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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

Contact name
Dr MH Nathanson

Contact details
Department of Anaethesia
C Floor, University Hospital
Nottingham
United Kingdom
NG7 2UH

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
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

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Treatment

Participant information sheet
Not available in web format, please use contact details to request a participant information sheet

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 measure
Change in blood pressure and cerebral flow velocity during induction of anaesthesia compared to baseline values.

Secondary outcome measures
Not provided at time of registration

Overall study start date
20/08/2001

Completion date
14/11/2002

Eligibility

Key inclusion criteria
Total number of subjects = 40

Participant type(s)
Patient

Age group
Senior

Sex
Both

Target number of participants
40

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
England

United Kingdom

Study participating centre

University Hospital
Nottingham
United Kingdom
NG7 2UH

Sponsor information

Organisation
Department of Health (UK)

Sponsor details
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL

Sponsor type
Government

Website
http://www.doh.gov.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

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration