# Blood pressure control in diabetes in primary care

Submission date [ ] Prospectively registered Recruitment status 23/01/2004 No longer recruiting [ ] Protocol [ ] Statistical analysis plan Registration date Overall study status 23/01/2004 Completed [X] Results Individual participant data **Last Edited** Condition category 09/12/2008 Nutritional, Metabolic, Endocrine

#### Plain English summary of protocol

Not provided at time of registration

#### Contact information

#### Type(s)

Scientific

#### Contact name

Dr Nigel Sturrock

#### Contact details

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#### Additional identifiers

Protocol serial number RBG 00XX77

# Study information

Scientific Title

**Study objectives** 

To assess the effectiveness of a simple treatment algorithm in primary care in attaining the recommended blood pressure in patients with type 2 diabetes compared to usual practice. To assess the cost-effectiveness of the algorithm for improving blood pressure control in these patients.

Assuming 40% of diabetics have a blood pressure of <140/80 an intracluster correlation coefficient (ICC) of 0.02 and an average cluster size of 45 type 2 diabetics per practice. Based on 80% power and 5% two-sided significance level 388 participants would be required in each arm of the study.

#### 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 and endocrine diseases: Diabetes

#### **Interventions**

Not provided at time of registration

#### Intervention Type

Other

#### Phase

**Not Specified** 

#### Primary outcome(s)

Proportion of participants who have achieved good blood pressure control defined as reaching the recommended level of <140/80.

#### Key secondary outcome(s))

Change in blood pressure from baseline, attendance at hypertension review appointments and patient satisfaction with the care received. Both measures will be assessed at 12 months post recruitment to the trial.

#### Completion date

28/02/2003

### **Eligibility**

#### Key inclusion criteria

The study population will comprise all patients with type 2 diabetes on the lists of participating general practitioners who give informed consent to participate in the study.

#### Participant type(s)

**Patient** 

#### Healthy volunteers allowed

No

#### Age group

**Not Specified** 

#### Sex

**Not Specified** 

#### Key exclusion criteria

Not provided at time of registration

#### Date of first enrolment

01/03/2001

#### Date of final enrolment

28/02/2003

#### Locations

#### Countries of recruitment

**United Kingdom** 

England

# Study participating centre Consultant Physician

Nottingham United Kingdom NG5 1PB

# Sponsor information

#### Organisation

NHS R&D Regional Programme Register - Department of Health (UK)

# Funder(s)

#### Funder type

Government

#### Funder Name

NHS Executive Trent (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 added	Peer reviewed?	Patient-facing?
Results article	results	01/02/2007		Yes	No