

Liverpool John Moores University

Title: SEXUALLY TRANSMITTED INFECTIONS
Status: Definitive
Code: 7007NMBMOL (101582)
Version Start Date: 01-08-2011

Owning School/Faculty: Pharmacy & Biomolecular Sciences
Teaching School/Faculty: Pharmacy & Biomolecular Sciences

Team	Leader
Helen Smalley	Y

Academic Level: FHEQ7
Credit Value: 12.00
Total Delivered Hours: 7.00
Total Learning Hours: 120
Private Study: 113

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Tutorial	4.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Theory paper (3 hours) comprising 8 short answer-type and any TWO from FOUR essays. A minimum mark of 40% is required to pass the examination.	30.0	3.00
Essay	AS2	One assignment (full guidance notes provided). A minimum mark of 40% is required to pass the assignment.	70.0	

Aims

To provide students with an understanding of the role of Chlamydia in ocular and genital disease and the ways in which infections may be diagnosed, prevented and treated.

Learning Outcomes

After completing the module the student should be able to:

- 1 demonstrate knowledge and understanding of the importance of infection and disease as applied to microorganisms responsible for urogenital tract problems.
- 2 evaluate the important microorganisms responsible for urogenital tract infection and disease especially viruses and chlamydia. A knowledge of other important bacteria, fungi and parasites is also required.
- 3 assess the importance of STI's as a worldwide problem and appreciate the breadth and depth of divergent sexual attitudes, customs and practices.
- 4 demonstrate knowledge and understanding of the epidemiology of important causes of STI's together with their medical importance, laboratory diagnosis, prevention and treatment.
- 5 critically discuss the changing patterns of epidemiology, management, prevention and treatment. HPV, HSV, CMV, EBV, HBV, HIV. Chlamydia and a brief review of other important bacterial causes. Other STI's to include candida, trichomonas, ano-rectal problems, skin problems (scabies, pediculosis pubic and molluscum contagiosum). Issues associated with STD's to include global, social, medico-legal matters.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

EXAM	1	2	3	4	5
ESSAY	1	2	3	4	5

Outline Syllabus

Classification, structure and replication of the Chlamydia

Chlamydia as a genital infection

The structure and function of the eye related to the pathology of Chlamydia infection

Relationship of genital and ocular strains of C. trachomatis with disease

Trachoma, conjunctivitis, respiratory infection and transmission of chlamydial infections

Diagnosis and screening for chlamydial infections (culture, serology, MIF etc.)

Prevention, treatment and therapy of disease

Learning Activities

Primary mode by distance learning with tutorial support and assignment feedback

References

Course Material	Book
Author	Thin, RNT
Publishing Year	2000
Title	Genitourinary medicine and sexually transmitted infections in the 21st century
Subtitle	
Edition	
Publisher	int. J. of STD's & AIDS 2000. 11; 1-7
ISBN	

Course Material	Book
Author	Horwitz, MS
Publishing Year	2001
Title	Adenoviruses
Subtitle	In:Fields, BN, Knipe, DM, Howley, PM (eds) Fields Virology
Edition	4th Ed.
Publisher	Philadelphia. Lippincott-Raven.
ISBN	0781718325

Notes

Students must achieve an aggregate mark for the examination and coursework of at least 40% with at least a 40% pass in BOTH coursework and examination components.

Only TWO indicative references are provided here. Selected up to date reviews and other scientific papers are required to complete key distance learning stages and assignments which are regularly updated in the module Guidance Notes. Students are expected to complete their own detailed literature search to support the reference material provided. A critical analysis of the scientific literature is always required.