



Edward S. Eye Institute of The New York Presbyterian Hospital

Protocols for AMD genetic study

Photographic protocol:

1. In taking stereo photographs, careful attention should be paid to several principles.
 - a. Color 30° or 35° stereoscopic pairs are needed
 - b. Media sufficient to obtain good pictures
 - c. The pupil should be well dilated, preferably to 6 mm or more
 - d. The cornea should be undisturbed by prior examination with diagnostic contact lens
 - e. Proper camera-to-eye distance should be maintained to avoid haziness and artifacts
2. Stereo pairs of modified Field (please see attached standard fields):
 - (1) Field 1x2: centered on the temporal edge of the disk
 - (2) Field 2x2: centered on the fovea
 - (3) Field 3x2: centered on temporal to the fovea but including the fovea in the nasal edge
3. Ektachrome ASA 64 or 100 film or equivalent should be used.

Protocol for blood specimen handling:

1. Blood tube: 3-5 ml tubes with K₃EDTA (lavender caps, cat # 367653 or 366452 from BD company)
2. Storage:

Room temperature	1-2 days, if transported immediately
Refrigerated	1-2 weeks
Frozen(-20°c)	1-2 years

If frozen once, blood samples have to be transported frozen, i.e., in dry ice. Otherwise, transport can be at room temperature or in wet ice.