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Sevoflurane inhalational introduction in the elderly: a comparison with intravenous induction

Submission date 12/09/2003	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 12/09/2003	**Overall study status** Completed	
Last Edited 11/10/2016	**Condition category** Surgery	

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
N0192080350

Study information

Scientific Title
Sevoflurane inhalational introduction in the elderly: a comparison with intravenous induction

Study objectives
The aim of the study is to compare the effects of an inhalational induction of anaesthesia with sevoflurane with an intravenous induction in elderly patients. In particular, we will assess the

effects on cardiovascular parameters (heart rate, blood pressure), and cerebral blood flow velocity. We hypothesise that compared with an intravenous induction an inhalational induction will be more stable.

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)
Treatment

Health condition(s) or problem(s) studied
Anaesthesia

Interventions
Randomised controlled trial:
1. Inhalational induction of anaesthesia with sevoflurane
2. Intravenous induction of anaesthesia with sevoflurane

Intervention Type
Drug

Phase
Not Applicable

Drug/device/biological/vaccine name(s)
Sevoflurane

Primary outcome(s)
Change in blood pressure and cerebral flow velocity during induction of anaesthesia compared to baseline values.

Key secondary outcome(s))
Not provided at time of registration

Completion date
14/11/2002

Eligibility

Key inclusion criteria
Total number of subjects = 40

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Senior

Sex
All

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
20/08/2001

Date of final enrolment
14/11/2002

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
University Hospital
Nottingham
United Kingdom
NG7 2UH

Sponsor information

Organisation
Department of Health (UK)

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Queens Medical Centre, Nottingham University Hospital NHS Trust (UK) - NHS R&D Support Funding

Funder Name
Abbott Laboratories (UK)

Alternative Name(s)
Abbott, Abbott U.S., Abbott Alkaloidal Company

Funding Body Type
Government organisation

Funding Body Subtype
For-profit companies (industry)

Location
United States of America

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?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes