

FUNDAMENTALS OF NURSING

OBJECTIVES

VITAL SIGNS

Chapter 11

Mastery of content in this chapter will enable the student to:

- 1 Define the key terms listed.
- 2 Explain the principles and mechanisms of thermoregulation.
- 3 Describe nursing measures that promote heat loss and heat conservation.
- 4 Discuss physiological changes associated with fever.
- 5 Accurately assess body temperature.
- 6 Accurately assess pulse, respirations, oxygen saturation, blood pressure, and central venous pressure.
- 7 Describe factors that cause variations in body temperature, pulse, oxygen saturation, respirations, blood pressure, and central venous pressure.
- 8 Identify ranges of acceptable vital sign values for an adult, child, and infant.
- 9 Explain variations in technique used to assess an infant's, child's, and adult's vital signs.
- 10 Appropriately delegate vital sign measurement to unlicensed assistive personnel.

VITAL SIGNS

Chapter 11

LAB:

Graded Lab -

- 1 Demonstrate the correct techniques for taking an oral temperature, using a glass thermometer. Read thermometer with 100% accuracy.
- 2 Accurately count radial pulse (must be within 3 beats/min of instructor).
- 3 Assess an apical pulse accurately (must be within 3 beats/min).
- 4 Count respirations accurately (must be within 2 counts of instructor).
- 5 Measure blood pressure (must be within 2 pts (+ or -) of instructor).