

Module XX: XX

Course Title: Paediatrics and Paediatrics Nursing II (PPN 025)

Course objectives

By the end of this course you will be able to:

1. Describe the general principles of paediatrics surgical nursing
2. Describe common surgical conditions

| Unit Name & Number  | Unit Objectives   | Unit Topic and Subtopics  |
|---|---|---|
| Unit One:<br>General Principles of Paediatrics Surgical Nursing | At the end of the Unit, you will be able to:<br><br>1.1 Describe the general principles of paediatrics surgical nursing | <b>Introduction to the Course</b><br><br><b>Course objectives</b><br><br><b>Introduction to the Unit</b><br><br><b>Unit objectives</b><br><br>1 .1General Principles of Paediatric Surgical Nursing<br><br>1.6 Self test 1 (Checkpoint question)<br><br>1.7 What have you learnt? |

| Unit Name & Number                            | Unit Objectives  | Unit Topic and Subtopics   |
|---|--|--|
| Unit Two:<br>Common<br>Surgical<br>Conditions | <p>By the end of this Unit you will be able to:</p> <p>Describe the following common surgical conditions:</p> <ol style="list-style-type: none"> <li>1. Trauma</li> <li>2. Acute abdomen</li> <li>3. Acute Appendicitis</li> <li>4. Burns</li> <li>5. Foreign bodies</li> <li>6. Neoplasms</li> <li>7. Cancrum oris</li> </ol> | <p><b>Introduction to the Unit</b></p> <p><b>Unit objectives</b></p> <p>2.1 Trauma</p> <ol style="list-style-type: none"> <li>2.1.1 Abrasions</li> <li>2.1.2 Contusion</li> <li>2.1.3 Laceration</li> <li>2.1.4 Fracture</li> <li>2.1.5 Incision</li> <li>2.1.6 Definitions of Trauma</li> <li>2.1.7 Types of Trauma</li> <li>2.1.8 Management of a Child with Major Trauma</li> <li>2.1.9 Airway Control</li> <li>2.1.10 Oxygen Administration</li> <li>2.1.11 Cervical Spine Control</li> <li>2.1.12 Intravenous Fluids</li> <li>2.1.13 Analgesia</li> <li>2.1.14 Antibiotics</li> <li>2.1.15 Tetanus Toxoid Administration</li> <li>2.1.16 Advanced Trauma Life Support</li> <li>2.1.17 Primary Survey</li> <li>2.1.18 Resuscitation Phase</li> <li>2.1.19 Secondary Survey</li> <li>2.1.20 Definitive Care Phase</li> <li>2.1.21 Investigations in Major Trauma</li> <li>2.1.22 Complications of Trauma</li> </ol> <p>2.2 Acute Abdomen</p> <ol style="list-style-type: none"> <li>2.2.1 Types of Abdominal Pains</li> <li>2.2.2 Visceral Pain</li> <li>2.2.3 Somatic Pain</li> <li>2.2.4 Referred Pain</li> <li>2.2.5 General Causes of Referred Pain</li> <li>2.2.6 Congenital Defects (Stanfield &amp; Bwino (2010))</li> <li>2.2.7 Specific Conditions Causing Acute Abdomen</li> <li>2.2.8 Intestinal Obstruction</li> <li>2.2.9 Types of Intestinal Obstruction</li> <li>2.2.10 Pathology of Intestinal Obstruction</li> <li>2.2.11 Strangulation</li> <li>2.2.12 Clinical Features of Acute Intestinal Obstruction</li> <li>2.2.13 Peritonitis</li> <li>2.2.14 Paths of Bacterial Invasion</li> <li>2.2.15 Clinical Features of Peritonitis</li> <li>2.2.16 Diffused (Generalised) Peritonitis</li> </ol> <p>2.3 Acute Appendicitis</p> <ol style="list-style-type: none"> <li>2.3.1 Types of Appendicitis</li> <li>2.3.2 Aetiology of Acute Appendicitis</li> <li>2.3.3 Clinical Features of Acute Appendicitis</li> </ol> |

