

## **NURSING 102: NURSING CARE OF ADULTS**

### **UNIT IV: NURSING CARE OF THE INDIVIDUAL WITH DISORDERS OF THE GASTROINTESTINAL SYSTEM**

#### **UNIT OBJECTIVES**

##### **AT THE COMPLETION OF THE UNIT, THE STUDENT:**

1. Relates the normal anatomy and physiology of the gastrointestinal system.
2. Relates the normal functioning of the gastrointestinal system to the maintenance of life.
3. Explains the interrelationships of the gastrointestinal system to other body systems.
4. Differentiates normal from abnormal characteristics of the gastrointestinal system.
5. Explains the purpose, significance, results, and nursing responsibilities of diagnostic studies for the gastrointestinal system.
6. Describes the etiology, clinical manifestations, complications, and nursing responsibilities for the patient with disorders of ingestion, nutrition, digestion, absorption, elimination, and for the patient with biliary tract, pancreas, and liver problems.
7. Discusses the usual medical, surgical, and nursing management of patients with disorders of ingestion, nutrition, digestion, absorption and elimination, and of patients with biliary tract, pancreas, and liver problems.
8. Discusses principles and nursing responsibilities of enteral feeding.
9. Describes principles of nasogastric intubation and nursing interventions for patients with a nasogastric tube.
10. Discusses basic care and nursing management of the patient with an ostomy.
11. Implements therapeutic nursing care using the nursing process and critical thinking skills for patients with disorders of the gastrointestinal system.
12. Utilizes communication skills when delivering nursing care to patients with disorders of the gastrointestinal system.
13. Identifies the psychosocial needs of patients with disorders of the gastrointestinal system.
14. Teaches patients about their gastrointestinal disorders.
15. Relates knowledge of community resources available to assist the patient with disorders of the gastrointestinal system.
16. Discusses clinical manifestations related to specific age-related physiologic changes.
17. Describes common problems of older adults and the role of the nurse in assisting them with selected gastrointestinal disorders.
18. Identifies evidence-based practice/best practice standards related to nursing care for patients with disorders of the gastrointestinal system.
19. Demonstrates accountability when providing nursing care for patients with disorders of the gastrointestinal system.

CONTENT / HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<p><b>Unit IV: Nursing Care of the Individual with Disturbances of the Gastrointestinal System</b></p> <p>Theory: 13.0 Clinical: 11.5</p> <p>I. Review Anatomy and Physiology</p> <ul style="list-style-type: none"> <li>A. Assessment &amp; Diagnostics of GI Tract</li> <li>B. Common Diagnostic Testing</li> <li>C. Community Resources</li> <li>D. Geriatric Considerations</li> </ul> <p>II. Problems of Nutrition</p> <ul style="list-style-type: none"> <li>A. Malnutrition</li> <li>B. Obesity</li> <li>C. Bariatric Medicine</li> </ul> <p>III. Problems of Ingestion</p> <ul style="list-style-type: none"> <li>A. Dental Problems</li> <li>B. Oral Inflammations and Infections</li> <li>C. Carcinoma of the Oral Cavity</li> <li>D. Gastroesophageal Reflux Disease</li> <li>E. Hiatal Hernia</li> <li>F. Malignant Neoplasms of the Esophagus</li> <li>G. Other Esophageal Disorders <ul style="list-style-type: none"> <li>1. Esophagitis</li> <li>2. Diverticula</li> <li>3. Strictures</li> <li>4. Achalasia</li> </ul> </li> <li>H. Foodborne Illness</li> <li>I. Aspiration Precautions</li> </ul>	<p>Lecture PowerPoint Discussion Handouts Classroom Participation</p> <p>Visual-based Learning: Obesity Epidemic Handout: Patient Diets &amp; Menu Mini nutrition assessment tool</p> <p>Unfolding Case Studies: Abdominal Mass Diet/Nutrition advice Malnutrition Obesity Nausea/Vomiting GERD PUD Esophageal</p>	<p>Required Readings Plan and care for the patient with gastrointestinal disorders when available Pre and Post Conference ATI Real Life Clinical: GI Bleed</p> <p>Handout: Assessment and Diagnostics Chart</p> <p>In Class Activity: Active Learning Templates:</p> <p>Malnutrition Obesity Oral Cancer GERD Esophageal Cancer Esophagitis Hiatal Hernia Peptic Ulcer Disease Gastric Cancer</p>	<p>Class Preparation Quizzes (2) Unit Exams (2) Concept Maps Clinical Evaluation Final Exam</p>

CONTENT / HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<p>IV. Problems of Digestion</p> <ul style="list-style-type: none"> <li>A. Nausea and Vomiting</li> <li>B. Gastritis</li> <li>C. Upper GI Bleeding</li> <li>D. Peptic Ulcer Disease               <ul style="list-style-type: none"> <li>1. Gastric</li> <li>2. Duodenal</li> </ul> </li> <li>E. Stress Ulcers</li> <li>F. Cancer of the Stomach</li> <li>G. Nasogastric Intubation</li> <li>H. Enteral Nutrition</li> </ul> <p>(End Exam I)</p> <p>V. Problems of Absorption and Elimination</p> <ul style="list-style-type: none"> <li>A. Diarrhea</li> <li>B. Fecal Incontinence</li> <li>C. Constipation</li> <li>D. Chronic Abdominal Pain</li> <li>E. Inflammatory Diseases               <ul style="list-style-type: none"> <li>1. Acute Abdomen</li> <li>2. Appendicitis</li> <li>3. Peritonitis</li> <li>4. Gastroenteritis</li> <li>5. Irritable Bowel Syndrome</li> <li>6. Inflammatory Bowel Disease                   <ul style="list-style-type: none"> <li>a. Ulcerative Colitis</li> <li>b. Crohn's Disease</li> </ul> </li> </ul> </li> <li>F. Intestinal Obstruction               <ul style="list-style-type: none"> <li>1. Mechanical</li> <li>2. Nonmechanical</li> </ul> </li> <li>G. Polyps of the Large Intestine</li> <li>H. Cancer of the Colon &amp; Rectum</li> <li>I. Diverticulosis and Diverticulitis</li> <li>J. Hernias</li> </ul>	<p>Game-based Learning: GI Review Kahoot</p> <p>Experiential Learning: Nasogastric tube insertion</p> <p>Interactive Lecture: Guest Speaker - Enteral Feedings &amp; Supplements</p>	<p>Handout: Gastric and Duodenal Ulcers Chart</p>	

