ISRCTN71688724 https://doi.org/10.1186/ISRCTN71688724

Rocuronium requirements on the Paediatric Intensive Care Unit: the value of monitoring neuromuscular function

Submission date	Recruitment status	[ ] Prospectively registered
30/09/2004	No longer recruiting	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
30/09/2004	Completed	[ ] Results
Last Edited	**Condition category**	[ ] Individual participant data
13/09/2013	Nervous System Diseases	[ ] Record updated in last year

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
N0045125254

Study information

Scientific Title

Study objectives
Does monitoring neuromuscular function on PICU (Paediatric Intensive Care Unit) have any advantages over standard practice of clinical assessment of neuromuscular function/drug requirements?

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)
Not Specified

Health condition(s) or problem(s) studied
Nervous System Diseases: Neuromuscular function

Interventions
Patients randomly allocated to received either standard management of NMBD (neuromuscular blocking drug) administration or protocol driven according to monitored neuromuscular function.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
1. Total amount of NMBD administered
2. Speed of recovery or neuromuscular function once NMBDs stopped
3. Complications related to residual NM paralysis

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

Completion date
31/05/2003

Eligibility

Key inclusion criteria
30 patients under the age of 16 years requiring administration of Rocuronium to facilitate mechanical ventilation for more than 48 hours.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Child

Upper age limit
16 years

Sex
Not Specified

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
01/06/2002

Date of final enrolment
31/05/2003

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Birmingham Children's Hospital
Birmingham
United Kingdom
B4 6NH

Sponsor information

Organisation
Department of Health

Funder(s)

Funder type
Government

Funder Name
Birmingham Children's Hospital NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration