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# Usefulness of a three-step guideline to reduce length of hospital stay for patients with community-acquired pneumonia: a randomised controlled trial

**Submission date**
18/04/2006

**Recruitment status**
No longer recruiting

**Registration date**
17/05/2006

**Overall study status**
Completed

**Last Edited**
06/01/2021

**Condition category**
Infections and Infestations

[_] 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

**EudraCT/CTIS number**

**IRAS number**

### ClinicalTrials.gov number

### Secondary identifying numbers
FIS 040139

# Study information

### Scientific Title
Usefulness of a three-step guideline to reduce length of hospital stay for patients with community-acquired pneumonia: a randomised controlled trial

### Study objectives
The implementation of a three-step guideline would be effective and safe in reducing length of stay for hospitalized patients with community-acquired pneumonia

### Ethics approval required
Old ethics approval format

### Ethics approval(s)
Approved by the Ethics Committee of the University of Bellvitge (Comite Etic d´Investigació de l´Hospital Universitari de Bellvitge), July 2004, reference number: 05/FIS-008

### Study design
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
Community-acquired pneumonia

### Interventions
Patients will be randomly assigned to one of two groups:
1. Use of a three-step guideline, including early mobilization, and pre-defined criteria for switch antibiotic therapy and hospital discharge
2. Control group (conventional management)

### Intervention Type
Other

### Phase
Not Specified

### Primary outcome measure
Length of hospital stay

### Secondary outcome measures
1. Time to switch
2. Readmission (<30 days)
3. Overall mortality (<30 days)
4. Satisfaction with care

### Overall study start date
24/04/2006

### Completion date
31/12/2007

## Eligibility

### Key inclusion criteria
Immunocompetent adults (aged >18 years) who have received a diagnosis of community-acquired pneumonia in the emergency department and are admitted to the hospital

### Participant type(s)
Patient

### Age group
Adult

### Lower age limit
18 Years

### Sex
Both

### Target number of participants
376

### Total final enrolment
401

### Key exclusion criteria
1. Severe immunosuppression (neutropenia, transplantation, human immunodeficiency virus [HIV] infection)
2. Imminent death
3. Intensive care unit (ICU) admission
4. Shock
5. Complicated pleural effusion
6. Aspiration pneumonia

7. Social problem (homelessness)
8. Not able to drink and eat
9. Absence of written informed consent

### Date of first enrolment
24/04/2006

### Date of final enrolment
31/12/2007

## Locations

### Countries of recruitment
Spain

### Study participating centre
**Infectious Disease Service**
Barcelona
Spain
08907

## Sponsor information

### Organisation
Spanish National Health Service (Fondo de Investigación Sanitaria)

### Sponsor details
Sinesio Delgado 4
Madrid
Spain
28029

### Sponsor type
Government

## Funder(s)

### Funder type
Government

### Funder Name
Investigation of Sanitary Funding (Fondo de Investivación Sanitaria) IDIBELL

# 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 | 25/06/2012 | | Yes | No |