

## N433 Final Exam Study Guide

Fall 2021

Material that is covered on the exam includes assigned readings in the text, ATI, lecture presentations, and your notes. Medication calculation will be on the exam. 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

Text	ATI
Ch. 25: Growth and Development Infants	Ch. 3
Ch. 26: Growth and Development Toddlers	Ch. 4
Ch. 27: Growth and Development Preschool	Ch. 5
Ch. 28: Growth and Development School-Age	Ch. 6
Ch. 29: Growth and Development Adolescents	Ch. 7

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
6. Course of action if a developmental delay is observed
7. Car seat safety for toddlers
8. Identify when modesty is developed
9. Social skills of preschoolers and school-aged children
10. Identify at what age the pincer grasp is developed
11. Identify the physical and cognitive milestones of toddlers
12. Identify the milestones of school-aged children
13. Identify the milestones of adolescents

### Exam 2: Health Assessment, Health Supervision, Atraumatic Care, Special Needs, Genetics

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. 34 Caring for the Special Needs Child	Ch. 10 Hospitalization, Illness, and Play

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 Pg. 269: Phenylketonuria Pg. 281-282: Chromosomal Abnormalities

1. Atraumatic care: preschooler
2. Trisomy 21: signs & symptoms
3. Verifying NG tube placement
4. 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
5. Identify non-pharmacological techniques for pain management and when they should be used.

### **Exam 3: Heme/Onc, Infection, Immunity**

Text	ATI
Ch. 37: Infection	Ch. 30, 36
Ch. 47: Immunologic Disorders	Ch. 38, pg. 185 (juvenile idiopathic arthritis)
Ch. 46: Hematology/Oncology	Ch. 21, 39-41

#### **Ch. 37: Infection**

1. Know education for caregivers related to infectious disorders
2. Know at which ages children receive the meningococcal vaccine
3. Know contraindications to administering a live vaccine
4. Varicella: nursing management
5. CA-MRSA risk factors

#### **Ch. 46: Hematology/Oncology**

6. S/S of sickle cell crisis
7. Iron deficiency anemia
8. Wilm's tumor
  - a. Family education/nursing management

### **Exam 4: Cardiac, Respiratory, Sensory**

Text	ATI
Ch. 39: Sensory Perception	
Ch. 40: Respiratory	Ch. 16-19, pg. 274
Ch. 41: Cardiac	

### **Ch. 39: Sensory Perception**

1. Otitis media
  - a. S/S of perforation
2. Know how to administer optic drops
3. Providing nursing care for the child with an alteration in sensory perception

### **Ch. 40: Respiratory**

1. Tonsillectomy
  - a. Post-operative management
  - b. S/S of hemorrhage
2. Cystic fibrosis
  - a. Assessment findings
  - b. Implications for administering pancreatic enzymes
  - c. Nursing management
  - d. Diagnostic methods
3. Home management of upper respiratory infections
4. RSV
  - a. Signs/symptoms
  - b. Nursing management
5. S/S of declining and improving respiratory condition
6. Streptococcal pharyngitis
  - a. Nursing management
  - b. Home management
7. LTB Croup
  - a. Signs/symptoms

### **Ch. 41: Cardiac**

1. Know which heart defects have increased pulmonary blood flow
2. Nursing management of a child with decreased pulmonary blood flow
3. Priority when assessing a child with acute rheumatic fever
4. Know the heart defects associated with Tetralogy of Fallot

### **Exam 5: GI, GU, Integument**

<b>Text</b>	<b>ATI</b>
Ch. 42: GI	Ch. 22-23
Ch. 43: GU	Ch. 24-26
Ch. 45: Integumentary	Ch. 30-32

### **Ch. 42: GI**

1. Recognize the clinical manifestations of moderate and severe dehydration in infants (ATI)
2. Know the nursing implications/assessment findings for the following:
  - a. Appendicitis
    - i. S/S of perforation
  - b. Pyloric stenosis
  - c. Intussusception
  - d. GERD
  - e. Cleft lip/palate
    - i. Feeding implications
  - f. Hirschsprung's Disease

**Ch. 43: GU**

1. Glomerulonephritis
  - a. Assessment findings
  - b. Labs
  - c. Treatment plan

**Ch. 45: Integumentary**

1. Burns
  - a. Teaching
  - b. Safety
2. Impetigo contagiosa
  - a. Signs/symptoms
  - b. Nursing management
3. Eczema
  - a. Medications
4. Diaper dermatitis
  - a. Assessment
  - b. Nursing management
  - c. Teaching
5. Fungal infections
  - a. Signs/symptoms of different types of fungal infections
6. Isotretinoin
  - a. Education

**Exam 6: Metabolic, Endocrinology, Peds Emergencies, Neuro, Musculoskeletal**

Text	ATI
Ch. 38: Neuro	Ch. 12-14
Ch. 44: Musculoskeletal	Ch. 27-29
Ch. 48: Endocrine	Ch. 33: Diabetes

	Ch. 34: Growth Hormone Deficiency
Ch. 51: Pediatric Emergencies	Ch. 43: Pediatric Emergencies

### **Ch. 38: Neuro**

1. Risk factors for Reye syndrome
2. Seizure precautions
3. Positioning for a lumbar puncture
4. S/S of Absence Seizures
5. S/S of Atonic Seizures

### **Ch. 44: Musculoskeletal**

1. Examples of neuro tube defects
2. S/S of scoliosis
3. Physical characteristics of clubbed feet
4. Physical characteristics of scoliosis

### **Ch. 48: Endocrine**

1. Know assessment findings associated with precocious puberty
2. Know complications of growth hormone deficiency
3. Know how long a child will need treatment for growth hormone deficiency
4. Type 1 Diabetes education
5. Reproductive developmental delay in females
6. Precocious puberty
7. Growth hormone deficiency
  - a. Hormone management
  - b. S/S of untreated growth hormone deficiency

### **Ch. 51: Pediatric Emergencies**

1. Know methods to ventilate a child in an emergency
2. Know the principles of 2-rescuer CPR
3. Know proper CPR technique for an infant
4. Know emergency management of ingestion
5. Leading cause of death in adolescents
5. Leading causes of morbidity and mortality in children