

Lesson 6-3

Practical Lab: Childbirth and Children

Objectives

Objectives Legend

C=Cognitive P=Psychomotor A=Affective

1 = Knowledge level

2 = Application level

3 = Problem-solving level

Cognitive Objectives

At the completion of this lesson, the CFR student will be able to:

- ◆ Demonstrate the cognitive objectives of Lesson 6-1: Childbirth
- ◆ Demonstrate the cognitive objectives of Lesson 6-2: Infants and Children

Affective Objectives

At the completion of this lesson, the CFR student will be able to:

- ◆ Demonstrate the affective objectives of Lesson 6-1: Childbirth
- ◆ Demonstrate the affective objectives of Lesson 6-2: Infants and Children

Psychomotor Objectives

At the completion of this lesson, the CFR student will be able to:

- ◆ Demonstrate the steps to assist in the normal cephalic delivery. (P-1,2)
- ◆ Demonstrate necessary care procedures of the fetus as the head appears. (P-1,2)
- ◆ Attend to the steps in the delivery of the placenta. (P-1,2)
- ◆ Demonstrate the post-delivery care of the mother. (P-1,2)
- ◆ Demonstrate the care of the newborn. (P-1,2)
- ◆ Demonstrate assessment of the infant and child. (P-1,2)

Preparation

Motivation:

The practical lesson is designed to allow the students additional time to perfect skills. It is of utmost importance that the students demonstrate proficiency of the skill, cognitive knowledge of the steps to perform a skill, and a healthy attitude towards performing that skill on a patient.

This is an opportunity for the instructor and assistant instructors to praise progress and redirect the students toward appropriate psychomotor skills. The material from all preceding lessons and basic life support should be incorporated into these practical skill sessions.

Prerequisites:

Completion of Lessons 6-1 through 6-2

New York State Certified First Responder Refresher Curriculum

Adapted from the United States Department of Transportation
First Responder Refresher: National Standard Curriculum

Materials

AV Equipment:

Utilize various audio-visual materials relating to emergency medical care. The continuous development of new audio-visual materials relating to EMS requires careful review to determine which best meet the needs of the program. Materials should be edited to ensure that the objectives of the curriculum are met.

EMS Equipment:

Childbirth manikin, sheets and towels, pillow or blanket, gloves, eye protection, bulb syringe.

Personnel

Primary Instructor:

One EMT-B Instructor knowledgeable in childbirth and children.

Assistant Instructor:

The instructor-to-student ratio should be 1:6 for psychomotor skill practice. Individuals used as assistant instructors should be knowledgeable in infants, children, and childbirth.

Recommended Minimum Time to Complete:

One hour

Presentation

Declarative (What) None identified for this lesson.

Application

Procedural (How)

Instructor should demonstrate the procedural activities from Lesson 6-1: Childbirth
Instructor should demonstrate the procedural activities from Lesson 6-2: Infants and Children

Contextual (When, Where, Why)

Instructor should review contextual activities from Lesson 6-1: Childbirth
Instructor should review the contextual activities from Lesson 6-2: Infants and Children

Student Activities

Auditory (Hearing)

1. The student should hear a video tape of a mother in the final stages of labor, providing a sample of the mother's actions during this painful process.
2. Students should hear various infant and child airway sounds.
3. Students should hear parent information.

Visual (Seeing)

1. The student should see audio-visual materials of labor and delivery showing:
 - A. Late stages of labor and normal delivery
 - B. Suctioning the infant's mouth and nose during delivery
 - C. Assessment and care of the newborn
 - D. Normal bleeding during delivery
2. Students should see audio-visual materials of infant and child patients with common medical or traumatic complaints.
3. Students should see various infant or child equipment.

Kinesthetic (Doing)

1. Student should practice the steps to assist in the normal delivery.
2. Student should practice necessary care of the fetus as the head appears during delivery.
3. Student should practice post-delivery care of mothers and neonates.
4. Demonstrate the techniques of opening the airway of an infant or child.
5. Demonstrate the techniques of suctioning an infant or child.
6. Demonstrate the techniques for removing a foreign body airway obstruction in an infant or child.
7. Demonstrate ventilating for infants and children.
8. Demonstrate the assessment of the infant and child.
9. Demonstrate managing partial and complete airway obstructions in infants and children.
10. Demonstrate managing respiratory distress and respiratory arrest in infants and children.
11. Demonstrate the management of seizures, altered mental status, and sudden infant death syndrome (SIDS).

Instructor Activities

- Supervise student practice.
- Reinforce student progress in cognitive, affective, and psychomotor domains.
- Redirect students having difficulty with content. (Complete remediation forms.)

Evaluation

Practical:

Evaluate the actions of the CFR students during role play, practice, or other skills stations to determine their compliance with the cognitive and affective objectives and their mastery of the psychomotor objectives of this lesson.

Remediation

Identify students or groups of students who are having difficulty with this subject content. Complete remediation sheet from the instructor's course guide.

Enrichment

What is unique in the local area concerning this topic? Complete enrichment sheets from the instructor's course guide and attach with lesson plan.