

N433 Final Exam Concept Review

Summer 2023

Material that is covered on the exam includes assigned readings in the text, ATI, lecture presentations, and your notes. Medication calculation (10%) will be on the exam. There will be at least 3 NGN questions on this exam as well. Reviewing the care plans at the end of each chapter will assist you in identifying appropriate nursing actions in the given scenarios. This study guide is not all-inclusive but will help you focus on review for the exam.

Exam 1: Growth and Development, Infants to Adolescents – 20%

Text	ATI
Ch. 25: G&D Infants	Ch. 3: Health Promotion of Infants (2 Days to 1 Year)
Ch. 26: G&D Toddlers	Ch. 4: Health Promotion of Toddlers (1 to 3 Years)
Ch. 27: G&D Preschool	Ch. 5: Health Promotion of Preschoolers (3 to 6 Years)
Ch. 28: G&D School-age	Ch. 6: Health Promotion of School-Age Children (6 to 12 Years)
Ch. 29: G&D Adolescents	Ch. 7: Health Promotion of Adolescents (12 to 20 Years)

1. Order of psychosocial development
2. Interventions to prevent SIDS
3. Identify developmental delays in infants
4. Weight trends in an infant
 - a. 6 months
 - b. 1 year
5. Object permanence, Modesty, Temper Tantrums
6. Course of action if a developmental delay is observed
7. Car seat safety for toddlers
8. Social skills of preschoolers and school-aged children
9. Identify at what age the pincer grasp is developed
10. Identify the physical and cognitive milestones of toddlers
11. Identify the milestones of school-aged children
12. Identify the milestones of adolescents

Exam 2: Health Assessment, Health Supervision, Atraumatic Care, Special Needs, Genetics – 10%

Text	ATI
Ch. 30 Family-Centered and Atraumatic Care	Ch. 1: Family-Centered Care
Ch. 31 Principles of Health Supervision	Ch. 35: Immunizations
Ch. 32 Health Assessment	Ch. 2: Physical Assessment Findings
Ch. 33 Caring for Children in Diverse Settings	Ch. 10 Hospitalization, Illness, and Play
Ch. 34 Caring for the Special Needs Child	Ch. 11 Death and Dying
Ch. 35 Key Nursing Interventions	Ch. 8 Safe Medication Administration
Ch. 36 Pain Management	Ch. 9 Pain Management
Ch. 49: Genetics	Pg. 77-79 (Down Syndrome); 269 (Phenylketonuria); 281-282 (Chromosomal

	Abnormalities)
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1. Atraumatic care: preschooler
2. Trisomy 21: signs & symptoms
3. Know the normal ranges for vital signs for different ages
 - a. There is variation in vital signs ranges in the text and ATI. Please use the textbook for these values
4. Identify non-pharmacological techniques for pain management and when they should be used.

Exam 3: Heme/Onc, Infection, Immunity – 8%

Text	ATI
Ch. 37: Infection	Ch. 30: Skin Infections and Infestations Ch. 35: Immunizations Ch. 36: Communicable Diseases
Ch. 47: Immunologic Disorders	Ch. 38: HIV/AIDS pg. 187-189 (juvenile idiopathic arthritis)
Ch. 46: Hematology/Oncology	Ch. 21: Hematologic Disorders Ch. 39: Organ Neoplasms Ch. 40: Blood Neoplasms Ch. 41: Bone and Soft Tissue Cancers

Review Ch. 35 in your ATI book on immunizations

1. Know education for caregivers related to infectious disorders
2. Know the Adolescent vaccinations
3. Know the contraindications for live vaccines
4. Assessment of infectious diseases
5. Rash Assessment
6. Treatment of anaphylaxis
7. CA-MRSA risk factors
8. S/S of sickle cell crisis
9. Iron deficiency anemia
10. Wilm's tumor
 - a. Family education/nursing management

Exam 4: Cardiac, Respiratory, Sensory – 19%

Text	ATI
Ch. 39: Sensory Perception	Ch. 15: Cognitive and Sensory Impairments Ch. 37: Acute Otitis Media
Ch. 40: Respiratory	Ch. 16: Oxygen and Inhalation Therapy Ch. 17: Acute and Infectious Respiratory Illnesses

	Ch. 18: Asthma Ch. 19: Cystic Fibrosis pg. 272: Respiratory Distress Syndrome
Ch. 41: Cardiac	Ch. 20: Cardiovascular Disorders

