

**Study of Diabetic Retinopathy in the
Family Investigation of Nephropathy and Diabetes (FIND)
Examination Form Completed From Chart**

SYNOPSIS

The Family Investigation of Nephropathy and Diabetes (FIND), supported by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK, is designed to identify genes responsible for diabetic nephropathy and their linkage relationships, if any, to nephropathy. The goal of the FIND Eye Study, supported by the National Eye Institute (NEI), is to evaluate FIND participants to determine whether there is a genetic link between diabetic nephropathy and diabetic retinopathy. Are there genetic factors that predispose to both diabetic nephropathy and retinopathy or uniquely to either? A secondary goal is to perform a genetic linkage study of more severe diabetic retinopathy.

There are seven (7) Participating Investigator Centers (PICs) and a Genetic Analysis and Data Coordinating Center (GADCC). The FIND will recruit probands with diabetic nephropathy and their family members from these centers. The majority of the probands will be affected with diabetic retinopathy of various degrees of severity. There will be a total of 1,294 probands in the entire study of diabetic retinopathy. We expect to find 1.5 siblings/relatives who are also diabetic per proband. The total number of participants requiring eye exams and fundus photographs will be 3,235. These participants will be recruited over a period of 3.5 years. This will be a cross-sectional study. No follow-up information is planned in this study.

Probands and those family members who are diabetic will undergo the full Eye protocol, which includes eye examinations and fundus photography.

All efforts should be made to enter participants into the full Eye protocol. However, for those participants who have expired, or for those who are unwilling or unable to schedule a FIND eye exam but are willing to permit information to be obtained from their personal eye care provider (ophthalmologist or optometrist), the following should be done: The eye care provider will be contacted to review the patient's record and to fill out the FIND Eye Exam Form based on the most recent visit, also using additional information from previous visits as needed. History of past retinal photocoagulation is of particular interest. These data will be used to create retinopathy severity scores.