

Course Description

This course provides a more advanced review of the ischemic and hemorrhagic stroke patient. It also offers a comprehensive review of anatomy, assessments and diagnostics, providing an in-depth refresher on the pathophysiology and care of the stroke patient. It reviews the various types of strokes and interventions, both pharmacologic and endovascular. The course covers the comorbidities of stroke in present-day patients; it also covers the complications and bedside treatment modalities, such as intracranial pressure (ICP) and targeted temperature management (TTM).

Key Learning Outcome

- After completing the program, 80% of participants will report an increase in knowledge that will positively impact their practice.

Program Objective

This program prepares the learner to:

- Recognize the continuum of care for the various stroke patients, from initial presentation to discharge and into the community.

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 4:30 pm

Neurovascular Anatomy and Diagnostic Imaging

Cerebral Arteries | Homunculus Overview | Angiogram Components

Stroke Syndromes and Correlative Assessments

Various Stroke Syndromes | Assessment Findings

Thrombotic/Ischemic Strokes

Risk Factors | Causes | Acute Ischemic Stroke 2018 Guidelines | Clinical Findings

Cardioembolic Stroke

Common Source | Cardiac Physiology | Interventional Strategies for A-Fib | Pharmacologic Review

Hemorrhagic Stroke

Pathophysiology | Updated Hypertension 2015 Guidelines

Interventional Radiology Procedures

Stroke Syndromes | Radiographic Technology | Postprocedural Care

Day 2, 8:00 am to 5:00 pm

Primary, Secondary Stroke Prevention

Modifiable, Nonmodifiable Risk Factors | Lifestyle Factors | Assessment Tools

Anticoagulation and Medical Management of Strokes

Clotting Cascade Overview | Medications | Pharmacologic Reversal Agents

Chronic Comorbid Factors in Stroke Patients

Diabetes | Hypertension | Obesity | Blood Vessel Effects | Organ Damage | Patient Education

ICP Monitoring

Monro-Kellie Hypothesis | Compensatory Mechanisms | Nursing Interventions | ICP Equipment Use

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TTM in Stroke Patients

In and Out of Hospital Arrest | Applicability to Stroke Patients | Pathophysiology | Methodology to Cool

Cerebral Vasospasm

Subarachnoid Hemorrhage | Pathophysiology | Patient Presentation | Transcranial Doppler | Pharmacologic Management | Endovascular Treatments

Rehabilitation and Palliative Care

Continence, Aphasia, Motor Paresis | Emotional Support | Caregiver Fatigue | Infections, Decubitus, Contractures | Emotional Lability | Falls | Palliative Care Timeline, Measures

Accreditation

RN/LPN/LVN/Other: 14.5 Contact Hours

MED-ED, Inc is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation (**ANCC**).

MED-ED is approved by the American Association for Respiratory Care (**AARC**).

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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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