



Essentials in Neuroscience Nursing

Course Description

This two-day seminar focuses on the fundamental principles of neuroscience. Each lecture explores the pathophysiology of each disease process in a thorough, concise and practical way. Case studies, along with numerous multiple-choice sample questions, challenge the attendee's critical thinking skills.

Program Learning Outcomes

This program prepares the learner to:

- Describe the pathophysiology, presenting symptoms and interventions for neurovascular abnormalities, such as aneurysms and AVMS.
- Identify common types of intracranial tumors and discuss the affects of the space-occupying lesions.
- Identify the mechanism of injury and acute management of traumatic brain and spinal cord injuries.
- Discuss the pathophysiology, presenting symptoms and interventions for neuromuscular and neurodegenerative disorders.

Agenda

Sign-in begins at 7:30 am. Each day includes a one-hour lunch (on your own), as well as a morning and afternoon break of 15 minutes each. The order of lectures presented and break times may vary according to speaker preference.

Day 1, 8:00 am to 4:00 pm

Trauma

Traumatic Brain Injuries | Chronic Subdural Hematoma | Spinal Cord Injury | Peripheral Nerve Injury

Seizures

Partial Seizures | Generalized Seizures | Patient Management

Lunch 12:00 pm to 1:00 pm

Cerebrovascular

Ischemic Strokes | Hemorrhagic Strokes | Subarachnoid Hemorrhage, Aneurysms, AVMs | Headaches

Other Disorders

Trigeminal neuralgia | Delirium | Toxic Encephalitis

Day 2, 8:00 am to 4:00 pm

Developmental and Degenerative

Arnold-Chiari Malformations | Cerebral Palsy | Hydrocephalus | Alzheimer's Disease, Dementias | Parkinson's Disease | Degenerative Spine Disease | Chronic Pain | Spina Bifida, Syringomelia, Myelomeningocele

Tumors

Spinal Tumors

Lunch 12:00 pm to 1:00 pm

Tumors (cont.)

Brain Tumors

Immune and Infection

Amyotrophic Lateral Sclerosis | Encephalitis, Meningitis, Abscesses | Guillain-Barré | Multiple Sclerosis | Myasthenia Gravis | Lyme Disease | Neurocysticercosis | Prion Disease (Creutzfeldt-Jakob)

Accreditation

RN/LPN: 13 Contact Hours

CRNA: 13 CE Credits

Med-Ed, Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

This program is also approved by the American Association of Nurse Anesthetists (**AANA**).

Med-Ed, Inc. is an approved provider by the following State Boards of Nursing: **Florida**/FBN 3215, **Iowa**/296, **California** #CEP10453.

If your profession is not listed we suggest contacting your board to determine your continuing education requirements and ask about reciprocal approval. Many boards will approve this seminar based on the accreditation of the boards listed here.

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