Staging the Disease
- Disease Specific Treatment
- Drug therapy to slow the progression
- Treatment of behavioral manifestations
- Provide a Therapeutic Environment
- Participate in activities of daily living
- Monitor and protect from injury
- Community resources
- Caregiver stress

Myasthenia Gravis
- Neuromuscular Junction Disorder
- Autimmune process
- Reduced acetyl-choline receptor sites
- Doing the Edrophonium Test
- Evaluate response to edrophonium (telsilon)
- Short-acting anticholinesterase inhibitor
- Increase neurotransmission
- Pathways to Recovery
- Medications – anticholinesterase inhibitors, corticosteroids, immunosuppressive agents
- Thymectomy
- Plasmapheresis
- Intravenous immunoglobulin

Amyotrophic Lateral Sclerosis
- Degeneration of Motor Neurons
- Excitotoxic damage
- Defect in transport proteins
- Slow and Progressive Weakness
- Muscle atrophy
- Paralysis
- Respiratory failure
- Death
- Symptom Management
- Alternatives
- Megadose vitamin
- Pancreatic enzymes
- Wheat germ
- Snake venom
- Bee pollen

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OBJECTIVES

1. Specify the appropriate medication management in the care of the multiple sclerosis patient.
2. Examine the latest options to manage the various symptoms of the multiple sclerosis patient.
3. Describe how to provide a therapeutic environment for the Alzheimer's disease patient.
4. Analyze the latest drug therapy options available to slow down the progression of Alzheimer's disease.
5. Define the pathways to recovery for the patient with myasthenia gravis.
7. Explain the syndrome variants for the patient with Guillain-Barré Syndrome.
8. Summarize symptomatic management for the patient with amyotrophic lateral sclerosis.

Outlines

OUTLINE

NEUROMUSCULAR & NEURODEGENERATIVE DISORDERS

- Parkinson's Disease
- Degeneration of Substantia Nigra
- Basal ganglia degeneration
- Deficiency of dopamine
- Know the Symptoms “R-I-R-A-P”
- Tremors: resting
- Rigidity: cogwheel jerking
- Akinesia: bradykinesia
- Posture: stooped, shuffling gait
- Treatment Options
- Medications: dopaminergic, anticholinergic, dopamine agonist, MAO-B inhibitor; COMT inhibitors, antiviral
- Neuroprotective agents
- Deep brain stimulation

Guillain-Barré Syndrome
- Syndrome Variants
- Ascending
- Pure-motor
- Descending
- Miller-Fisher Syndrome
- Treatment Options
- Plasmapheresis
- Intravenous immunoglobulin

Neuromuscular & Neurodegenerative Disorders

NEUROMUSCULAR & NEURODEGENERATIVE DISORDERS

CINCINNATI, OH
Wednesday, May 4, 2016

INDIANAPOLIS, IN
Thursday, May 5, 2016

SCHWAUBEUGH, IL
Thursday, May 19, 2016

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SPEAKER

Kathy Baker, MBA, BSN, RN, CCRN, CNRN, NE-BC, has been working in neuroscience for 25 years and is currently a clinician with the Interventional Radiology Department at UPMC Mercy in Pittsburgh, PA. She assisted with the building/opening of the Neuroscience Intensive Care Unit at Penn State Hershey Medical Center, and played a key role in the development of Interventional Radiology at UPMC Mercy in Pittsburgh, PA.

As a past president and current member of the American Association of Neuroscience Nurses, Kathy was the only RN – and woman – appointed to the Charter International Board of Directors of the World Spine Society. Her three-year term ended in 2006. She currently serves on the membership committee of the American Association of Neurological Surgeons, the Board of Directors for the American Society of Competitiveness, and is a member of Sigma Theta Tau. Kathy has contributed to numerous local, state and international conferences, speaking on a variety of neurological topics.

Speaker Disclosure: Financial: Kathleen Baker has an employment relationship with UPMC Mercy. She receives a speaking honorarium from Kathy Baker, MBA, BSN, RN, CCRN, CNRN, NE-BC, and gain new insights into the pathophysiology changes, clinical manifestations, and diagnostic studies for each of these disorders. Learn the latest in innovative medications that are geared to slow or stop the disorder progression.

Through an engaging presentation style and enlightening case studies, Kathy will enhance your knowledge regarding current practice issues. The evidence-based content is valuable to all healthcare providers caring for patients with neuromuscular and neurodegenerative disorders.


The 36-Hour Day
A Family Guide to Caring for People Who Have Alzheimer Disease, Related Dementias, and Memory Loss

For over thirty years, this book has been the trusted bible for families affected by dementia disorders. Now recently revised and updated, this new guide features the latest information on the causes of dementia, managing the early stages of dementia, the prevention of dementia, and finding appropriate living arrangements for the person who has dementia when home care is no longer an option.

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