

D2NG - Genetic Polymorphism in Subjects with Type 2 Diabetes and Diabetic Nephropathy: Study ?DIAB'2-NEPHRO-GENE? (DIABète de type 2, NEPHROpathie et GENEtique)

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General	
Identification	
Detailed name	Genetic Polymorphism in Subjects with Type 2 Diabetes and Diabetic Nephropathy: Study ?DIAB'2-NEPHRO-GENE? (DIABète de type 2, NEPHROpathie et GENEtique)
Sign or acronym	D2NG
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	Méthodologie de référence MR-001
General Aspects	
Medical area	Endocrinology and metabolism Urology, andrology and nephrology
Health determinants	Genetic Medicine Nutrition
Scientific investigator(s) (Contact)	
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Unit	CIC 1402
Organization	CHU Poitiers

Collaborations

Funding

Funding status Mixed

Details PHRC interrégionalAFD Recherche 2003ALFEDIAM 2009Association GEMMS Poitiers 2001-2012

Governance of the database

Sponsor(s) or organisation(s) responsible CHU Poitiers

Organisation status Public

Additional contact

Name of the contact Michele

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Unit Biobank

Organization CHU Poitiers

Main features

Type of database

Type of database Study databases

Study databases (details) Case control study

Database recruitment is carried out by an intermediary A selection of health institutions and services

Database recruitment is carried out as part of an interventional study No

Additional information regarding sample selection. Selection from active patient consultation files in different recruitment centres.

Database objective

Main objective

MAIN: to study the genetic determinants associated with renal complications from Type 2 diabetes using a triple-integrated approach: *Association Study *Cross-population Study *Liaison Study
SECONDARY: 1 - to investigate diabetic nephropathy specific phenotypes (anatomopathological criteria) 2 - to complete case-control analysis with a longitudinal follow-up study (SURDIAGENE project)

Inclusion criteria

Individuals included in the study are adult subjects who have given their signed informed consent and covered by a social security scheme or registered with a likewise scheme. We wish to include different subjects with type 2 diabetes in the DIAB2-NEPHRO-GENE study that can be divided into three groups: 1 - Case-control subjects (with no diabetic nephropathy) - subjects with diabetic retinopathy, regardless of stage - known type 2 diabetes for more than 5 years - normal urinary albumin excretion (UAE) (defined as urinary albumin concentration strictly below 20 mg/l or 30 mg/24h), twice occurring out of 3 consecutive samples over the last 5 years. - Normal UAE in the absence of conversion enzyme inhibitor or angiotensin II antagonist receptors - creatinine strictly less than 150 µmol/l. 2 - Case subjects (with diabetic nephropathy): - subjects with diabetic glomerulopathy confirmed by renal biopsy, even with absence of retinopathy - or subjects with the following characteristics: - diabetic retinopathy regardless of stage. - known type 2 diabetes for more than 5 years - abnormal urinary albumin excretion (UAE) (defined as urinary albumin concentration higher or equal to 20 mg/l or 30 mg/24h), twice occurring out of 3 consecutive samples over the last 5 years - with or without change to renal function (defined by creatinine higher than 150 µmol/l, or need for extra-renal purification or renal transplantation). - absence of kidney disease other than diabetic nephropathy 3 - known type 2 diabetes for at least 5 years (recent diabetes) regardless of urinary albumin excretion or creatinine

Population type

Age

Adulthood (19 to 24 years)
Adulthood (25 to 44 years)
Adulthood (45 to 64 years)

Population covered

Sick population

Pathology	E11 - Type 2 diabetes mellitus
Gender	Male Woman
Geography area	National
Detail of the geography area	France
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	12/2001
Date of last collection (YYYY or MM/YYYY)	02/2012
Size of the database	
Size of the database (number of individuals)	[1000-10 000[individuals
Details of the number of individuals	- 1100 cas/cases- 660 témoins/controls
Data	
Database activity	Data collection completed
Type of data collected	Clinical data Biological data
Clinical data (detail)	Direct physical measures Medical registration
Biological data (detail)	Renal function and glycaemic control
Presence of a biobank	Yes
Contents of biobank	Serum Plasma DNA Others
Details of biobank content	Biobank hosted by CIC0802 (CHU de Poitiers) Serum, Plasma, urine, buffy coat, DNA
Health parameters studied	Health event/morbidity

Procedures

Data collection method	Observation file, completed by the investigating physician, sent with consent and biological samples by express post.
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Participant monitoring	No
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Followed pathology	
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Links to administrative sources	No
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Promotion and access

Promotion

Access

Terms of data access (charter for data provision, format of data, availability delay)	Send request to the scientist in charge
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Access to aggregated data	Access on specific project only
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Access to individual data	Access on specific project only
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