ISRCTN46247055 https://doi.org/10.1186/ISRCTN46247055

The influence of prolonged prone position ventilation in patients of acute respiratory distress syndrome (ARDS) due to severe community-acquired pneumonia

Submission date
13/06/2005

Registration date
14/06/2005

Last Edited
30/10/2008

Recruitment status
No longer recruiting

Overall study status
Completed

Condition category
Respiratory

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

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
IRBTCVGH910911

Study information

Scientific Title

Study objectives
To test if prolonged prone position ventilation can improve oxygenation in patients with severe community-acquired pneumonia. We also evaluate the associated complications due to this maneuver and plasma cytokine level change.

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)
Treatment

Health condition(s) or problem(s) studied
Severe community-acquired pneumonia with ARDS

Interventions
Continuous prone position ventilation for 72 hours versus supine position

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
1. Improvement of oxygenation
2. Complications associated with prolonged position ventilation

Key secondary outcome(s))
1. Plasma cytokine levels
2. Mortality

Completion date
31/12/2003

Eligibility

Key inclusion criteria
Severe community-acquired pneumonia with ARDS

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Key exclusion criteria
Home oxygen use needed, pulmonary tuberculosis, malignancy under chemotherapy, acquired immunodeficiency syndrome (AIDS), organ transplant or autoimmune disease under immunosuppressant therapy, bone fracture and spine instability.

Date of first enrolment
01/09/2002

Date of final enrolment
31/12/2003

Locations

Countries of recruitment
Taiwan

Study participating centre
No. 160, Sec. 3, Chung-Kang Rd.
Taichung
Taiwan
40705

Sponsor information

Organisation
Taichung Veterans General Hospital (Taiwan)

ROR
https://ror.org/00e87hq62

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Taichung Veterans General Hospital (Taiwan)

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	01/09/2007		Yes	No