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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

Contact name
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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
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

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Treatment

Participant information sheet

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 measure
1. Improvement of oxygenation
2. Complications associated with prolonged position ventilation

Secondary outcome measures

1. Plasma cytokine levels
2. Mortality

Overall study start date
01/09/2002

Completion date
31/12/2003

Eligibility

Key inclusion criteria
Severe community-acquired pneumonia with ARDS

Participant type(s)
Patient

Age group
Adult

Sex
Both

Target number of participants
15 prone and 15 supine

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)

Sponsor details
No. 160, Sec. 3, Chung-Kang Rd.
Taichung
Taiwan
407

Sponsor type
Hospital/treatment centre

Website
http://www.vghtc.gov.tw

ROR
https://ror.org/00e87hq62

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Taichung Veterans General Hospital (Taiwan)

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?
Results article	results	01/09/2007		Yes	No