

RCP 214
NEONATAL / PEDIATRIC RESPIRATORY CARE

COURSE DESCRIPTION:

Prerequisites: RCP 11 5 & 3

Corequisites: RCP 210 5 & 3 and RCP 23

7 KLV FRXUVH SURYLGHV FRPSUHKHQVLYH FRYHUDJH RI WKH
UHVSLUDWRU\ FDUH (PSKDVLV LV SODFHG RQ SDWKRSK\VL

- III. Employ techniques of neonatal resuscitation and stabilization
- IV. Assess the neonatal and pediatric patient
- V. Discuss pharmacology used in neonatal and pediatric respiratory therapy
- VI. Identify neonatal and pediatric diseases and other problems of prematurity
- VII. Apply theories and concepts of neonatal and pediatric ventilatory support
- VIII. Operate and manage commonly used neonatal and pediatric ventilators
- IX. Understand special procedures and non-conventional ventilator techniques
- X. Model supportive care of the family

OUTLINE OF INSTRUCTION:

- I. Assess fetal growth and development
 - a. ModE>BDC 0 -12 CID 260.
- II. Examine and evaluate labor, delivery, and physiological changes after birth
 - a. Normal and abnormal stages of labor and delivery
 - b. Adaptation to extrauterine life
 - i. The first breath
 - ii. The change from fetal to adult circulation

- III. Employ techniques of neonatal resuscitation and stabilization
 - a. Overview of Neonatal Resuscitation Program
 - i. When to resuscitate
 - ii.

- X. Model supportive care of the family
 - a. Bonding
 - b. Causes of parental stress
 - c. Understanding stages of grief

REQUIRED TEXTBOOKS AND MATERIALS:

Textbook to be selected by instructor.

STATEMENT FOR STUDENTS WITH DISABILITIES:

6WXGHQWV ZKR UHTXRLPFR GDMGWRBQ\ SK\VLFDQ SV\FKROR
GLVDELOLW\ DUH HQFRXUDJHG WR UHTXHVW DVVLVWDQFH I
ILUVW WR ERZODHW /LNHZLVH VWKXQWHV HZFRUSIRQFHQWHLGLOF
GXH WR DQ\ FKURQLF KHDOWK FRQGLWLRQ DUH HQFRXUDJH
VHUFLFHV FRXQVHORZHUZHWKQWVKH&RXQVHWHV FDQ EH FR
RU E\ YLVLWLQJ WKH 6WXGHQW 'HYHORSPHQW 2III
6HUFLFHV &HQWHU URRP