

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Infectious diseases
Course number	DENT2135
Faculty	
Department	
Course type	College Needs
Course level	2
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - This course is designed to provide a basic overview of the infectious disease process, including disease agents, transmission routes, immunity and public health significance. The course introduces principles of infectious disease epidemiology, including outbreak investigation and surveillance, using case studies as examples. Concepts on globalizations of disease, microbial ecology, and disease eradication also are discussed

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * The student will be able to describe the roles of both bacteria, viruses, fungi and parasites, and man in the pathogenesis and symptomatology of infectious diseases * The student will be able to identify the diagnostic principles of infectious diseases and apply these to simple infection problems * The student will be able to identify the principles of treatment of infectious diseases and apply these to simple infection problems * The student will be able to explain epidemiological terms and apply these to simple epidemiological problems * The student will be able to give examples of infection prevention and control measures
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Course Contents

- 1 - Definition, symptoms, causes, methods of transmission, risk factors, complications
- 2 - Differential diagnosis of fever & rash lesion pathogen or disease
- 3 - Gingivostomatitis; etiology, clinical manifestations, differential diagnosis, laboratory and imaging studies, treatment, prognosis, complications, prevention
- 4 - Measles (rubeola); Epidemiology, etiology, clinical manifestations, differential diagnosis, laboratory and imaging studies, treatment, prognosis, complications, prevention
- 5 - German measles (Rubella); Epidemiology, etiology, clinical manifestations, differential diagnosis, laboratory and imaging studies, treatment, prognosis, complications, prevention
- 6 - Chickenpox; Epidemiology, etiology, clinical manifestations, differential diagnosis, laboratory and imaging studies, treatment, prognosis, complications, prevention
- 7 - The common cold, Pneumonia
- 8 - Pharyngitis and Tonsillitis, FFI
- 9 - Otitis media; Epidemiology, etiology, clinical manifestations, differential diagnosis, laboratory and imaging studies, treatment, prognosis, complications, prevention
- 10 - Otitis media; Epidemiology, etiology, clinical manifestations, differential diagnosis, laboratory and imaging studies, treatment, prognosis, complications, prevention
- 11 - Immunization in infancy and childhood
- 12 - Croup (laryngotracheobronchitis); etiology, clinical manifestations, differential diagnosis, laboratory and imaging studies, treatment, prognosis, complications, prevention
- 13 - Viral hepatitis, Hepatitis A virus (HAV), Hepatitis B virus (HBV)
- 14 - Hepatitis C virus (HCV), Hepatitis D virus (HDV), Hepatitis E virus (HEV), Hepatitis G virus (HGV)
- 15 - Acute meningitis; etiology, clinical manifestations, differential diagnosis, laboratory and imaging studies, treatment, prognosis, complications, prevention

Teaching and Learning Methods

- 1 - Formal lectures 2 hours per week
- 2 - Slides demonstration
- 3 - LCD
- 4 - Hands Out
- 5 - Charts

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First term exam		20%
Second term exam		20%
Activities		10%
Final Exam		50%

Books and References

Essential books	Nelson Essential of pediatrics, Karen J. Marcante, Robert M. Kliegman, Hal B. Jenso, SAUNDERS, 2001 Harrisons Principles of Internal Medicine, Anthony S. Fauci, Eugene Braunwald, Dennis L. Kasper, 2008
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