

# PhotoGRAF - Facteurs de risque du glaucome primitif à angle ouvert chez les sujets atteints d'hypertonie oculaire

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## General

### Identification

Detailed name Facteurs de risque du glaucome primitif à angle ouvert chez les sujets atteints d'hypertonie oculaire

Sign or acronym PhotoGRAF

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL N°906285

### General Aspects

Medical area Ophthalmology

Health determinants Addictions  
Genetic  
Intoxication  
Nutrition  
Occupation  
Pollution

Others (details) Glaucoma

Keywords risk factors glaucoma

### Scientific investigator(s) (Contact)

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## Collaborations

### Funding

Funding status Private

Details Pfizer

### Governance of the database

Sponsor(s) or organisation(s) responsible Pfizer

Organisation status Private

### Additional contact

### 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 and recruitment of subjects having the required inclusion criteria by the participating physicians

#### Database objective

Main objective

Main:

- Evaluate the differences between the cases afflicted with primary open-angle glaucoma (POAG) and the controls afflicted with isolated ocular hypertension (OHT) concerning the potential risk factors, including sociodemographic factors, systemic diseases and treatments in progress, family antecedents of glaucoma, the duration of the disease, the factors linked to the eye, nutritional factors and the exposure to environmental neurotoxic compounds.

Secondary:

- Derive a predictive function by using the significant risk factors, in such a way as to assist

ophthalmologists in classifying patients having a hypertonia with a high risk of developing glaucoma

#### Inclusion criteria

For the cases:

- Male or female aged 40 years or older;
- Patients with a diagnosed POAG, confirmed by a structural and function degradation;
- Patients for whom a IOP > 21 mm Hg was recorded at one time in the evolution of the disease.

For the controls

- Male or female paired with the age of the case ( $\pm$  2 years);
- Patients having an IOP > 21 mm Hg on the day of the examination and/or a hypotonisant treatment;
- Patients with a visual acuity with optimal correction higher than 5/10;
- Patients with no anomaly in the visual field characteristic of glaucoma.

#### Population type

##### Age

Adulthood (25 to 44 years)  
Adulthood (45 to 64 years)  
Elderly (65 to 79 years)  
Great age (80 years and more)

##### Population covered

Sick population

##### Gender

Male  
Woman

##### Geography area

National

##### Detail of the geography area

Metropolitan France

#### Data collection

##### Dates

Date of first collection (YYYY or MM/YYYY)

2006

Date of last collection (YYYY or MM/YYYY)

2008

#### Size of the database

Size of the database (number of individuals)

< 500 individuals

Details of the number of individuals

391

## Data

Database activity Data collection completed

Type of data collected Clinical data  
Declarative data

Clinical data (detail) Direct physical measures  
Medical registration

Declarative data (detail) Face to face interview

Presence of a biobank No

Health parameters studied Health care consumption and services

Care consumption (detail) Medical/paramedical consultation

## Procedures

Data collection method Collection of data using paper CRF supplemented by the participating physicians.

Classifications used BNF

Participant monitoring No

Links to administrative sources No

## Promotion and access

### Promotion

### Access

Terms of data access (charter for data provision, format of data, availability delay) Methods for accessing the database are currently being defined

Access to aggregated data Access on specific project only

Access to individual data Access on specific project only