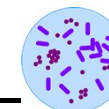


Topic: PROFESSIONAL ENGLISH FOR CLINICAL MICROBIOLOGY		Unit 3: INFECTIOUS DISEASES	LESSONS: 1 - 2
TEACHING AIMS		TIMING: 7:00 h	
<ol style="list-style-type: none"> 1. To introduce epidemiological concepts 2. To develop general epidemiological issues in the transmission and prevention of infectious diseases 3. To develop students' thinking skills about spread of communicable diseases 4. To develop students' concern for the spread of infectious diseases in laboratory 			
CONTRIBUTION TO COMPETENCES			
<ul style="list-style-type: none"> ● Professional skills (students will be able to ...): <ul style="list-style-type: none"> ○ Interpret scientific and technical information ○ Adapt procedures to execute the activities according to established quality standards and optimizing the resources allocated ○ Prepare and use diagnostic equipment and materials, according to the procedures ○ Relate the epidemiological chain of the major pathogens for humans with the mechanisms of transmission of infection and the intervention measures to prevent the spread of communicable diseases ● Functional skills (students will be able to ...): <ul style="list-style-type: none"> ○ Access and communicate information using ICT tools to learn ○ Use mathematics to solve problems and questions in laboratory ○ Use technical information effectively in English ● Key skills or effectiveness for working life (students will be able to ...): <ul style="list-style-type: none"> ○ They can work well in teams ○ Undertake work in a responsible manner ○ Organise their own work and take their own initiative ○ Do autonomous work 			
LEARNING OUTCOMES		CONTENT	
At the end of the lesson the students will: KNOW: <ul style="list-style-type: none"> ○ Basic epidemiological concepts ○ Links in the chain of transmission of infectious diseases ○ The most usual intervention measures to stop the spread of infectious diseases BE ABLE TO: <ul style="list-style-type: none"> ○ Differentiate the means of transmission ○ Relate a disease with its chain of transmission ○ Relate the chain of transmission of a disease with its intervention measures ○ Use basic epidemiological vocabulary BE AWARE OF: <ul style="list-style-type: none"> ○ Their responsibility for the health of their own and the others in the handling and disposal of samples and laboratory products ○ The importance of compliance with safe working practices and waste disposal 		<ol style="list-style-type: none"> 1. Disease reporting system 2. Emerging diseases 3. Links of the chain of transmission of communicable diseases 4. Groups at risk 5. Means of transmission 6. Intervention measures on the source of infection 7. Intervention measures on the means of transmission 8. Intervention measures on the host 	



		COGNITION	
CULTURE		1. Analysing data	6. Identifying issues
<ul style="list-style-type: none"> ○ Historical perspective of epidemiology ○ Awareness of local and international concern in health affairs 		2. Hypothesising causes	7. Inferring facts
		3. Interpreting graphs	8. Analysing concepts
		4. Predicting consequences	9. Thinking critically
		5. Reasoning facts	
COMMUNICATION			
LANGUAGE OF LEARNING		LANGUAGE FOR LEARNING	
<ul style="list-style-type: none"> ○ Emerging diseases ○ Disease reporting system, prevalence, incidence ○ Intervention over the source of infection: treatment, chemotherapy ○ Intervention over the means of transmission: environmental measures, socioeconomic measures ○ Intervention over the host: vaccination ○ Eradication, elimination ○ Past tense, present perfect tense, present continuous, passive tense ○ Modal verbs of deduction: can't, may, could, might, must ○ Modal verbs of probability: will, will certainly, will probably, might, could, may, will probably not, will certainly not ○ Discussion frame: it may be transmitted by..., this factor may favour ... by..., we may improve ... by ..., spreading decrease because... ○ Discussion frame: what reason..., differentiate between..., what are the requirements..., considerations about..., disadvantages of... 		<ul style="list-style-type: none"> ○ Describing facts ○ Describing change in time ○ Inferring consequences ○ Explaining relationship between cause and effect ○ Expressing probability ○ Expressing deductive conclusions 	
ASSESSMENT CRITERIA			
FORMATIVE ASSESSMENT		SUMMATIVE ASSESSMENT	
<p>Can the student?</p> <ol style="list-style-type: none"> 1. Describe the links of the chain of transmission of an infectious disease? 2. Apply the epidemiological concepts to a specific disease? 3. Think critically about diseases and its prevention? 4. Differentiate situations that can favour or prevent transmission? 		<ol style="list-style-type: none"> 1. Does the student include 20 slides? 2. Does the student develop all the suggested issues? 3. Can the student develop some new issue not listed? 4. Can the student link the contents presented? 5. Can the student explain concepts properly? 6. Can the student use technical words correctly? 7. Does the student show self-confidence? 8. Can the student talk fluently? 9. Can the student answer 3 questions about each presentation? 	