CPHON® TEST CONTENT OUTLINE

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I. Care Continuum – 12%

A. Transition of care
    1.Primary care
    2.Levels of care (e.g., rehabilitation, home, outpatient)
    3. Care of the adolescent and young adult
    4. Specialized clinical services
    5. End of life care
        a. Grief and bereavement
B. Patient and caregiver support
C. Integration into education and social environment
D. Community resources
E. Health promotion and maintenance
F.Survivorship
    1. Effects of acute and chronic illness
G. Social determinants of health

II. Pediatric Hematology and Oncology Nursing Practice – 14%

A. Pediatric hematologic and oncologic disorders
    1. Clinical presentation
    2. Anatomy, physiology, and pathophysiology
    3. Genetics (e.g., genomics)
    4. Diagnosis and prognosis
        a. Diagnostic studies
        b. Laboratory values
        c. Staging and grading
        d. Cytogenetics and histology
B. Clinical trials
    1. Phases
    2. Informed consent
    3. Ethical considerations
C. Professional performance
    1. Scope and standards of nursing practice
    2. Patient and caregiver education
    3. Ethical principles and practice
    4. Professional practice guidelines
    5. Regulatory standards and guidelines

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III. Treatment Modalities and Side Effects – 25%

A. Hematology

1. Chemotherapy
2. Biotherapy
3. Immunotherapy
4. Blood product therapy
5. Transplant and cellular therapy
6. Surgery
7. Coagulation therapy

B. Oncology

1. Chemotherapy
2. Biotherapy
3. Immunotherapy
4. Blood product therapy
5. Transplant and cellular therapy
6. Surgery
7. Radiation therapy

IV. Symptom Management and Supportive Care – 25%

A. System-specific acute, chronic, and late effects

1. Neurological
2. Respiratory
3. Cardiovascular
4. Gastrointestinal
5. Renal
6. Genitourinary
7. Musculoskeletal
8. Integumentary
9. Endocrine
10. Reproductive
11. Hematological
12. Immunological
13. Ophthalmological
14. Auditory
15. Lymphatic

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B. General acute, chronic, and late effects
    1. Nutrition
    2. Pain
    3. Sleep disturbance
    4. Fatigue
    5. Mental Health
    6. Neurocognitive
C. Supportive care
    1. Medical devices
    2. Blood product transfusion
    3. Colony-stimulating factors
    4. Interprofessional care
    5. Palliative care
    6. Integrative therapies (e.g., acupuncture, aromatherapy, massage)
    7. Nutrition

V. Pediatric Hematologic and Oncologic Emergencies – 20%

A. Fever
    1. Opportunistic infections
    2. Neutropenia
B. Sepsis
C. Gastrointestinal
    1. Typhlitis
    2. Pancreatitis
    3. Intestinal obstruction
D. Metabolic
    1. Diabetes insipidus
    2. Syndrome of inappropriate antidiuretic hormone (SIADH)
    3. Tumor lysis syndrome
    4. Cytokine release syndrome (CRS)

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E. Vascular
    1. Disseminated intravascular coagulation
    2. Hemorrhage
    3. Hyperleukocytosis
    4. Sinusoidal obstructive syndrome
    5. Splenic sequestration
    6. Vaso-occlusive crisis
    7. Priapism
    8. Stroke
    9. Joint bleed
    10. Compartment syndrome
    11. Thrombosis
F. Cardiopulmonary
    1. Acute chest syndrome
    2. Respiratory distress
    3. Superior vena cava syndrome
    4. Arrhythmias
G. Neurology
    1. Increased intracranial pressure
    2. Neurotoxicities
    3. Seizures
    4. Posterior reversible encephalopathy syndrome (PRES)
    5. Spinal cord compression
H. Hypersensitivity reactions
I. Extravasation

VI. Psychosocial Dimensions of Care – 4%

A. Cultural considerations
B. Sexual and gender diversity
C. Neurodiversity

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