

**N433 Exam 2 Concept Review  
Summer 2022**

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 nursing process in each chapter will assist you in identifying appropriate nursing actions in the given scenarios. This concept review is not all-inclusive but will help you focus on key topics on the exam.

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

**Text: Ch. 30 Family-Centered and Atraumatic Care**

- Know how to complete nursing interventions in a developmentally appropriate way without traumatizing the child
- Know the role of the Child Life Specialist
- Know how to appropriately communicate with children using verbal and nonverbal methods

**Text: Ch. 31 Principles of Health Supervision**

- Know the importance of the Hep B vaccine
- Know the nursing implications for not meeting milestones or losing milestones
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**Text: Ch. 32 Health Assessment**

- Know age-appropriate ways to assess vital signs/body systems
  - Consider Erikson and Piaget stages of development
- Review when infant reflexes and when they are present and when they should disappear
- Review principles of health assessment in children, specifically respiratory, cardiac, and ears
- Know the normal ranges for vital signs for different ages
  - **There is variation in vital signs ranges in the text and ATI. Please use the textbook for these values**
- Know how to weigh and measure an infant's length
- Nursing implications related to the circulatory assessment of a limb
- Know the importance of play for child growth and development

**Text: Ch. 34 Caring for the Special Needs Child**

- Review implications for children taking herbal supplements or complementary/alternative medicine
- Know the benefits of hippotherapy

**Text: Ch. 35 Key Nursing Interventions**

- Know techniques for administering otic and ophthalmic medications
- Identify if an IV has infiltrated or if there is phlebitis present at the site
- Know and understand how to utilize the eight rights of pediatric medication administration
- Identify factors which affect the pharmacodynamics and pharmacokinetics of drugs in the pediatric population
- Know the factors affecting the absorption of medications in the pediatric population
- Identify developmentally appropriate explanations for children in relationship to medications
- Know techniques for administering medications that do not taste good
- Know what information should be given to caregivers about medications they are prescribed
- Know when enteral feedings may be used and how to assess proper placement.
- Know the injection sites for children – how many mLs can be given at the site and what needle length you would use

**Text: Ch. 36 Pain Management**

**ATI: Ch. 9 Pain Management**

- Review how long it takes for oral pain medication to take effect
- Identify and utilize behavioral versus physiological manifestations of pain in children depending on their age/developmental level
- Identify the factors affecting the perception of pain by children versus the expression of pain by children
- Understand the pain scales utilized for the pediatric population by age level, including FLACC, FACES, and the numeric pain scale (developmental considerations—RKC pp1296-1297)
- Identify non-pharmacological techniques for pain management and when they should be used.
- Be able to utilize techniques for pain management-- ATI Ch 9 Table 9.1
- Identify the Nurses' role in managing pain in the care of children
- Know the different types of nonpharmacological pain management techniques, including hypnosis, thought stopping, imagery, and distraction

**Text: Ch. 49: Genetics**

**ATI: Pg. 77-79 (Down Syndrome); 269 (Phenylketonuria); 281-282 (Chromosomal Abnormalities)**

- Phenotype of Down's Syndrome
- Characteristics of Turner Syndrome and Klinefelter's Syndrome