# **Outline**

# Life-Threatening Causes of AMS: Prepare to

- Airway problems leading to hypoxia and CNS
- Gross assessment of disability: GCS or AVPU
- Rapid head to toe assessment
- Look for rapidly fixable causes
- History and physical... Asking the right questions
- Diagnostic work-up
- Coma and altered level of consciousness: Brain stem and cerebral hemispheres
- Predictive model for the risk of delirium in hospitalized older patients
- Intensive care delirium scanning checklist
- Confusion Assessment Method
- AACN Practice Alert
- Break down: Delirium, dementia and psychosis

#### **Common Conditions Causing Delirium**

Medications – Adverse effects and interactions

Central acting agents Sedative hypnotics

Anticonvulsants

Analgesics

GI agents **Antinauseants** 

**Antibiotics** 

Psychotropic meds

Cardiac meds

OTC meds

Steroids

- Medications withdrawal syndromes
- UTI
- Pneumonia
- Electrolyte disorders
- · Endocrine crisis: Hyper/hypothyroid, adrenal,
- diabetic, Wilson's disease
- Korsakoff syndrome
- Transient global amnesia
- Pain agitation

#### 10 Life-Threatening Conditions Causing Delirium

- Hypoxia
- Hypoglycemia
- Encephalopathy: Hypertensive and Werniche's

3. Differentiate between delirium, dementia and

- CNS trauma
- Sepsis

psychosis.

#### **Delirium: Don't Forget These Possibilities:**

- The patient with delirium related to structural changes
- Subdural hematoma
- Brain tumor
- Normal pressure hydrocephalus
- Stroke
- Infectious disease and SEPSIS: The ticking time bomb
- · Not to be missed: Meningitis, encephalitis

#### **Psychosis: Into Madness**

- Major depressive disorder
- PHQ-9 screening instrument
- Post-partum depression
- Bipolar
- Schizophrenia
- Schizoaffective
- Delusions, illusions, hallucinations
- Positive and negative clinical manifestations
- Pharmacology and other treatments
- Personality Disorders
- Schizotypal Disorder
- A case of global amnesia

#### Dementia: The Work-Up

- History
- Mini mental
- Sweet 16 Cognitive assessment tool
- Radiological diagnostic work-up
- Delirium plus dementia
- Alzheimer work-up
- Lewy body
- Chronic traumatic encephalopathy

### Interventions for the Common Problems

- Memory loss and confusion
- Reduced concentration
- Hallucinations
- Agitation

causes of AMS.

- Sleep disturbance
- Inability to carry out ADLs

#### **Expanding the Window of Care: Current Research**

# • Acute neuro: Meningitis, SAH and seizures Objectives \_ 1. Recognize the "red flags" indicating potentially fatal 5. Select between new tools for assessment and evaluation. 6. List the best diagnostic options to differentiate 2. Explain interventions to rapidly reverse the causes among possible causes.

8. Analyze practice guidelines for prevention and management of pain, agitation and delirium.



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Live Video Webcast October 11, 2017 College Park, MD October 10, 2017 Ellicott City, MD October 9, 2017 Fairfax, VA October 11, 2017

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ALTERED MENTAL STATUS

Connecting the Dots of Delirium, Dementia and Psychosis

Featuring Neuro Critical Care Expert Joyce Campbell, MSN, SCRN, CCRN, FNP-C



Diagnostic challenges: Potential for involvement of one or more body systems



3 CE hours

of **ANCC** 

- Take away life-saving interventions to prevent or treat delirium
- Head to toe and diagnostic workup to identify cause
- Find out the latest EBP for treating dementia
- Be alert for common diseases and drugs causing AMS
- What about the mentally ill patient with delirium?

Ellicott City, MD Monday, October 9, 2017

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Wednesday, October 11, 2017

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#### LIVE WEBCAST DETAILS

4. Identify the underlying causes of AMS.

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7. Develop a treatment plan for the most common

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# ALTERED MENTAL STATUS

**Attention Health Care Professionals!!** You play a vital role in identifying and assisting with resolution of problems affecting patients with altered mental status. The patient that you treat for altered mental status may be the life you

# **Delirium... Dementia... Psychosis**

When facing a patient with altered mental status, no doubt you have caught yourself saying, "What is going on?" It is time to STOP, LISTEN, LOOK and ACT. This seminar dissects altered mental status (AMS), to identify the problem and lead the way to problem resolution. The study of AMS is like taking a combination med-surg and neuropsychiatric course, as one must look at all body systems when evaluating potential causes of AMS.