1. Otitis media
 - a. S/S of perforation
 - b. Priority education
2. S/S bacterial conjunctivitis
3. Know how to administer optic drops
4. Providing nursing care for the child with an alteration in sensory perception
5. Tonsillectomy
 - a. Post-operative management
 - b. S/S of hemorrhage
6. Cystic fibrosis
 - a. Assessment findings
 - b. Implications for administering pancreatic enzymes
 - c. Nursing management
 - d. Diagnostic methods
 - e. S/S of poor compliance
7. Home management of upper respiratory infections
8. RSV
 - a. Signs/symptoms
 - b. Nursing management
9. S/S of declining and improving respiratory condition
10. S/S of respiratory distress
11. Streptococcal pharyngitis
 - a. Nursing management
 - b. Home management - education
12. LTB Croup
 - a. Signs/symptoms
 - b. Effectiveness of treatment?
13. Interventions for Epiglottitis
14. Know which heart defects have increased pulmonary blood flow
15. Nursing management of a child with decreased pulmonary blood flow
16. Priority when assessing a child with acute rheumatic fever
17. Priority monitoring in Kawasaki's disease
18. Know the heart defects associated with Tetralogy of Fallot
19. Digoxin
 - a. Mechanism of action
 - b. Toxicity s/s
 - c. Usage

Exam 5: GI, GU, Integument – 19%

Text	ATI
Ch. 42: GI	Ch. 22: Acute Infectious Gastrointestinal Disorders Ch. 23: Gastrointestinal Structural and Inflammatory Disorders
Ch. 43: GU	Ch. 24: Enuresis and Urinary Tract Infections Ch. 25: Structural Disorders of the Genitourinary Tract and Reproductive System Ch. 26: Renal Disorders
Ch. 45: Integumentary	Ch. 31: Dermatitis and Acne Ch. 32: Burns

1. Recognize the clinical manifestations of moderate and severe dehydration in infants
2. Know the nursing implications/assessment findings for the following:
 - a. Appendicitis
 - i. S/S of perforation
 - b. Intussusception
 - c. GERD
 - d. Cleft lip/palate
 - i. Feeding implications
 - e. Hirschsprung's Disease
3. Glomerulonephritis
 - a. Labs - chronic
 - b. Improving condition
4. Burns
 - a. Priority assessment
5. Impetigo contagiosa
 - a. Signs/symptoms
6. Eczema
 - a. teaching
7. Diaper dermatitis
 - a. Nursing management
 - b. Teaching
8. Fungal infections
 - a. Signs/symptoms of different types of fungal infections
9. Isotretinoin
 - a. Education

Exam 6: Metabolic, Endocrinology, Peds Emergencies, Neuro, Musculoskeletal – 15%

Text	ATI
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Ch. 38: Neuro	Ch. 12: Acute Neurologic Disorders Ch. 13: Seizures Ch. 14: Head Injury
Ch. 44: Musculoskeletal	Ch. 27: Fractures Ch. 28: Musculoskeletal Congenital Disorders Ch. 29: Chronic Neuromusculoskeletal Disorders
Ch. 48: Endocrine	Ch. 33: Diabetes Ch. 34: Growth Hormone Deficiency
Ch. 51: Pediatric Emergencies	Ch. 43: Pediatric Emergencies

1. Risk factors for Reye syndrome
2. Positioning for a lumbar puncture
3. S/S of Absence Seizures
4. S/S of Atonic Seizures
5. Examples of neuro tube defects
6. Education related to casting
7. S/S of scoliosis
8. Physical characteristics of clubbed feet
9. Physical characteristics of scoliosis
10. Know assessment findings associated with precocious puberty
11. Type 1 Diabetes
 - a. Education
 - b. S/S Hyperglycemia
 - c. First symptoms caregivers notice
 - d. Sick day management
12. Reproductive developmental delay in females
13. Growth hormone deficiency
 - a. Hormone management
 - b. S/S of untreated growth hormone deficiency
 - c. Complications of growth hormone deficiency
 - d. How long a child will need treatment for growth hormone deficiency
14. Know methods to ventilate a child in an emergency & when to ventilate
15. Know the principles of 2-rescuer CPR
16. Know proper CPR technique for an infant OR child
17. Know emergency management of ingestion
18. Leading cause of death in adolescents
19. Leading causes of morbidity and mortality in children