ISRCTN43760151 https://doi.org/10.1186/ISRCTN43760151

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

Contact name
Dr Karen E. A. Burns

Contact details
St Michael's Hospital
30 Bond street
3-075E Queen wing
Toronto
Canada
M5B 1W8

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
N/A

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

Study design
Multicentre randomised controlled trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
Not specified

Study type(s)
Treatment

Participant information sheet

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 measure
Compliance with the weaning and sedation protocols

Secondary outcome measures
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

Overall study start date
30/05/2006

Completion date
01/06/2006

Eligibility

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

Participant type(s)
Patient

Age group
Adult

Sex
Both

Target number of participants
90

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)

Sponsor details
5160 Yonge street
Suite 1006
Toronto
Canada
M2N 6L9

Sponsor type
Charity

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

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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Protocol article	protocol	04/09/2009		Yes	No
Results article	results	01/06/2013		Yes	No