

Resource Summary Report

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Family Investigation of Nephropathy of Diabetes

RRID:SCR_001525

Type: Tool

Proper Citation

Family Investigation of Nephropathy of Diabetes (RRID:SCR_001525)

Resource Information

URL:

[https://clinicaltrials.gov/study/NCT00342927?term=AREA%5BBasicSearch%5D\(NIDDK%20endocrinology&rank=1\)](https://clinicaltrials.gov/study/NCT00342927?term=AREA%5BBasicSearch%5D(NIDDK%20endocrinology&rank=1))

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Description: Multicenter observational study designed to identify genetic determinants of diabetic nephropathy. It is conducted in eleven U.S. clinical centers and a coordinating center, and with four ethnic groups (European Americans, African Americans, Mexican Americans, and American Indians). Two strategies are used to localize susceptibility genes: a family-based linkage study and a case-control study using mapping by admixture linkage disequilibrium (MALD). In the family-based study, probands with diabetic nephropathy are recruited with their parents and selected siblings. Linkage analyses will be conducted to identify chromosomal regions containing genes that influence the development of diabetic nephropathy or related quantitative traits such as serum creatinine concentration, urinary albumin excretion, and plasma glucose concentrations. Regions showing evidence of linkage will be examined further with both genetic linkage and association studies to identify genes that influence diabetic nephropathy or related traits. Two types of MALD studies are being done. One is a case-control study of unrelated individuals of Mexican American heritage in which both cases and controls have diabetes, but only the case has nephropathy. The other is a case-control study of African American patients with nephropathy (cases) and their spouses (controls) unaffected by diabetes and nephropathy; offspring are genotyped when available to provide haplotype data. The specific goals of this program: * Delineate genomic regions associated with the development and progression of renal disease(s) * Evaluate whether there is a genetic link between diabetic nephropathy and diabetic retinopathy * Improve outcomes * Provide protection for people at risk and slow the progression of renal disease * Help establish a resource for genetic studies of kidney disease and diabetic complications by creating a repository of genetic samples and a database * Encourage studies of the genetics of progressive renal disease

Abbreviations: FIND, F.I.N.D.

Synonyms: Family Investigation of Nephropathy and Diabetes (F.I.N.D.), Family Investigation of Nephropathy & Diabetes

Resource Type: clinical trial, resource

Defining Citation: [PMID:15642484](#)

Keywords: genetic susceptibility, genetic pathway, renal, kidney, outcome, gene, genetics, european-american, african-american, mexican-american, american-indian, linkage association study, admixture linkage disequilibrium, mapping by admixture linkage disequilibrium, serum creatinine, urinary protein excretion, plasma glucose level, blood pressure, blood lipid level, trait, linkage, adult human, male, female, clinical

Funding: NIDDK 5R01DK053591

Availability: Free, Freely available

Resource Name: Family Investigation of Nephropathy of Diabetes

Resource ID: SCR_001525

Alternate IDs: nlx_152825

Alternate URLs: <https://www.niddkrepository.org/studies/find/>

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260905T133321+0000

Ratings and Alerts

No rating or validation information has been found for Family Investigation of Nephropathy of Diabetes .

No alerts have been found for Family Investigation of Nephropathy of Diabetes .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.