J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: EMS 140  Courses: 1

Course Title: Special Populations Lab

Course Description: Develops skills related to the assessment and management of patients in a specific population including pediatrics, geriatrics, obstetrics/gynecology (OB/GYN), bariatric, abuse, sexual assault and special needs. Prerequisites: EMS 121, EMS 123, EMS 125, EMS 126, EMS 127, EMS 128. Corequisite: EMS 139. Laboratory 2 hours per week.

General Course Purpose:
The purpose of this course is to teach the student principles of care and management of patients in special populations.

Course Prerequisites and Co-requisites:
Prerequisites: EMS 121, EMS 123, EMS 125, EMS 126, EMS 127, EMS 128
Corequisite: EMS 139

Student Learning Outcomes:
Upon completion of the course, the student will be able to
a. Perform a normal delivery with newborn care on a patient in a laboratory setting;
b. Perform a minimum of two (2) normal deliveries with newborn care in a scenario;
c. Perform an abnormal delivery with newborn care on a patient in a laboratory setting;
d. Perform a minimum of two (2) abnormal deliveries with newborn care in a scenario;
e. Perform a neonatal resuscitation in a laboratory setting;
f. Perform a minimum of two (2) neonatal resuscitations in a scenario;
g. Perform a minimum of two (2) comprehensive normal physical assessments on a pediatric patient in a laboratory setting;
h. Perform a minimum of two (2) comprehensive normal physical assessments on a pediatric patient in a scenario;
i. Perform a minimum of two (2) needle cricothyrotomy with percutaneous translaryngeal ventilation procedures in a laboratory setting;
j. Perform a minimum of four (4) needle cricothyrotomy with percutaneous translaryngeal ventilation procedures in a scenario; and
k. Perform direct orotracheal intubation on a minimum of ten (10) pediatric patients in the laboratory setting.

Major Topics to Be Included:

a. Childbirth
   - Normal cephalic delivery
   - Abnormal deliveries
   - Neonatal resuscitation
b. Pediatric physical assessment
   - Comprehensive exam and care
   - Communication issues
   - Needle cricothyrotomy
   - Translaryngeal ventilation
   - Endotracheal intubation

c. Geriatric physical assessment
   - Comprehensive exam and care
   - Accommodations in care
   - Communication issues

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