|  |  |  |
|--|--|--|
|  |  | <ul style="list-style-type: none"> <li>2.3.4 Management of Acute Appendicitis</li> <li>2.3.5 Preoperative Care</li> <li>2.3.6 Physical Preparation</li> <li>2.3.7 Psychological Preparation</li> <li>2.3.8 Immediate Preparation</li> <li>2.3.9 Post Operative Nursing Management</li> <li>2.3.10 Environment</li> <li>2.3.11 Observations</li> <li>2.3.12 Pain Management</li> <li>2.3.13 Nutrition and Fluids</li> <li>2.3.14 Wound Care</li> <li>2.3.15 Hygiene Measures</li> <li>2.3.16 Psychological Care</li> <li>2.3.17 Elimination</li> <li>2.3.18 Health Education on Discharge</li> <li>2.3.19 Complications of Abdominal Surgery</li> <li>2.3.20 Signs and Symptoms of Acute Abdomen</li> </ul> <p>2.4 Burns</p> <ul style="list-style-type: none"> <li>2.4.1 Definition of Burns</li> <li>2.4.2 Causes and Types of Burn Injury</li> <li>2.4.3 Classification of Burns</li> <li>2.4.4 Partial Thickness Burn</li> <li>2.4.5 Full Thickness Burn</li> <li>2.4.6 Extent of Burn</li> <li>2.4.7 Rule of Nines</li> <li>2.4.8 Pathophysiology</li> <li>2.4.9 Fluid and Electrolyte Shifts</li> <li>2.4.10 Inflammation and Healing</li> <li>2.4.11 Immunological Changes</li> <li>2.4.12 Clinical Features of Pathophysiology</li> <li>2.4.13 Nursing Management of Patient with Severe Burns</li> <li>2.4.14 Admission of Patient with Severe Burns</li> <li>2.4.15 Maintenance of Clear Airway for a Patient with Severe Burns</li> <li>2.4.16 Fluid and Electrolyte Replacement</li> <li>2.4.17 Wound Care for a Patient with Severe Burns</li> <li>2.4.18 Hygiene of a Patient with Severe Burns</li> <li>2.4.19 Relief of Pain and Drug Therapy of Patient with Severe Burns</li> <li>2.4.20 Nutrition of Patient with Severe Burns</li> <li>2.4.21 Elimination of Urine of Patient with Severe Burns</li> <li>2.4.22 Psychological Care of Patient with Severe Burns</li> <li>2.4.23 Complications of Patient with Severe Burns</li> </ul> <p>2.5 Foreign Bodies of the Ear Nose and Throat</p> <ul style="list-style-type: none"> <li>2.5.1 Epidemiology of Foreign Bodies</li> <li>2.5.2 Types of Foreign Bodies</li> <li>2.5.3 The Ear</li> <li>2.5.4 The Nose</li> </ul> |
|--|--|--|

|  |  |  |
|--|--|--|
|  |  | <p>2.5.5 The Throat</p> <p>2.5.6 Clinical Presentation of Foreign Bodies</p> <p>2.5.7 Investigations of Foreign Bodies</p> <p>2.5.8 Assessment of the Ear</p> <p>2.5.9 Assessment of the Nose</p> <p>2.5.10 Assessment of Foreign Body in the Throat</p> <p>2.5.11 Assessment of the Throat</p> <p>2.5.12 Complications of Foreign Bodies</p> <p>2.5.13 Health Teaching of Foreign Bodies</p> <p>2.6 Neoplasms</p> <p>2.6.1 Wilm's Tumour</p> <p>2.6.2 Symptoms of Wilm's Tumour</p> <p>2.6.3 Diagnosis of Wilm's Tumour</p> <p>2.6.4 Staging of Wilm's Tumour</p> <p>2.6.5 Management of Wilm's Tumour</p> <p>2.6.6 Prognosis of Wilm's Tumour</p> <p>2.6.7 Burkitt's Lymphoma</p> <p>2.6.8 Types of Burkitt's Lymphoma</p> <p>2.6.9 Symptoms of Burkitt Lymphoma</p> <p>2.6.10 Diagnosis of Burkitt Lymphoma</p> <p>2.6.11 Treatments for Burkitt Lymphoma</p> <p>2.6.12 Prognosis for Burkitt Lymphoma</p> <p>2.6.13 Neuroblastoma</p> <p>2.6.14 Cause of Neuroblastoma</p> <p>2.6.15 Predisposing Factors of Neuroblastoma</p> <p>2.6.16 Signs and Symptoms of Neuroblastoma</p> <p>2.6.17 Diagnosis of Neuroblastoma</p> <p>2.6.18 Staging of Neuroblastoma</p> <p>2.6.19 Treatment of Neuroblastoma</p> <p>2.7 Cancrum Oris</p> <p>2.7.1 Incidence of Cancrum Oris</p> <p>2.7.2 Causes of Cancrum Oris</p> <p>2.7.3 Predisposing Factors of Cancrum Oris</p> <p>2.7.4 Clinical Presentation of Cancrum Oris</p> <p>2.7.5 Management of Cancrum Oris</p> <p>2.7.6 Feeding and Electrolytes</p> <p>2.7.7 Care for the Lesion</p> <p>2.7.8 Complications of Cancrum Oris</p> <p>2.8 References</p> <p>2.9 What Have You Learnt?</p> |
|--|--|--|