

## **ZNLTP –Outline**

**Course Code: MMN 019**

**Course Name: Medicine and Medical Nursing I**

**Course Status: FULL COURSE**

**Course Hours: 265Hours**

**Theory: 55 Hours**

**Practical: 210 Hours**

**COURSE AIM:** to equip students with knowledge and skills in the management of common medical conditions in order to provide comprehensive nursing care to clients and their families in hospitals, health centres and community settings.

### **Course Objectives**

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

1. Apply the principles of medicine and medical nursing in the health assessment of clients with medical conditions
2. Describe the diagnosis, management, prevention and control of disorders of the digestive system
3. Describe the diagnosis, management, prevention and control of disorders of the respiratory system
4. Describe the diagnosis and management of disorders of the cardiovascular system

Course Objectives	Unit Title	Unit Objectives	Unit Topics
1. Apply the principles of medicine and medical nursing in the health assessment of clients with medical conditions	<b>Unit 1: Introduction to medicine and medical nursing</b>	1.1. Define terms used in medicine and medical nursing 1.2. Explain the principles of medicine and medical nursing. 1.3. Describe nature and causes of disease. 1.4. Explain the process of conducting health assessment	1.1 Definition of Terms Used in Medicine and Medical Nursing 1.2 Principles of Medicine And Medical Nursing 1.3 Nature and Causes of Disease 1.6 Health Assessment <ul style="list-style-type: none"> <li>• History taking</li> <li>• Physical examination</li> </ul>
2. Describe the diagnosis, management, prevention and control of disorders of the digestive system	<b>Unit 2: The Digestive system</b>	2.1. Describe the anatomy and physiology of the digestive system. 2.2. Explain the role of the nurse in common GIT investigations and procedures. 2.3. Discuss the management of a patient with oral and oesophageal disorders 2.4. Discuss the management of a patient with stomach and duodenal disorders 2.5. Discuss the management of a patient with intestinal disorders 2.6. Discuss the management of the patient with hepatic disorders 2.7. Discuss the management of a patient with biliary disorders 2.8. Discuss the management of patients	2.1. Applied Anatomy and Physiology of the Digestive System 2.2. The Role of the Nurse in Investigations and Procedures 2.3. Management of Patients With Oral and Oesophageal Disorders 2.4. Management of Patients With Stomach and Duodenal Disorders 2.5. Management of Patients With Intestinal Disorders 2.6. Management of a Patient With Hepatic Disorders 2.7. Management of a Patient with Biliary Disorders 2.8. Worm Infestations

		with worm infestations	
3. Describe the diagnosis, management, prevention and control of disorders of the respiratory system	<b>Unit 3: The Respiratory System</b>	<p>3.1 Describe the anatomy and physiology of the respiratory system</p> <p>3.2 Explain the role of the nurse in investigations and procedures of the respiratory disorders</p> <p>3.3 Discuss the management of patients with Upper Respiratory Tract disorders.</p> <p>3.4 Discuss the Management of patients with Lower Respiratory Tract disorders</p>	<p>3.1 Anatomy and physiology of the respiratory system</p> <p>3.2 Role of the nurse in investigations and procedures of the respiratory disorders</p> <p>3.3 Management of patients with Upper Respiratory Tract disorders.</p> <p>3.4 Management of patients with Lower Respiratory Tract disorders</p>
4. Describe the diagnosis and management of disorders of the cardiovascular system	<b>Unit 4: The Cardiovascular System</b>	<p>4.1. Explain the anatomy and physiology of the cardiovascular system.</p> <p>4.2. Describe the role of the nurse in investigations and procedures of the cardiovascular system</p> <p>4.3. Discuss the diagnosis and management of patients with blood disorders</p> <p>4.4. Discuss the diagnosis and management of patients with heart disorders</p> <p>4.5. Discuss the diagnosis and management of patients with</p>	<p>4.1 Anatomy and physiology of the cardiovascular system.</p> <p>4.2. Role of the nurse in investigations and procedures of the cardiovascular system</p> <p>4.4 Blood Disorders</p> <p>4.5 Heart disorders</p> <p>4.6 Hypertension</p> <p>4.7 Peripheral vascular disorders</p> <p>4.8 Malaria</p> <p>4.9 Filariasis</p>

		<p>hypertension</p> <p>4.6. Discuss the diagnosis and management of patients with Peripheral vascular disorders</p> <p>4.7. Discuss the diagnosis and management of patients with malaria</p> <p>4.8. Discuss the diagnosis and management of patients with Filariasis</p>	
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