Every day, patients present with altered mental status in a variety of settings....ED, ICU, med/surg, geriatric, psych units, rehab, long-term care. The list goes on! Connecting the dots and identifying the problem may be life saving for the patient. You will leave with new assessment tools and strategies to alter the course for your patient experiencing an altered mental status condition.

# Speaker \_\_\_\_\_

Joyce Campbell, MSN, SCRN, CCRN, FNP-C, has over 30 years of neuroscience and critical care nursing experience. Joyce currently works as a stroke educator for Erlanger Health System, a Comprehensive Stroke Center, treating over 2300 stroke patients annually. Joyce also continues to provide clinical instruction to students who rotate through neurosurgical intensive care, stroke, surgical, shock trauma and psychiatric units. In 2011, Joyce was honored to be the recipient of the Erlanger Chair of Excellence award.

Joyce serves on the board for Chattanooga Area Brain Injury Association (CABIA) where she is a major contributor to fundraising and education. She is a published author and continues to support her specialty nursing organizations, as a member of the American Association of Critical Care Nurses, the American Association of Neuroscience Nurses and the Chattanooga Association of Nurses for Advanced Practice, where she has served as a past president.

Joyce is an enthusiastic presenter with a passion for neuroscience and psychiatric nursing. Having presented seminars throughout the US, she is known for her ability to deliver engaging presentations, stories that drive home important messages, and the ability to draw from a wealth of real-life clinical experiences. You will come away energized, motivated and much better prepared to provide optimum care for the patients for whom you provide care.

Speaker Disclosures:

Financial: Joyce Campbell has an employment relationship with Erlanger Southeast Regional Stroke Center. She receives a speaking honorarium from PESI, Inc.

Non-financial: Joyce Campbell is a member of the educational committee for the Chattanooga Association of Nurses in Advanced Practice.

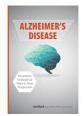


**Target Audience:** Nurses, Nurse Practitioners, Clinical Nurse Specialists, Physician Assistants, Case Managers, Social Workers

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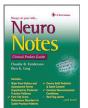


#### Alzheimer's Disease

Prevention Strategies & Ways to Slow Progression

By Lisa Byrd, PhD, FNP-BC, GNP-BC, Gerontologist

Filled with strategies, activities and approaches, cognitive interventions, exercise plans, diet solutions, ways to promote social engagement and medication treatments. Case studies and personal experiences highlight this must have resource for anyone working with Alzheimer's, dementia and delirium patients. (2014)



#### **Neuro Notes:**

Clinical Pocket Guide

By Claudia Fenderson, PT, ED.D., PCS and Wen Ling, PT, PH.D.

Whatever the practice setting-acute care, rehabilitation, outpatient, extended care, or in a schoolturn to this handy pocket guide to the neurological examination. A spiral binding, thumb tabs and nearly 240 illustrations insure you can find just what you're looking for. Waterproof, reusable pages let you record clinical data and then wipe the pages clean with alcohol. (2014)

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(Times Listed in Eastern)

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**8:00** Program begins

**11:50-1:00** Lunch (on your own)

**4:00** Program ends

10 – 15 minute mid-morning and mid-afternoon breaks

For locations and maps, go to www.pesihealthcare.com, find your event, and click on the seminar title.

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If your profession is not listed, please contact your licensing hoard to determine your nents and check for reciprocal approval. For other credit inquiries not specified below, or questions on home study credit availability, please contact cenesi@nesi com or 800-844-8260 hefore the event

Materials that are included in this course may include interventions and modalities that are beyond the authorized practice of mental health professionals. As a licensed professional, you are responsible for reviewing the scope of practice, including activities that are defined in law as beyond the boundaries of practice in accordance with and in compliance with

PESI, Inc. offers continuing education programs and products under the brand names PESI, PESI Healthcare, PESI Rehab and Psychotherapy Networker.

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NURSE PRACTITIONERS: This program offers 180 instructional minutes of pharmacology content which is designed to qualify for 3.0 contact hours toward your pharmacology requirement to receive credit. It is your responsibility to submit your certificate of successful completion and a copy of the seminar brochure to your licensing board.

PHYSICIAN ASSISTANTS: "This program is not yet approved for CME credit. Conference organizers plan to request 6.25 hours of AAPA Category 1 CME credit from the Physician Assistant Review Panel. Total number of approved credits yet to be determined."

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ALTERED MENTAL STATUS: CONNECTING THE DOTS OF DELIRIUM, DEMENTIA AND PSYCHOSIS

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