

Influence of hyperglycaemia on mononuclear cell DNA integrity and gene expression in relation to cardiovascular disease risk

Submission date 30/09/2004	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 30/09/2004	Overall study status Completed	☐ Protocol
Last Edited 26/04/2018	Condition category Nutritional, Metabolic, Endocrine	☐ Statistical analysis plan
		☐ Results
		☐ Individual participant data
		☐ Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

Protocol serial number

N0547130898

Study information

Scientific Title

Influence of hyperglycaemia on mononuclear cell DNA integrity and gene expression in relation to cardiovascular disease risk

Study objectives

The expression of cardiovascular disease (CVD)-risk-associated genes will be increased at baseline in patients with Type 2 diabetes compared with non-diabetic individuals, and the expression of these genes will be up-regulated following an acute glucose load, and will be repressed following antioxidant supplementation in patients with Type 2 diabetes.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Nutritional, Metabolic, Endocrine: Diabetes

Interventions

Not provided at time of registration

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Controls will be recruited from the Institute of Food Research's (IFR's) Human Nutrition Unit volunteer database, the Diabetes Centre database and by media reporting (local newspaper feature).

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/10/2005

Eligibility

Key inclusion criteria

30 patients with type 2 diabetes and 30 controls

Participant type(s)

Mixed

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/10/2003

Date of final enrolment

01/10/2005

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Norfolk and Norwich University Hospital NHS Trust

Norwich

United Kingdom

NR4 7UY

Sponsor information**Organisation**

Department of Health

Funder(s)

Funder type

Government

Funder Name

East Norfolk and Waveney Research Consortium - Norfolk and Norwich University Hospital /Norwich PCT (UK)

Results and Publications

Individual participant data (IPD) sharing plan**IPD sharing plan summary**

Not provided at time of registration