

Learning Objectives for Vital Signs Section

After studying your lecture notes and **Chapters 3 (equipment used thus far), 4, and 15** in the textbook, and completing the exercises in class, you should be able to:

1. Apply standard precautions for infection control to the examination process.
2. Correctly obtain baseline data (vital signs, height, and weight) and describe the meanings of each finding.
3. Identify various types of equipment used for physical examination.
4. Describe the purpose of various types of equipment used for physical examination.
5. Demonstrate the correct use of various types of equipment used for physical examination.
6. Identify various techniques applied during a physical examination.
7. Demonstrate correct application of the various techniques used during physical examination.
8. Describe tools and instruments used to assess growth and development.
9. Identify expected findings relevant to growth and development throughout the lifespan.
10. Describe variations in findings that may be considered within normal range.
11. Describe the anatomy and physiology of blood vessels.
12. Identify age and condition variations in blood vessels.
13. Identify examination findings associated with various conditions of blood vessels.

Key terms and concepts to know for the quiz, practical examination, and test:

1. Universal Precautions (UP)
2. General inspection
3. Techniques and interpretation of palpation
4. Techniques and interpretation of percussion
5. Techniques and interpretation of auscultation
6. The classic four vital signs
7. The fifth vital sign (pain)
8. The importance of vital signs in chiropractic care
9. Pulse measurement locations
10. Pulse modifiers/descriptors
11. Respiration measurement
12. Respiration modifiers/descriptors
13. Blood pressure measurement
14. Correct BP cuff selection and usage and problems with improper cuff selection
15. Temperature measurement
16. Proper measurement of height and weight
17. Special concerns for patients with disabilities
18. Proper use of stethoscope and correct selection of bell vs. diaphragm