

## SYLLABUS

OPTO 6233 Ocular Pathology: Case Discussion  
Fall 2009

6:00 – 8:00 Monday  
Room 2307

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### OCULAR PATHOLOGY CASE DISCUSSION ELECTIVE CREDIT 2 HOURS (2-0)

Intended for upper level optometry students to enhance their ability to diagnose and manage ocular pathologic conditions. The course format utilizes patient case presentation and elaboration with emphasis on decision making process. Discussions are undertaken by a team of faculty mentor, student discussion leaders and participant students. The class format emphasizes process and problem solving skills as well as disease related content or “factual” information.

### GOAL

The student will be better prepared to responsibly and successfully manage patients presenting with ocular pathology likely to be encountered in the optometric practice.

## BEHAVIORAL OBJECTIVES

Specifically, the student is more knowledgeable regarding:

1. Ocular disease entities
2. Methodology and decision making process involved in the protocols of diagnosis and management of ocular disease
3. Problem based approach
4. Generating a problem list
5. Generating a reasonable differential diagnosis list based on the problems identified
6. Ruling in/ruling out the differentials based on the essential findings associated with each differential vs. the findings of the case
7. Developing an assessment with supporting rationale
8. Developing a Plan based on standard of care practices
9. Elements in the decision making process such as necessary databases employed (e.g. dimensions of symptoms, review of systems, spectrum and efficacy and toxicity of antiinfective medications)
10. Efficient and effective use of reference material in the applied patient care setting
11. Integration skills are emphasized, i.e. the application of academic knowledge to clinical problem solving
12. The use of evidence based information in patient care is stressed

## REQUIREMENTS AND GRADE

There are no examinations associated with this elective course. The grade for the course is pass/ fail. It is based on class participation, participating as a discussion leader, quality of discussion and attendance. Worksheets will be completed during each class period and turned in. Several short research projects will be assigned.

ATTENDANCE is required for all class meetings. If a student is absent from a meeting because of illness or some other understandable reason beyond their control, with the permission of the Course master they can satisfy the requirements for attendance on that day by submitting an acceptable written presentation of the ocular problem considered during that class period. If the number of other absences exceeds one in number, the attendance requirement for the course is not satisfied.

## TEXTBOOKS AND OTHER RESOURCES

### REQUIRED

You are required to buy a minimum of one of the following reference books and bring to class each week. I strongly encourage you to purchase several ocular disease reference books to actively use in this course. Here are suggested texts:

\*\*\* STRONGLY recommend the Wills Eye Manual

Fraunfelder (1996) Drug-Induced Side Effects Fourth Edition, Williams & Wilkins

Fraunfelder and Roy (2000) Current Ocular Therapy Fifth Edition, Saunders (note this generally comes out in a new edition every five years so check for more recent edition)

Kaiser, Friedman (2004) The Massachusetts Eye and Ear Infirmary Illustrated Manual of Ophthalmology Edition 2, Saunders

Kanski , Jack J. Ophthalmology: Clinical Signs and Differential Diagnosis

Kanski (2006) Clinical Diagnosis in Ophthalmology. Mosby.

Kanski, Jack J., Clinical Diagnosis in Ophthalmology. Mosby; Bk&CD-Rom edition (June 14, 2006) ISBN: 0323037615

**\* Kunimoto, Derek Y., Makar, M (2004) The Wills Eye Manual: Office and Emergency Room Diagnosis and Treatment of Eye Disease. Lippincott Williams & Wilkins; 4th edition ISBN: 0781742072**

Onofrey, Bruce E, Leonid Skorin, and Nicky R Holdeman, Ocular Therapeutics Handbook: A Clinical Manual Lippincott Williams & Wilkins; 2nd edition ISBN: 0781748925

Roy(2002) Ocular Differential Diagnosis Seventh Ed., Lippincott Williams & Wilkins

Spalton, David J., Hitchings, Roger A and Hunter, Paul , Atlas Of Clinical Ophthalmology, Third Edition (December 9, 2004) ISBN: 0323036562

Tasman, William (2001) Hardcover : The Wills Eye Hospital Atlas of Clinical Ophthalmology. Lippincott Williams & Wilkins.

Tierney, Lawrence M, McPhee, Stephen J. and Papadakis, Maxine A. Current Medical Diagnosis & Treatment, 2006

Calendar OPTO 6233 Fall 2007

August 20	Orientation
August 27	discussion topic # 1
September 3	HOLIDAY No Class
September 10	discussion topic # 2
September 17	discussion topic # 3
September 24	discussion topic # 4
October 1	discussion topic # 5
October 8	discussion topic # 6
October 15	discussion topic # 7
October 22	discussion topic # 8
October 29	discussion topic # 9
November 5	discussion topic # 10
November 12	discussion topic # 11
November 19	discussion topic # 12
November 26	discussion topic # 13