Effects of Rosiglitazone on fluid retention and insulin resistance in response to Head-out immersion in individuals with type 2 diabetes and impaired glucose tolerance.

Submission date	Recruitment status No longer recruiting	Prospectively registered	
30/09/2004		☐ Protocol	
Registration date	Overall study status	Statistical analysis plan	
30/09/2004	Completed	[X] Results	
Last Edited 15/05/2012	Condition category Nutritional, Metabolic, Endocrine	[] Individual participant data	

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Dr Paul O'Hare

Contact details

Diabetes Centre St Cross Hospital Barby Road Rugby United Kingdom CV22 5PX

Additional identifiers

Protocol serial number N0295122840

Study information

Scientific Title

Study objectives

Type 2 diabetes is linked to molecular mechanisms of insulin resistance. Rosiglitazone restores impaired sodium excretion in type 2 diabetes by causing increased insulin sensitivity in the kidneys and within the peripheral vasculature.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Nutritional, Metabolic, Endocrine: Diabetes

Interventions

Prospective Randomised Controlled Trial.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Insulin sensitivity before and after treatment and sodium excretion.

Key secondary outcome(s))

Not provided at time of registration

Completion date

10/12/2004

Eligibility

Key inclusion criteria

Patients with Type 2 Diabetes and impaired glucose tolerance (48).

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Does not meet inclusion criteria

Date of first enrolment

17/07/2002

Date of final enrolment

10/12/2004

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Diabetes Centre

Rugby United Kingdom CV22 5PX

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

University Hospitals Coventry and Warwickshire NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created Date	e added Peer reviewed?	Patient-facing?
Results article	results	01/04/2008	Yes	No
Participant information sheel	Participant information sheet	11/11/2025 11/1	1/2025 No	Yes