INTER AMERICAN UNIVERSITY OF PUERTO RICO
METROPOLITAN CAMPUS
SCIENCE AND TECHNOLOGY FACULTY
CARMEN TORRES DE TIBURCIO SCHOOL OF NURSING

SYLLABUS

I. Title : Fundamentals of Pediatric Care

Code & Number : NURS. 2351

Credits : Three (3)

II. Course Description:

Discussion of essential aspects in the care of the client from the normal neonatal stage to adolescence. Analysis of dysfunctions of the functional health patterns through the use of the nursing process. Utilization of the concepts of Physiopathology, environments, and conceptual framework. Prerequisites: NURS 2141, 2142, & 2233. Corequisite: NURS 2352

III. Terminal and Specific objectives:

The students will be able to;

1. Discuss the essentials aspects in the human care from latest normal Neonatal phase through adolescent.
   1.1 Resume the historical evolution of the Pediatric Health Care.
   1.2 Explain the modern tendencies in the Pediatric Care and Healthy People 2010.
   1.3 Explain the Pediatric Nursing Standards.
   1.4 Describe the Pediatric clients Rights.
   1.5 Identify and describe the roles of the modern pediatric nursing in the care of children and adolescent.
   1.6 Describe the ethics aspects to be considered in the pediatric care
   1.7 Interpret child health indicators.
   1.8 Identify National Safety Health Goals related to child population.

2. Integrate knowledge of growth and development in nursing care.
   2.1 Define concepts related to growth and development.
   2.2 Distinguish the principles of growth and development.
   2.3 Identify the growth and development phases.
   2.4 Explain the theoretical fundamental of development of personality, mental, psychosexual and moral.

3. Examine the functional patterns of health in the growth and development
Pediatric client.

3.1 Discuss the functional health patterns in the different steps of growth and development.

3.2 Describe the principle and concepts in nursing care of children, adolescents and family using the functional health pattern framework.

3.3 Discuss the nursing role in the health promotion throughout the growth and development phases or stages.

4. Apply the nursing process of the dysfunctional in functional health patterns of the pediatric health.

4.1 Describe the pathophysiology principles and process of the dysfunctional health and process in the functional health patterns.

4.2 Discuss the nursing interventions related the functional health patterns affected in the pediatric client.

4.3 Describe the principle and concepts in nursing care of children, adolescents and family using the functional health pattern framework.

4.3 Formulate nursing diagnosis for the dysfunction in the functional health patterns.

4.4 Establish appropriate outcomes based on the child needs that are related to dysfunctions in the functional health patterns.

4.5 Plan nursing care for the child with dysfunctions in the functional health patterns.

4.6 Implement nursing care for the child with dysfunctions in the health care patterns.

4.7 Evaluate outcomes and effectiveness of the

5. Value the findings of the nursing research in the care of the pediatric client

5.1 Identify findings in nursing research in relation of the pediatric client.

5.2 Identify child nursing care areas that benefits from nursing research findings.

IV. Content outline:

A. Essential aspects in the humanistic care from the latest. Neonatal stages through the adolescence.

1. Evolution of pediatric nursing care
2. Modern tendencies in Pediatric care.
3. Standards practices of pediatric nursing.
4. Contemporary pediatric nursing roles
5. Healthy People 2010 goals.
6. Ethics aspects
7. Law # 177 of 2003 “Welfare and Integrity Protection of the child”
9. Social-cultural, religious influences in health promotion
B. Growth and development of the child and adolescents

1. Terms definitions
2. Principles of Growth and Development
3. Stages of Growth and Development
4. Theories of development
   a. Psychosexual development (Freud)
   b. Psychosocial development (Erikson)
   c. Moral development (Kohlberg)
   d. Cognitive development (Piaget)
   e. Spiritual development (Fawler)
   f. Basic needs (Maslow)

C. Nursing Process in the dysfunctional health related to functional patterns

1. Perception and Managements of health pattern
   a. Child Health assessment
      1. The child and the family with special needs
      2. Impact of hospitalization on the child and family
      3. Handling of the death process of critical ill child
      4. Diagnostics Test
         a) Nursing diagnostic (NANDA)
         b) Planning (NOC)
         c) Nursing Intervention (NIC)
            (1) Control and Prevention of Infection (6550)
            (2) Pain Handling (1400)
            (3) Diarrhea Handling (0460)
      (d) Evaluation

2. Metabolic-Nutritional Pattern
   a. Child Health assessment
      1. Nutritional metabolic functions
      2. Nutritional dysfunction
         (a) congenic disorders
         (b) Metabolic disorder
         (c) Ingestion and digestion disorder
      3. Diagnostic tests
         a. nursing diagnostic(NANDA)
         b. Planning (NOC)
         c. Nursing interventions (NIC)
            1. nutritional handling(1100)
            2. liquid and electrolyte management(2080)
      d. Evaluation

