

# Neurovascular Crisis: Caring for the Stroke Patient



## 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).

## Program Learning Outcomes

*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

#### **Lunch 12:00 pm to 1:00 pm**

#### **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

#### **Lunch 12:30 pm to 1:30 pm**

*(continued)*

*(continued)*

**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 continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation (**ANCC**).

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

MED-ED, Inc. is an approved provider by the following State Boards of Nursing: **Florida**/FBN 50-1286, **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.

© 2019 MED-ED, Inc. All rights reserved.

