

Course Overview

Epidemiology and infection control

Course code :	PMT703
Course title:	Epidemiology and infection control
Level/semester	Seventh Semester
PRECEDING COURSES	Introduction to Microbiology, Introduction to Parasitology
Credit hours: 4	Theoretical: 3
	Practical: 2

CURRICULUM CONTENTS

الموضوعات الرئيسية التي يغطيها المقرر	م
<p>The Epidemiology and infection control:-</p> <ol style="list-style-type: none"> 1. Define the epidemiology and infection control. 2. Describe the purposes of epidemiology. 3. Classify the epidemiology. 4. Discuss the descriptive epidemiology& the epidemiologic triangle . 5. Definition of Infection prevention& Infectious diseases. 6. Describe the types of infection. 7. Discuss the Mode of Transmission. 8. Describe the Chain of infection. 9. Classify the breaking chain of infection. 10. Discuss the breaking the chain of infection. 	1
<p>Epidemiology of Healthcare-Associated Infections and Infection Control Programme :- Epidemiology of Healthcare-Associated Infections and Infection Control Programme:-</p> <ol style="list-style-type: none"> 2.1Most Common HAI Sites. 2.2Epidemiological Triad of HAI within a healthcare setting 2.3Routes of transmission. 2.4Infection control responsibility of different stakeholders <p>5 Antimicrobial Management Program.</p>	2
<p>Prevention of Healthcare-Associated Infections standard and transmission based precautions :-</p> <ol style="list-style-type: none"> 3.1Measures for Prevention of Infections of most common healthcare-associated infections 3.2Proposed methods of disinfection of commonly used articles/material/surfaces 3.3Reducing person-to-person transmission 3.4Standard Precautions 3.5. Transmission-Based Precautions. 	3
<p>4Influence of Facility design on Healthcare-associated infection.</p> <ol style="list-style-type: none"> 4.2Healthcare-associated infection surveillance. 4.3Investigation of a Healthcare-Associated Infections outbreak. 4.4Sterilization and disinfection. 4.5Biomedical Waste Management. 	4
<ol style="list-style-type: none"> 5.1.Preventing infections amongst Health care workers 5.2.Translating Infection Control Guidelines into Practice 	5