3. Elimination Pattern (Urinary and intestinal)
a. Assessment of intestinal elimination
   1. Intestinal elimination function
   2. Diagnostics Test
   3. Gastro-intestinal dysfunctions
      a) Motility disorders
      b) Obstructive disorder
      c) Inflammatory disorder
b. Nursing Diagnostics (NANDA)
c. Planning (NOC)
d. Nursing Intervention (NIC)
   1) Diarrhea Handling (0480)
   2) Constipation/fecal impastation handling (0450)
   3) Intestinal Handling (0430)
e. Evaluation
f. Assessment of urinary elimination
   1) Urinary elimination function
   2) Diagnostics Test
   3) Urinary defect disorders
g. Nursing diagnostics (NANDA)
h. Planning (NOC)
i. nursing interventions (NIC)
   1.) Urinary elimination handling (0590)
   2.) Urinary incontinence care (0610)
j. Evaluation

4. Exercise and Activities Pattern
a.) Respiratory
   1.) Assessment respiratory functions
   2.) Diagnostic Tests
   3.) Dysfunctions Diagnostics
      a.) Respiratory Infections
      b.) Chronic Dysfunctions
   4.) Nursing Diagnostics (NANDA)
   5.) Planning (NOC)
   6.) Nursing Interventions (NIC)
      a.) Respiratory Monitoring (3350)
      b.) Oxygen Therapy (3320)
      c.) Airway handling (3140)
   7.) Evaluation
b.) Cardiovascular
   1.) Cardiovascular assessment
      a.) Cardiovascular functions
      b.) Cardiovascular dysfunctions
      c.) Congenic disorders
      d.) Acquire disorders
2.) Diagnostic Tests
3.) Nursing Diagnostics (NANDA)
4.) Planning (NOC)
5.) Nursing Interventions (NIC)
   a.) Cardiac Care (4040)
   b.) Vital Signs Monitoring (6680)

c.) Hematological and Immunologic
   1.) Assessment
      a.) function
      b.) Diagnostic Tests
  c.) Dysfunctions
      1.) RBC Disorder
      2.) Homeostasis Defect
      3.) Immunologic defiance
      4.) Neoplasics disorders

2.) Nursing Diagnostics (NANDA)
3.) Planning (NOC)
4. Nursing Interventions (NIC)
   a.) Bleeding Handling (4020)
   b.) Bleeding Precautions (4010)
   c.) Hemorrhagic Control (4160)
   d.) Handling and Control of Infections (6540)

5.) Evaluation

d.) Neurological and Neuromuscular
   1.) Assessment
      a.) functions
      b.) Diagnostic Test
      c.) Dysfunctions
      1.) Cerebral Trauma
      2.) Intracranial Infections
      3.) Seizures Disorders
      4.) Cranial Mal formations
      5.) Neural Tube defects
      6.) Reyes Syndrome

2.) Nursing Diagnostics (NANDA)
3.) Planning (NOC)
4.) Nursing Interventions (NIC)
   a.) Neurological Monitoring (2620)
   b.) Disorder Management (2680)
   c.) Intracranial Pressure Monitoring (IPC) (2595)

5.) Evaluation

e.) Musculoskeletal
   1.) Assessment
      a.) functional
b.) Diagnose Tests  
c.) Dysfunctions  
   1.) Fracture  
   2.) Hip Displacement (DDH)  
   3.) Immobilize child  
   4.) Bone and articulation Infections  
   5.) Trauma  
   6.) Scoliosis and lord sis  

2.) Nursing Diagnostics (NANDA)  
3.) Planning (NOC)  
4.) Nursing Interventions (NIC)  
   1.) Cautions and Maintain of cast (0762)  
   2.) Care Obstructions (immobilization) (0940)  
   3.) Education Prescribes Exercises and Activities  
   4.) Exercise Therapy (ambulatory) (0221)  
   5.) Articular Therapy movement (0224)  

5.) Cognitive and Perceptual Pattern  
   a.) Assessment  
      1.) Diagnostic Tests  
      2.) Dysfunctions  
         a.) Mental Retardation  
         b.) Dawn Syndrome  
   b.) Nursing Diagnostics (NANDA)  
   c.) Planning (NOC)  
   d.) Nursing Interventions (NIC)  
      1.) Parent Education (5566)  
   e.) Evaluations  

VII Activities  
1.) Conference (Computer Technology Utilities)  
2.) Questions Asked and Retro communication  
3.) Guide Discussions  
4.) Discussion and analysis of related themes (newspapers)  
5.) Discussion and presentations of field experiences  
6.) Discussion of study research in class  
7.) Others  

VIII Evaluation Strategies Suggested  
1.) Short tests  
2.) Partial Exams  
3.) Final Test  
4.) Written assignments  
5.) Oral Presentations  
6.) Test workbook studies guide
IX Course References

Required textbooks:


Other References:


Electronic References


The Joint Commission http://www.jointcommission.org/


http://www.ccr.dsi.uan.mx-macronal/devmotor.html
http://www.nurse.com/nursing/drugreferences.html


http://www.pedhivaidas.org/ (HIV/ SIDA Pediátrico)

CINAHL (For more info please refer to the library)

**Electronic Data Base** (Web access in CAI)(Health Reference Center, Proguest, Nursing Journals).

Rev. Prof Cividanes
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