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Ventilator-associated pneumonia using a heated humidifier or a heat and moisture exchanger

Submission date	Recruitment status	[_] Prospectively registered
02/05/2006	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
09/06/2006	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
06/01/2021	Infections and Infestations	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
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Intensive Care Unit
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Ofra s/n
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Additional identifiers

Study information

Scientific Title
Ventilator-associated pneumonia using a heated humidifier or a heat and moisture exchanger

Study objectives
Patients mechanically ventilated for more than 5 days may develop lower ventilator-associated pneumonia with a heated humidifier than with a heat and moisture exchanger.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Ethics Committee of the University Hospital of the Canaries on 05/02/2004

Primary study design
Interventional

Study design
Randomized controlled trial

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Pneumonia

Interventions
Humidification with a heated humidifier or a heat and moisture exchanger

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Heated humidifier decreases ventilator-associated pneumonia incidence

Key secondary outcome(s)
Heated humidifier decreases secondary endogenous ventilator-associated pneumonia

Completion date
31/12/2005

Eligibility

Key inclusion criteria
Patients expected to require mechanical ventilation for more than 5 days

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Total final enrolment
120

Key exclusion criteria
1. Age <18 years
2. Human immunodeficiency virus (HIV)
3. Blood leukocytes counts <1000 cells per mm^3
4. Solid or hematological tumour
5. Immunosuppressive therapy

Date of first enrolment
01/01/2005

Date of final enrolment
31/12/2005

Locations

Countries of recruitment
Spain

Study participating centre
Intensive Care Unit
La Laguna
Spain
38320

Sponsor information

Organisation
University Hospital of the Canaries (Hospital Universitario de Canarias) (Spain)

ROR
https://ror.org/05qndj312

Funder(s)

Funder type
University/education

Funder Name
University Hospital of the Canarias

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	01/11/2006		Yes	No