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Wean earlier and automatically with new technology: a multicentre, pilot randomised controlled study

Submission date 03/01/2006	**Recruitment status** No longer recruiting	[X] Prospectively registered [X] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 30/01/2006	**Overall study status** Completed	
Last Edited 31/07/2013	**Condition category** Respiratory	

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

Acronym
The WEAN Study

Study objectives
The primary objective of this multicentre pilot study is to compare automatic and protocolised weaning and to evaluate compliance with the proposed weaning and sedation protocols

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Primary study design
Interventional

Study design
Multicentre randomised controlled trial

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Weaning intubated adults from invasive mechanical ventilation

Interventions
Automatic (computer-driven) weaning versus protocolized weaning

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Compliance with the weaning and sedation protocols

Key secondary outcome(s)
1. Acceptance of the weaning and sedation protocols
2. Weaning and Intensive Care Unit (ICU) related-complications
3. Time to successful completion of a Single Breath Test (SBT) and extubation

Completion date
01/06/2006

Eligibility

Key inclusion criteria
Patients who are invasively ventilated for at least 24 hours

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Key exclusion criteria
1. Age < 16 years
2. Tracheotomy
3. Pregnancy
4. Do not intubate (DNI) or do not resuscitate (DNR) patients
5. Planned extubation on the day of study inclusion
6. Planned surgery or procedures within 48 hours of randomization

Date of first enrolment
30/05/2006

Date of final enrolment
01/06/2006

Locations

Countries of recruitment
Canada

Study participating centre
St Michael's Hospital
Toronto
Canada
M5B 1W8

Sponsor information

Organisation
Physician Services Incorporated (Canada)

ROR
https://ror.org/0385yzn06

Funder(s)

Funder type
Charity

Funder Name
Physician Services Incorporated (Canada)

Funder Name
Draeger Canada (in kind)

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?
Results article	results	01/06/2013		Yes	No
Protocol article	protocol	04/09/2009		Yes	No