

## N433 Exam 6 Concept Review

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 (4%). 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.

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

### Neuro – 50%

1. S/S of central nervous system infection in all ages
2. S/S of increased intracranial pressure in all ages
3. Nursing implications related to increased intracranial pressure (ATI pg. 72)
4. Nursing management and prioritization of bacterial meningitis
5. Lab results for bacterial meningitis
6. Nurse's role in lumbar puncture, positioning for LP for all ages
7. Post-operative care for the child with a ventriculoperitoneal (VP) shunt
8. Nursing management of seizures
9. Know the hallmarks of different types of seizures and febrile seizures (Table 38.2, pg. 1394)
10. What occurs in the tonic phase of a seizure? (ATI pg. 65)
11. What occurs in the clonic phase of a seizure? (ATI pg. 65)
12. Nursing implications common anticonvulsant medications, including phenytoin, levetiracetam, and phenobarbital (Table 38.3, pg. 1396)
13. Assessment findings in the child with Duchenne muscular dystrophy

### Musculoskeletal – 26%

1. Myelomeningocele: positioning, methods to prevent infection, latex considerations
2. Developmental dysplasia of the hip (DDH): assessment findings, diagnosing DDH, treatment, and teaching guidelines
3. Nursing considerations for the child in traction to maintain pulmonary hygiene

4. Implications of different types of fractures, including simple/closed fractures and epiphyseal injuries
5. Impaired elimination of children with cerebral palsy and spina bifida
6. Nursing care and assessment of extremity in a cast
7. Nursing management and anticipatory guidance for the child with cerebral palsy

**Endocrine – 10%**

1. Know appropriate health promotion activities for an individual with DMI
2. Know how to administer insulin
3. Know S/S of hypoglycemia and hyperglycemia
4. Know assessment findings associated with precocious puberty
5. Know complications of growth hormone deficiency
6. Know how long a child will need treatment for growth hormone deficiency

**Pediatric Emergencies – 10%**

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 and what NOT to recommend