Case 1
A 60-year-old obese woman complains of general malaise and has no ocular complaints. The fundus photograph illustrates the ophthalmoscopic findings in both eyes.

Case 2
A 31-year-old woman has had a red, uncomfortable eye with moderate mucouserous discharge for 5 days. The problem began in the right eye, and after 5 days, spread to the left eye. She experienced an initially intense foreign body sensation, and has recently developed mild photophobia and blurred vision. Her right eye is shown in the photograph.
Case 3
A 42-year-old African-American woman complains of painless loss of vision in one eye which has progressed during the past several months. The optic nerve in the affected eye is illustrated in the photograph. The opposite eye is normal.

Case 4
This 55-year-old man comes to your office with complaints of feeling "nervous" for several months. He requests an evaluation and checkup. The two photographs illustrate the physical findings.
Case 5
A 55-year-old man has complained of morning occipital headaches for several months. His headaches have recently become more frequent and severe. The appearance of the fundus was similar in both eyes.

Case 6
A 75-year-old man suffered bilateral but asymmetric decrease in vision. Initially, the patient had problems with distance vision; he is now experiencing difficulty with both distance and near vision.
Case 7

This 55-year-old white man comes to your office with complaints of painless but progressive inferior visual field loss in one eye. The accompanying photograph was taken from the affected eye.

Case 8

A 32-year-old man had been in good health until today, when he suddenly developed diplopia in all fields of gaze and drooping of his left upper eyelid. The accompanying video was taken while the patient was asked to look in different fields of gaze.

View video online at course web site.
**Case 9**

A 25-year-old man is brought into the emergency center. He is unresponsive to verbal stimuli, but his vital signs are stable. The photograph illustrates fundus appearance, which is similar in both eyes.

**Case 10**

A 35-year-old African-American woman is admitted to the hospital for evaluation of fever of unknown origin. She recalls experiencing several episodes of bilateral photophobia, decreased vision, and mild discomfort. Signs of disease are similar in both eyes but are asymmetric.
Case 11
A 70-year-old woman suffered sudden but painless loss of vision in one eye. She also has experienced headaches and shoulder pain during the past several months. The affected eye is shown in the photograph. Her other eye remains normal.

Case 12
A 55-year-old man comes in for a routine physical examination. Your ophthalmoscopic examination reveals the findings illustrated in the photograph in both optic discs.
Case 13
A 33-year-old man has had recurrent episodes of irritation in his left eye for the past 4 years. His right eye remains free of irritation. These episodes have usually lasted for 5 to 6 days, and have been treated with eye drops. During the most recent episode, the patient experienced foreign body sensation, photophobia, and tearing. The lesion shown in the photograph is on the corneal surface, after the application of fluorescein drops.

Case 14
A 20-year-old obese woman has experienced severe headaches for several weeks, but has no ocular symptoms. The photograph depicts the fundus appearance in both eyes.
Case 15
A 12-year-old girl enters the hospital for evaluation of fever and generalized weakness. She states that her vision suddenly became blurred this week. Both eyes have similar findings.

Case 16
A 25-year-old medical student was struck in the eye with a ball while playing racquetball. He was not wearing protective eye gear at the time. The injured eye is shown.
Case 17

A 87-year-old man has noticed a gradual, painless decrease in vision in both eyes over the past year; otherwise, he is in good health. He remains ambulatory, but is having increasing difficulty with reading. The fundus photograph demonstrates the condition of both eyes.

Case 18

An 82-year-old resident of a retirement home has chronically red eyes. She complains of burning and stinging in both eyes. The external view shown depicts the condition of both eyes.
Case 19

A 70-year-old man suffered a sudden and total loss of vision in one eye. He experienced no pain or other symptoms. The fundus of the involved eye is depicted in the photograph. The opposite eye remains normal.

Case 20

This 62-year-old farmer complains of a nonhealing "sore" below his lower right lid, as depicted in the photograph.
Case 21
A 65-year-old woman recently suffered a sudden, marked, and painless loss of vision in one eye. She has only "hand motion" visual acuity. The opposite eye appears normal, and she complains of no systemic symptoms. The fundus of the involved eye is illustrated.

Case 22
This child is brought to you by her distraught mother who was told 6 months ago that her daughter would "grow out" of the eye problem depicted.
Case 23

A 65-year-old man has had several episodes of momentary blindness in one eye over the past year. These episodes usually have lasted from seconds to minutes. The photograph shows fundus detail of the involved eye.

Case 24

A 32-year-old construction worker was injured when a lye compound splashed into his eye. He arrives at the emergency center 15 minutes after the injury. The photograph illustrates the injured eye.
Case 25

A 36-year-old man complains of sudden, painless decreased vision in his right eye over 1 week. His medical history is significant for recurrent fevers and lymphadenopathy. The photograph illustrates the right eye.

Case 26

A 21-year-old student has experienced pain, itching, and a warm red nodule on her upper right lid for the past 4 days. The nodule is shown in the photograph.
Case 27
The appearance of the pupil in the affected eye of this 2-year-old child was observed during examination.

Case 28
A 21 year old woman noticed flashing lights in the temporal field of her right eye 2 weeks ago. She then became aware of some "greying" in the center of the vision of her right eye.
Case 29
A 68 year old man noticed persistent flashes of light in his left eye two days prior to presentation. One day ago, he noticed a shower of "millions of floaters" in the left eye. He then became aware of a grey cloud that progressed from the inferior field of his vision towards his central vision.

Case 30
A 27-year-old man presented complaining of blurred vision in both eyes for 6 months and headaches for 1 year. He had been treated for acne since he was 14 years old. The top picture is a color fundus photo; the center picture is a red-free photo (like using the green filter on the direct ophthalmoscope).