Neurovascular Crisis:
Caring for Stroke Patients

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)
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.

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.

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