

COURSE: SURGERY AND SURGICAL NURSING 1

COURSE CODE: SSN 0110

COURSE AIM: To equip students with knowledge and skills in surgery and surgical nursing and management of patients with surgical conditions

COURSE OBJECTIVES

At the end of the course, the student should be able to:

1. Apply the principles of Surgery and Surgical nursing in the management of patients undergoing surgery.
2. Describe the management of a client/patient with trauma, wounds and burns.
3. Describe common surgical conditions affecting the GIT, cardiovascular and respiratory systems.

Course Objective By the end of the course, the learner should be able to:	Unit Title	Unit Objectives By the end of the unit, the learner should be able to:	Unit Topics
1. Apply the principles of surgery and surgical nursing in the management of patients undergoing surgery	Unit 1: Introduction to surgery and surgical nursing	1.1. Introduction 1.2. Unit Objectives 1.3. Define the common concepts and terms used in surgery and surgical nursing 1.4. Explain the principles of surgery and surgical nursing 1.5. Outline the types of surgery 1.6. Discuss the management of a patient undergoing surgery	1.1 Introduction to the Unit 1.2 Unit Objectives <u>1.3 Definition of concepts and terms</u> <u>1.4 General Principles of Surgery</u> <u>1.5 Types of Surgery</u> <u>1.6 Management of a Patient Undergoing Surgery</u> <u>1.7 Unit summary</u> <u>1.8 Self test</u>

<p>2. Describe the management of a client/patient with trauma, wounds and burns</p>	<p>Unit 2: Physiological Reaction To Injury</p>	<p>2.1. Introduction 2.2. Unit Objectives 2.3. Explain the process of inflammation 2.4. Describe the management of a patient with trauma 2.5. Describe the management of a patient with wounds 2.6.Explain the management of a patient with burns</p>	<p>2.1 Introduction 2.2 Unit objectives 2.3_Inflammation 2.4 Trauma 2.5 Wounds 2.6 Burns 2.7 Unit Summary 2.8 Self Test 2.9 References</p>
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<p>3. Apply the knowledge of surgical conditions of the GIT, cardiovascular and respiratory system to the management of clients</p>	<p>Unit 3: Management of a patient with surgical conditions of the GIT, cardiovascular, and respiratory systems</p>	<p>3.1 Describe the management of clients with surgical conditions of the gastrointestinal tract</p> <p>3.2 Describe the management of clients with surgical conditions of the cardiovascular system</p> <p>3.3 Describe the management of clients with surgical conditions of the respiratory system</p>	<p>3.1 Management of clients with disorders of the GIT</p> <p>3.1.1 Disorders of the mouth</p> <ul style="list-style-type: none"> • Neoplasms • Disorders of the teeth <p>3.1.2 Disorders of the oesophagus:</p> <ul style="list-style-type: none"> • Oesophageal diverticulum • Oesophageal obstruction • Oesophageal tumours • Foreign bodies • Achalasia • Cancer of the oesophagus <p>Special investigations</p> <ul style="list-style-type: none"> • Oesophagoscopy • Barium swallow <p>3.1.3 Gastric disorders</p> <ul style="list-style-type: none"> • Pyloric disorders • Peptic ulcer • Gastric cancer • Duodenal ulcer • Congenital pyloric stenosis • Hiatus hernia <p>Special investigations</p> <p>3.1.4 Intestinal disorders</p> <ul style="list-style-type: none"> • Acute abdomen • Intestinal obstruction • Peritonitis
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			<p>3.2 Management of clients with surgical disorders of the cardiovascular system</p> <ul style="list-style-type: none">• Congenital pericardium• Gangrene• Peripheral capsular disease• Varicose veins• Deep vein thrombosis• Special investigations<ul style="list-style-type: none">– Cardiography– Doppler ultrasound– Electro cardiogram (ECG/EKG)
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			<p>3.3 Management of clients with surgical disorders of the respiratory system</p> <ul style="list-style-type: none"> • Chest injuries • Pleural effusion • Pneumothorax • Flail chest • Sucking chest wound • Emphysema • Haemothorax • Cancer of the lung • Emergency management <p>Special investigations</p> <ul style="list-style-type: none"> – Bronchoscopy – Bronchogram – Laryngoscopy – Chest x-ray <ul style="list-style-type: none"> • Special procedures <ul style="list-style-type: none"> – Tracheostomy – Under water seal drainage
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