I. GENERAL INFORMATION

Course Title : FUNDAMENTAL OF PEDIATRIC CARE  
Code : NURS  
Number : 2351  
Credits : THREE (3)  
Term :  
Professor :  
Office Hours :  
Telephones : (787) 250 – 19112 ext. 2202  
Electronic mail : 

II. DESCRIPTION

Discussion of the essential aspects in the care of the client from the stages neonatal delayed normal to the adolescence. Analysis of the dysfunctions in the functional patterns of health by means of the use of the nursing process. Use of the pathophysiology, environmental, concepts and of the conceptual frame of curricular. Requirements: Nurs: 2141, 2142, ND 2233 Contender with Nurs. 2352.

III TERMINAL OBJECTIVES

When finalizing the course, the student:

1. To demonstrate the knowledge of the nursing process as frame of reference of skills of critical thought to offer well-taken care of and surely efficient to the pediatric client with alterations in the functional patterns when studying the stages of growth and development. [Functional patterns, security, thought / criticize, Process of nursing].

2. To discuss the therapeutic interventions of nursing based on evidence for the handing of the dysfunctions that affects to the pediatric client through the stages of growth and development. [Evidence based and wellness-illness].

3. To offers of well-taken care humanistic to the pediatric client being recognized its necessities, values and to their estimate the impact of the culture in the interventions of nursing. [Cultural competition and sensitivity, Humanist well-taken care].

4. To discuss the use of the therapeutic communication, the literace in health and the use of computer science in the care of the pediatric client and the communication with the multidisciplinary equipment. [computer science, health literacy, therapeutic].

5. To demonstrate to knowledge for the process of taking of decision being based on evidences when well-taken care of offering to the pediatric client in its respective states of growth and development. [Investigation, making decision, demonstrates cradle in safe practice].
6. Demonstrate knowledge to offer safety care and quality to the pediatric client in its respective stage of growth and development. [Patient safety, leadership (Team Stepp)]

IV. CONTENT THEMATIC

A. Essential aspects in the well-taken care of humanist from the stages neonatal delayed normal to the adolescence.

4. Role of the contemporary pediatrics nursing.
6. Ethical aspects.
7. Law 177 of year 2003” Law for the well-being and Protection Integral of Childhood.
8. Law 2001: No boy is straggler (nonchild left behind).
9. Sociocultural aspects:
   a. Components of the Cultural Competitions
   b. Beliefs and You Practice Cultural Groups

10. Considerations in the Communication
    a. Verbal and Written communications
    b. SBAR (Team Stepp)
    c. I’ M Safe check list

11. Handling of the Technology Computer science
    a. Data processing
    b. Cradle in Evidence practices (Evidence Based)
    c. Use of the Web as evidence tools

12. Goals of Security
    a. I.O.M (Institute of Medicine)
    b. Control of Infections
    c. Patient Identification
    d. Medicines of High Risk

B. Growth and development of a child
1. Definition of terms
2. Principles of growth and development
3. Stage of growth and development
4. Theories of development
5. Promotion of the health according to growth & development stage

C. Process of nursing in the disfunctions in the functional patterns of health

1. Perception and Handling of the Health Pattern
a. Considered

1. The child and family with special necessities
2. Impact of the hospitalization in the child and the family
3. Handing of the process of young death of the critically ill care
4. Test you diagnose
   a) Nursing Diagnoses (NANDA)
   b) Nursing Outcomes (NOC)
   c) Nursing Interventions (NIC)
      (1) Prevention and Control of Infections (6550)
      (2) Handling of Pain (1400)
      (3) Handling of Diarrea (0460)

d) Evaluation

2. Nutritional-Metabolic Pattern
   a. Considered
      1. Nutritional – Metabolic function
      2. Nutritions Dysfuntions
         (1) congenital disorder
         (2) Metabolic disorder
         (3) Ingestion and digestion disorder

