

LINCOLN MEMORIAL UNIVERSITY
School of Nursing
N245 – Summer 2010

Unit 2- N245 – Pediatric Nursing – Musculoskeletal (Exam 3)

OBJECTIVES: Upon completion of the unit, the student will be able to demonstrate, in the clinical and campus lab setting, in individual and group conferences, and on written materials, the ability to:

1. Identify effects of immobilization on the child.
2. Describe nursing care of the immobilized child.
3. Discuss developmental considerations affecting the child with traumatic injury.
4. Differentiate between the various types of congenital and acquired skeletal defects.
5. Discuss nursing care of the child with Developmental Dysplasia of the Hip (DDH).
5. Describe the therapies and nursing care of the child with scoliosis.
7. Differentiate between the various types of bone tumors that affect children.
8. Identify the manifestations and management of Juvenile Rheumatoid Arthritis (JRA).

TOPICAL OUTLINE

- I. Pediatric Differences in the Musculoskeletal System
- II. Effects of Immobilization
- III. Pediatric Considerations with Traumatic Injury
 - a. Developmental Considerations
 - b. Safety
- IV. Nursing Care of the Child with Congenital Defects
 - a. Developmental Dysplasia of the Hip (DDH)
 - b. Congenital Clubfoot
 - c. Osteogenesis Imperfecta
- V. Nursing Care of the Child with Acquired Defects - Scoliosis
- VI. Nursing Care of the Child with Bone Tumors
 - a. Osteogenic Sarcoma
 - b. Ewing Sarcoma
- VII. Nursing Care of the Child with Joint Disorders – Juvenile Rheumatoid Arthritis (JRA)

REQUIRED READINGS:

Wong, Donna, L., et al. (2001). *Wong's essentials of pediatric nursing.* (7th ed.) St. Louis: Mosby, Inc.
Chapters: 31 (focus on topics covered in topical outline)