



Course Summary

Complications from Diabetes

COPE # 36601-PD

Raymond Maeda, OD, FAAO
Associate Professor

Course Description

The course will review recent changes related diagnosis and testing for diabetes. The course will also review classification, complications, and current treatment of diabetic retinopathy.

Course Learning Objectives

At the end of this course, participants should be able to:

1. Summarize the relevant recent changes to the Standards of Medical Care in Diabetes
2. Summarize systemic and ocular complications related to diabetes
3. Describe the classification of diabetic retinopathy
4. Summarize the current treatment and management of diabetic retinopathy

Course Outline

- I. Overview of Diabetes
 - a. Definition
 - b. Statistics
 - c. Types of DM
 - d. Testing
- II. Complications related to Diabetes
 - a. Systemic
 - b. Ocular
 - i. Refractive error / symptoms
 - ii. Glaucoma (Neovascular)

- iii. Anterior segment
- iv. EOM's
- v. Cataracts

III. Classification of Diabetic Retinopathy

- a. Non-proliferative
 - i. Mild
 - ii. Moderate
 - iii. Severe
- b. Proliferative
- c. Macular edema
- d. Clinically Significant Macular Edema

IV. Treatment and Management

- a. Systemic control
- b. Laser photocoagulation
- c. Surgery (vitrectomy)
- d. Medications (anti-VEGF, corticosteroids. . .)