

Effect of Flooding on the Glycaemic Control of Patients with Diabetes Mellitus

Submission date
18/03/2010

Recruitment status
No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date
25/03/2010

Overall study status
Completed

☐ Statistical analysis plan

☒ Results

Last Edited
01/08/2011

Condition category
Nutritional, Metabolic, Endocrine

☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
1

Study information

Scientific Title
A Longitudinal Study on the Effect of Flooding on the Glycaemic Control of Patients with Diabetes Mellitus

Study objectives
A natural disaster such floods has a detrimental effect on glycaemic control in patients with diabetes mellitus.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Hull and East Riding Local Research Ethics Committee approved (LRED: 08/H1304/83)

Study design

Longitudinal study

Primary study design

Observational

Study type(s)

Other

Health condition(s) or problem(s) studied

Diabetes Mellitus (type I and II)

Interventions

Data were collected using anonymous numbers assigned to each recipient and then scanned the data using a computer software called FORMIC

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

We intend to determine if glycaemic control (as assessed by HbA1c) was different amongst patients with diabetes who were flooded compared to those who were not. The analysis, to be performed by a statistician will most likely use an unpaired t test analysis following logarithmic transformation of the HbA1c data.

Key secondary outcome(s))

To establish if the frequency of HbA1c monitoring was different amongst those flooded compared to those who were not over the 15 months following the flooding.

Completion date

30/03/2009

Eligibility**Key inclusion criteria**

1. All patients registered as having diabetes mellitus via pathology database
2. Age $\geq$ 18 years

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

Key exclusion criteria

1. Nursing home patients
2. Prisoners
3. Patients dependent on professional care for management of their diabetes.

Date of first enrolment

20/12/2008

Date of final enrolment

30/03/2009

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

220-236 Anlaby Road

Hull

United Kingdom

HU3 2RW

Sponsor information**Organisation**

Hull & East Yorkshire Hospitals NHS Trust (UK)

ROR

<https://ror.org/01b11x021>

Funder(s)

Funder type

Charity

Funder Name

Diabetes UK (UK) (ref: 08/0003768)

Alternative Name(s)

The British Diabetic Association, DIABETES UK LIMITED, British Diabetic Association

Funding Body Type

Private sector organisation

Funding Body Subtype

Trusts, charities, foundations (both public and private)

Location

United Kingdom

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 added	Peer reviewed?	Patient-facing?
Results article	results	01/05/2011		Yes	No