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The relationship between anaesthetic induction agent type or dose and clinical outcome in patients with depression undergoing electroconvulsive therapy (ECT)

Submission date
30/09/2004

Recruitment status
No longer recruiting

Registration date
30/09/2004

Overall study status
Completed

Last Edited
05/12/2014

Condition category
Mental and Behavioural Disorders

[ ] Prospectively registered
[ ] Protocol
[ ] Statistical analysis plan
[ ] Results
[ ] Individual participant data
[ ] Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr Godfrey Bwalya

Contact details
Miranda House
Gladstone Street
Hull
United Kingdom
HU3 2RT

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
N0084132839

Study information

Scientific Title
The relationship between anaesthetic induction agent type or dose and clinical outcome in patients with depression undergoing electroconvulsive therapy (ECT)

Study objectives
Is there a relationship between the effect of a dose or type of anaesthetic induction agent on seizure duration and clinical outcome in patients undergoing electrical convulsive therapy for depression?

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

Health condition(s) or problem(s) studied
Mental and Behavioural Disorders: Depression

Interventions
Randomised 40 subjects to each of the four anaesthetic induction agent groups.
Pre-ECT Hamilton Depression Rating Scale (HAM-D) score. Six sessions of ECT, observed motor seizure during, electroencephalogram (EEG) seizure duration in seconds. Post ECT HAM-D score done 1-2 days following ECT treatment.

Intervention Type
Procedure/Surgery

Primary outcome measure
Hamilton Depression Scale scores and data collection forms.

Secondary outcome measures

Not provided at time of registration

Overall study start date
01/03/2003

Completion date
01/12/2005

Eligibility

Key inclusion criteria
Not provided at time of registration

Participant type(s)
Patient

Age group
Not Specified

Sex
Not Specified

Target number of participants
160 subjects

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
01/03/2003

Date of final enrolment
01/12/2005

Locations

Countries of recruitment
England

United Kingdom

Study participating centre
Miranda House
Hull
United Kingdom
HU3 2RT

Sponsor information

Organisation
Department of Health

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

Sponsor type
Government

Website
http://www.dh.gov.uk/Home/fs/en

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
The North and South Bank Research and Development Consortium (UK)

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