3. Diagnostics Test
   a. Nursing Diagnose (NANDA)
   b. Nursing Outcomes (NOC)
   c. Nursing Interventions (NIC)
      (1) Nutritional handling (NIC 1100)
      (2) Handling of liquids and electrolytes (NIC 2080)

3. Pattern of Elimination (intestinal and Urinary)
   a. Considered intestinal elimination
      1. Intestinal function elimination
      2. Test you diagnose
      3. Gastro-intestinal dysfunction
         a. Motility disfuntion
         b. Obstructive disfuntion
         c. Inflammatory disfuntion

   b. Nursing Diagnose (NANDA)
   c. Planning (NOC)
   d. Nursing Interventions (NIC)
      (1) Handling of Diarrea (NIC 0460)
      (2) Handling of fecal, Constipation/Impactations (NIC 0450)
      (3) Urinary & Gastro intestinal out put. (NIC 0430)

e. Evaluation
f. Assessment of Urinary output

   (1) Function urinary elimination
(2) Laboratory Test
(3) Defects/you disorder toilets

g. Nursing Diagnose (NANDA)
h. Nursing Outcomes (NOC)
i. Nursing Interventions (NIC)
   1) Handling of urinary elimination (NIC 0590)
   2) Well-taken care of urinary incontinent (NIC 0610)

j. Evaluation

3. Activity and Exercises Pattern

A. Respiratory
   1) Considered respiratory function
   2) Laboratory Test
   3) Dysfunctions
      a. respiratory infections
      b. Chronic dysfunctions
   4) Nursing Diagnose (NANDA)
   5) Nursing Outcome (NOC)
   6) Nursing Intervention (NIC)
      a) Monitoring respiratory
      b) Therapy of oxygenate (NIC 3350)
      c) Handling of via of air (NIC 3140)

   7) Evaluation
B. Cardiovascular
   1. Considered
      a. Cardiovascular function
      b. Cardiovascular disfunction
      c. Congenital disorders
      d. Acquired disorder

   2. Test you diagnose
   3. Nursing Diagnoses (NANDA)
   4. Nursing Outcomes (NOC)
   5. Nursing Interventions (NIC)
      a) Cardiac care (NIC 4040)
      b) Vital signs Monitoring (NIC6680)

C. Hematology and Immunological

   1. Considered

      a) Function
      b) Test you diagnose
      c) Dysfuntions
         1. Red cells disorders
         2. Homeostasis defects
3. Deficiencies Immunological
4. Neoplastic disorders

2. Nursing Diagnoses (NANDA)
3. Nursing Outcomes (NOC)
4. Nursing Interventions (NIC)
   a. Bleed handling of (NIC 4020)
   b. Precautions in bleed (NIC 4010)
   c. Control of hemorrhage (NIC 4160)
   d. Handling and control of Infections (NIC 6540)

5. Evaluation

D. Neurological – neuromuscular
   1. Considered
      a. Function
      b. Test you diagnose
      c. Dysfunctions:
         1. Cerebral trauma
         2. Intracranial infection
         3. Convulsive disorder
         4. Malformation cranials
         5. Neural tube Defects
         6. Reye’s Syndrome

   2. Diagnoses of Nursing (NANDA)
   3. Planning (NOC)
   4. Interventions of Nursing (NIC)
      a. Monitoring Neurological (2620)
      b. Handling of seizures
      c. Monitoring intracranial pressure (ICP) (2595)

5. Evaluation

E. Musculoskeletal
   1. Considered
      a. Function
      b. Test you diagnose
      c. Dysfunctions
         1. Fractures
         2. Dysplasia of hip (DDH)
         3. Immobilized child
         4. Traumas
         5. Lordosis and Scoliosis

   2. Nursing Diagnoses (NANDA)
   3. Nursing Outcomes (NOC)
   4. Nursing Interventions (NIC)
1) Taken care of and plaster maintenance (NIC 0762)
2) Taken care of traction (immobilization) (NIC 0940)
3) Education: Prescribed activity and Exercise
4) Therapy of exercise (ambulation) (NIC 0221)
5) Therapy movement to articulate (NIC0224)

5. Evaluation

4. Perceptual – Cognitive Patterns
   a. Considered

   1. Test you diagnose
   2. Dysfunctions
      a. Mental Retardation
      b. Down’s Syndrome
   b. Nursing Diagnoses (NANDA)
   c. Nursing Outcomes (NOC)
   d. Nursing Intervention (NIC)
      i. Education to parents (5566)

5. Evaluation

V. ACTIVITIES

1. Conference (use of the computer technology)
2. Directed questions and retro communication
3. Directed discussion
4. Discussion and analysis of subjects related of the course of written press (Critical Thinking)
5. Presentation and discussion of experiences of the newspaper to live
6. Discussion of works of investigation (Evidence Based Practice)
7. It estimated (“assessment”)
8. Collaborative work
9. Socialized discussion
10. Oral information written
11. Others

IV. EVALUATION

<table>
<thead>
<tr>
<th></th>
<th>SCORE</th>
<th>% of the Final Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Short test</td>
<td>40</td>
<td>20</td>
</tr>
<tr>
<td>2. Examinations Practices</td>
<td>40</td>
<td>15</td>
</tr>
<tr>
<td>3. Final examination</td>
<td>100</td>
<td>25</td>
</tr>
<tr>
<td>4. Works written</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>5. Oral presentations</td>
<td>20</td>
<td>15</td>
</tr>
<tr>
<td>6. Guides studies</td>
<td>20</td>
<td>15</td>
</tr>
</tbody>
</table>
VII. SPECIAL NOTES (EFFECTIVES AUGUST 2009)

1. **Auxiliary services or Special Necesities**

   All students who requires auxiliary services or special attendance will have to as soon ask for such the beginning of the course or as she acquires knowledge which she needs them, by means of the corresponding registry in the office of the Professional Advisor José Rodriguez of University Direction.

2. **Honesty, Fraud and Plagiarism**

   The lack of honesty, the fraud the plagiarism and any other inadequate behavior in relation to the academic work they constitute greater infractions sanctioned by GENERAL regulation of the Students, Capitulo V, I articulate, I Section B, 2. The greater infractions, according to arrange General regulation of the Student they can have like consequence the suspension of the University by a defined time greater of the year or the permanent expulsion of the University, among other sanctions.

3. **Use of electronics Devices**

   One deactivated the cellular telephones and any electronics that could interrupt the processes of education and learning or alter the conducive atmosphere to the academic excellence. The urgent situations will be taken care of, according to corresponds. The handling of electronics is prohibited that allow to accede, to store or to send data during evaluations or examinatitons.

VIII. Educate Resources

**Text book**


IX. Other References:

**Books:**


**Electronic references**

   1. For Center Disease Control. Infection Guidelines
      http://www.cdc.gov/ncidod/dhqp/guidelines.html
Materials in Internet Team-Stepps:

Tutorial in Practice based on Evidences: http://ebp.lib.uic.edu/nursing/?q=node/38
Evidence Based Practice (University of Minnesota Libraries)
http://www.biomed.lib.umn.edu/learn/ebp/mod01/index.html


Literacy in Health:
Alphabetization in Health, patient education:
http://www.pfizerhealthliteracy.com/physicians-providers/what-is-health-literacy.html
http://hospitals.unm.edu/health_literacy/videos/oim.wmv

Cultural competition
1. Measure your hospital’s patient safety culture.
   http://www.ahrq.gov/qual/patientsafetyculture/.
3. U.S. Department of Health & Human Service, Office of Minority Health:
   http://www.thinkculturalhealth.org I modulate 1 & 2


CINAHL (To talk about to the library for more information)
Electronic data base (Accesar through Web from the CAI)
(Health Reference Center, ProQuest, Nursing Journals).

Rev. A. Cividanes 8/2010