

Implementation of pre-hospital emergency pathway for stroke - a cluster randomised trial

Submission date 03/11/2004	Recruitment status No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
Registration date 08/12/2004	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 01/11/2022	Condition category 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

Study information

Scientific Title
Implementation of pre-hospital emergency pathway for stroke - a cluster randomised trial

Acronym
IMPLICA

Study objectives

Adoption of emergency clinical pathway improves early diagnosis and referral in suspected stroke patients

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomized controlled trial

Primary study design

Interventional

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Suspected stroke in pre-hospital and emergency

Interventions

The professionals working in the Emergency Medical Services will be randomised to receive training on the evidence-based critical pathway for stroke or to current practice

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Added as of 14/03/2008:

Proportion of patients with a positive CT for ischaemic stroke and symptoms onset \leq 6 hour admitted to the stroke unit

Key secondary outcome(s)

Added as of 14/03/2008:

1. Proportion of patients with a positive CT for hemorrhagic stroke and symptoms onset \leq 6 hour admitted to a neurosurgical ward
2. Proportion of patients with a positive CT for hemorrhagic or ischaemic stroke or symptoms onset $>$ 6 hour admitted to the nearest hospital
3. Proportion of ICD9CM code for stroke in emergency setting confirmed in the hospital discharge data
4. Proportion of patients with stroke confirmed by CT results
5. Proportion of patients with ischaemic stroke receiving treatment within 6 hour of symptoms onset

Completion date

31/08/2005

Eligibility

Key inclusion criteria

Participants included are all the professionals working in the Emergency Medical Services dealing with patients with suspected stroke

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

All

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/02/2005

Date of final enrolment

31/08/2005

Locations

Countries of recruitment

Italy

Study participating centre

Agency for Public health, Lazio Region

Rome

Italy

00198

Sponsor information

Organisation

Agency for Public Health, Lazio Region (Agenzia di Sanità Pubblica della Regione Lazio)(Italy)

Funder(s)

Funder type

Not defined

Funder Name

Agency for Public Health, Lazio Region

Results and Publications

Individual participant data (IPD) sharing plan

Not provided at time of registration

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		21/01/2009	01/11/2022	Yes	No
Protocol article	Study protocol	11/10/2005		Yes	No