MANAGEMENT OF THE CRITICALLY ILL PATIENT
Body System and Disease Process Review for Health Care Providers
Fall 2015

Description: This course is divided into modules designed for the health care professional (nurse, paramedic, EMT, respiratory therapist) who is taking care of a critically ill patient in multiple settings, such as emergency department, critical care unit, medical/surgical units and home care. The best instructors from across the state will be providing the education. The course is divided into modules so participants may come to one or all of the modules depending on their learning needs. The courses will provide extensive handouts, up-to-date information & CEUs in a cost-effective delivery system over the fiber optics network. Competency testing is also available.

Delivery: This is a live broadcast via the Iowa Communications Network (ICN), in which students can interact with the instructors & participants from other Iowa sites as if in the same classroom. This program has been developed by the Iowa Critical Care Nursing Education Committee, and is sponsored by Des Moines Area Community College in cooperation with Iowa Valley Continuing Education and other Iowa Community Colleges.

Intended Audience/CEUs: Nurses new to critical care or preparing for positions in critical care; experienced critical care nurses who desire a review; nurses working in emergency departments, medical/surgical units, telemetry, post anesthesia care units, clinics or home health who wish to enhance their current knowledge and assessment skills. Also applicable for respiratory therapists, EMTs and paramedics. All modules approved for nurses, respiratory care personnel & EMS.

Faculty:
M.J. Potratz, RN, MSN
Critical Care Educator
Trauma Coordinator, Iowa Lutheran & Methodist West Hospitals
Des Moines, IA
CEO, Working Noodle Enterprises

Registration Contacts: Online pre-registration and payment is required, at https://ivce.iavalley.edu/modules/shop/index.html then click on the Health and Human Services Professionals to see the courses and register and pay all online. Third party billed registrations call Iowa Valley Continuing Education at 641-752-4645 or 1-800-284-4823 to register and pay. No refunds will be granted after the registration deadline. A site will be cancelled one week prior to the module if there are not enough participants registered. Walk-in registrations run the risk of finding the site cancelled. Registration deadline is 8 days prior to the first class date.

Iowa Valley Continuing Education
3702 S. Center St., Marshalltown, IA 50158
IBN Provider #18
Contact: Cheryl Little, 800-284-4823 or 641-844-5623.

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Course Locations: IVCE, room 806, 3702 S. Center Street, Marshalltown
Or Ellsworth Community College, 1100 College Ave, Iowa Falls, Reg Johnson Hall, ICN room 105

Competency Testing
Each module’s competency test must be completed within 2 weeks of completion of the module. Competency testing is done right after class at 4:15 PM.

Additional Information
Attendance- students must be on time, attend the whole session or all days of the session in order to receive CEU/CEH credit. If you miss a session you will have to make it up the next time it is offered and you will need to pay for the session again. The classes are not videotaped.
Weather-weather related cancellations are unavoidable and every effort will be made to contact students if class is cancelled or delayed.

This course flier can be found at https://ce.iavalley.edu/workforce-education/health/

MANAGEMENT OF THE CRITICALLY ILL PATIENT
Fall 2015 Schedule

<table>
<thead>
<tr>
<th>Fall 2015</th>
<th>Time</th>
<th>Cost</th>
<th>Mod #</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct. 6, 13, 20, 27, Nov. 3</td>
<td>8:15 AM-11:45 AM</td>
<td>$345</td>
<td>2</td>
<td>Cardiac Dysrhythmias (Marshalltown)</td>
<td>Potratz</td>
<td>HEP 3102.7</td>
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<tr>
<td>Oct. 6, 13, 20, 27, Nov. 3</td>
<td>8:15 AM-11:45 AM</td>
<td>$345</td>
<td>2</td>
<td>Cardiac Dysrhythmias (Iowa Falls)</td>
<td>Potratz</td>
<td>HEP 3102.8</td>
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<td>Oct. 6</td>
<td>12:45 PM-4:15 PM</td>
<td>$69</td>
<td>3A</td>
<td>Cardiac Physiology &amp; Angina</td>
<td>Potratz</td>
<td>HEP 3104.2</td>
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<tr>
<td>Oct. 13</td>
<td>12:45 PM-4:15 PM</td>
<td>$69</td>
<td>3B</td>
<td>Myocardial Infarction</td>
<td>Shaw</td>
<td>HEP 3105.3</td>
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<tr>
<td>Oct. 20</td>
<td>12:45 PM-4:15 PM</td>
<td>$69</td>
<td>4B</td>
<td>Valve Disease &amp; Pericarditis</td>
<td>Potratz</td>
<td>HEP 3107.3</td>
</tr>
<tr>
<td>Oct. 27</td>
<td>12:45 PM-4:15 PM</td>
<td>$69</td>
<td>4A</td>
<td>Congestive Heart Failure</td>
<td>Shaw</td>
<td>HEP 3106.3</td>
</tr>
<tr>
<td>Nov. 3</td>
<td>12:45 PM-4:15 PM</td>
<td>$69</td>
<td>10</td>
<td>Pacemakers</td>
<td>Potratz</td>
<td>HEP 3108.3</td>
</tr>
</tbody>
</table>
MODULE 2 – Cardiac Dysrhythmias, Oct. 6, 13, 20, 27, Nov. 3, AM, HEP 3102
1. Identify the normal PR interval, QRS, & QT interval.
2. Interpret 22 dysrhythmias. Discuss the assessment of the patient with each dysrhythmia.
3. Describe current treatment protocols for each dysrhythmia, including the actions & side effects of the medication.

MODULE 3A – Cardiac Physiology & Angina, Oct. 6, PM, HEP 3103
1. Define cardiac output, cardiac index, ejection fraction, preload and afterload.
2. Describe the determinants of cardiac output.
3. Discuss the etiology, clinical picture, nursing and medical management of angina

MODULE 3B – Myocardial Infarction, Oct. 13, PM, HEP 3105
1. Discuss the etiology, clinical picture and medical care of the patient with an acute myocardial infarction.
2. Using a case study, discuss the management of a patient with a myocardial infarction from the pre-hospital setting through home care.

MODULE 4B – Valve Disease and Pericarditis, Oct. 20, PM, HEP 3107
3. Discuss the etiology, clinical picture, nursing and medical management for a patient with valve disease.
4. Describe the etiology, clinical picture and management of the patient with pericarditis.
5. Discuss the emergent care needed for the patient with hypertensive crisis.

MODULE 4A – Congestive Heart Failure, Oct. 27, PM, HEP 3106
1. Discuss the etiology, clinical picture, nursing and medical management for the patient with congestive heart failure.
2. Describe the three general types of cardiomyopathy and the nursing care required for each type.

MODULE 10 – Pacemakers, Nov. 3, PM, HEP 3108
1. Discuss selected modes of temporary & permanent pacing.
2. Analyze rhythm strips for pacemaker function.
3. Describe the care of the patient with a pacemaker.

You can also see this flier on the Iowa Valley Continuing Education web site at https://ce.iavalley.edu/workforce-education/health/