

Foundations for Clinical Practice Content Area I-IV

CONTENT AREA I: Anatomy & Physiology

Cognitive (Knowledge) I.C Anatomy & Physiology

1. Describe structural organization of the human body
2. Identify body systems
3. Describe:
 - a. body planes
 - b. directional terms
 - c. quadrants
 - d. body cavities
4. List major organs in each body system
5. Identify the anatomical location of major organs in each body system
6. Compare structure and function of the human body across the life span
7. Describe the normal function of each body system
8. Identify common pathology related to each body system including:
 - a. signs
 - b. symptoms
 - c. etiology
9. Analyze pathology for each body system including:
 - a. diagnostic measures
 - b. treatment modalities
10. Identify CLIA waived tests associated with common diseases
11. Identify the classifications of medications including:
 - a. indications for use
 - b. desired effects
 - c. side effects
 - d. adverse reactions
12. Identify quality assurance practices in healthcare
13. List principles and steps of professional/provider CPR
14. Describe basic principles of first aid as they pertain to the ambulatory healthcare setting

Psychomotor (Skills) I.P Anatomy & Physiology

1. Measure and record:
 - a. blood pressure
 - b. temperature
 - c. pulse
 - d. respirations
 - e. height
 - f. weight
 - g. length (infant)
 - h. head circumference (infant)
2. Perform:
 - a. electrocardiography
 - b. venipuncture
 - c. capillary puncture
 - d. pulmonary function testing
3. Perform patient screening using established protocols
4. Verify the rules of medication administration:
 - a. right patient
 - b. right medication
 - c. right dose
 - d. right route
 - e. right time
 - f. right documentation
5. Select proper sites for administering parenteral medication
6. Administer oral medications
7. Administer parenteral (excluding IV) medications
8. Instruct and prepare a patient for a procedure or a treatment
9. Assist provider with a patient exam
10. Perform a quality control measure
11. Obtain specimens and perform:
 - a. CLIA waived hematology test
 - b. CLIA waived chemistry test
 - c. CLIA waived urinalysis
 - d. CLIA waived immunology test
 - e. CLIA waived microbiology test
12. Produce up-to-date documentation of provider/professional level CPR
13. Perform first aid procedures for:
 - a. bleeding
 - b. diabetic coma or insulin shock
 - c. fractures
 - d. seizures
 - e. shock
 - f. syncope

Affective (Behavior) I.A Anatomy & Physiology

1. Incorporate critical thinking skills when performing patient assessment
2. Incorporate critical thinking skills when performing patient care
3. Show awareness of a patient's concerns related to the procedure being performed
4. Reassure a patient of the accuracy of the test results

CONTENT AREA II: Applied Mathematics

Cognitive (Knowledge) II.C Applied Mathematics

1. Demonstrate knowledge of basic math computations
2. Apply mathematical computations to solve equations
3. Define basic units of measurement in:
 - a. the metric system
 - b. the household system
4. Convert among measurement systems
5. Identify abbreviations and symbols used in calculating medication dosages
6. Analyze healthcare results as reported in:
 - a. graphs
 - b. tables

Psychomotor (Skills) II.P Applied Mathematics

1. Calculate proper dosages of medication for administration
2. Differentiate between normal and abnormal test results
3. Maintain lab test results using flow sheets
4. Document on a growth chart

Affective (Behavior) II.A Applied Mathematics

1. Reassure a patient of the accuracy of the test results

CONTENT AREA III: Infection Control

Cognitive (Knowledge) III.C Infection Control

1. List major types of infectious agents
2. Describe the infection cycle including:
 - a. the infectious agent
 - b. reservoir
 - c. susceptible host
 - d. means of transmission

Psychomotor (Skills) III.P Infection Control

1. Participate in bloodborne pathogen training
2. Select appropriate barrier/personal protective equipment (PPE)
3. Perform handwashing
4. Prepare items for autoclaving

Affective (Behavior) III.A Infection Control

1. Recognize the implications for failure to comply with Center for Disease Control (CDC) regulations in healthcare settings

- e. portals of entry
 - f. portals of exit
3. Define the following as practiced within an ambulatory care setting:
 - a. medical asepsis
 - b. surgical asepsis
 4. Identify methods of controlling the growth of microorganisms
 5. Define the principles of standard precautions
 6. Define personal protective equipment (PPE) for:
 - a. all body fluids, secretions and excretions
 - b. blood
 - c. non-intact skin
 - d. mucous membranes
 7. Identify Center for Disease Control (CDC) regulations that impact healthcare practices
5. Perform sterilization procedures
 6. Prepare a sterile field
 7. Perform within a sterile field
 8. Perform wound care
 9. Perform dressing change
 10. Demonstrate proper disposal of biohazardous material
 - a. sharps
 - b. regulated wastes

CONTENT AREA IV: Nutrition

Cognitive (Knowledge) IV.A Nutrition

Psychomotor (Skills) IV.P Nutrition

Affective (Behavior) IV.A Nutrition

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| <ol style="list-style-type: none"> 1. Describe dietary nutrients including: <ul style="list-style-type: none"> a. carbohydrates b. fat c. protein d. minerals e. electrolytes f. vitamins g. fiber h. water 2. Define the function of dietary supplements 3. Identify the special dietary needs for: <ul style="list-style-type: none"> a. weight control b. diabetes c. cardiovascular disease d. hypertension e. cancer f. lactose sensitivity g. gluten-free h. food allergies | <ol style="list-style-type: none"> 1. Instruct a patient according to patient's special dietary needs | <ol style="list-style-type: none"> 1. Show awareness of patient's concerns regarding a dietary change |
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