

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

Submission date 03/01/2006	Recruitment status No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
Registration date 30/01/2006	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 31/07/2013	Condition category Respiratory	<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Canada
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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