

# Secondary prevention after first stroke

<b>Submission date</b> 16/03/2010	<b>Recruitment status</b> No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
<b>Registration date</b> 17/03/2010	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 09/06/2014	<b>Condition category</b> Circulatory System	<input type="checkbox"/> 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**  
086921

## Study information

**Scientific Title**  
Cluster randomised trial in a Primary Care database: utilising electronic patient records for intervention research into secondary prevention after first stroke

**Study objectives**

We aim to provide proof of concept of the feasibility and utility of implementing cluster randomised trials utilising electronic patient records in a large national primary care database.

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

London - Surrey Borders Research Ethics Committee approved on the 13th January 2010 (ref: 10/H0806/1)

### **Study design**

Interventional multicentre clustered randomised trial

### **Primary study design**

Interventional

### **Study type(s)**

Prevention

### **Health condition(s) or problem(s) studied**

Stroke

### **Interventions**

A series of electronic prompts will be activated at each consultation by patients with previous stroke, to promote adherence with evidence-based recommendations for secondary prevention of stroke and vascular disease following the National Guidelines (Intercollegiate Stroke Working Party [ICSWP], 2008). The prompts encourage primary care professional adherence with recommended processes of care. The prompts will also provide them with supporting information and links to evidence that supports the recommendations. The decision on whether to follow the treatment suggestions included in the prompt will be at the discretion of the GP. The GP will also be able to terminate display of the prompt at any time. Control practices will continue with usual care. The intervention will be implemented for 12 months at each practice.

### **Intervention Type**

Other

### **Phase**

Not Applicable

### **Primary outcome(s)**

Difference in mean systolic blood pressure (BP) between intervention and control groups at 12 months adjusted for pre-intervention mean systolic BP

### **Key secondary outcome(s)**

Measured at 12 months follow-up:

1. Mean diastolic blood pressure
2. Mean cholesterol concentration
3. Proportion of patients whose eligibility for anticoagulants/antiplatelet drugs is defined
4. Proportion of eligible patients that receive anticoagulant/antiplatelet drugs

5. Prescription adherence with prescribed medicines
6. Occurrence and hospitalisation with vascular events including transient ischaemic attack (TIA) /stroke, myocardial infarction, new-onset angina and mortality

**Completion date**

31/10/2011

## Eligibility

**Key inclusion criteria**

1. All stroke patients (no age limit, either sex)
2. Registered at the practice for at least three years at the trial start date
3. First diagnosis of stroke recorded in the 24 month period before the trial start date
4. Medical code for stroke is entered during the consultation
5. Patient's electronic medical record includes previous stroke medical codes

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**Key exclusion criteria**

No eligible patients will be excluded from the analysis, to avoid bias.

**Date of first enrolment**

01/04/2010

**Date of final enrolment**

31/10/2011

## Locations

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

**Division of Primary Care and Public Health**  
London  
United Kingdom  
SE1 3QD

## Sponsor information

### Organisation

The Wellcome Trust (UK)

### ROR

<https://ror.org/029chgv08>

## Funder(s)

### Funder type

Charity

### Funder Name

The Wellcome Trust (UK) (grant ref: 086921)

## 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?
<a href="#">Results article</a>	results	01/07/2014		Yes	No
<a href="#">Protocol article</a>	protocol	03/10/2012		Yes	No