

A randomised controlled trial investigating the effect of strict glycaemic control on the incident of nosocomial infection in critically ill patients

Submission date

29/09/2006

Recruitment status

No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date

29/09/2006

Overall study status

Completed

☐ Statistical analysis plan

☒ Results

Last Edited

10/09/2012

Condition category

Infections and Infestations

☐ 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

Protocol serial number

N0236173812

Study information

Scientific Title

Study objectives

1. To investigate the association between strict glycaemic control and the subsequent development of nosocomial infection.
2. To determine the relationship between nosocomial pneumonia and the presence of glucose in endotracheal secretion.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Infections and Infestations: Nosocomial infections

Interventions

All ventilated patients will be randomised to 2 groups:

Group 1 - the treatment group: a continuous infusion of insulin will be started once blood glucose levels exceed 6.1 mmol/l and adjusted accordingly to maintain blood sugar levels between 4.4 and 6.1 mmol/l

Group 2 - the control group: insulin will be adjusted to maintain blood glucose levels ≤ 10 mmol/l

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Nosocomial infection.

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/05/2005

Eligibility

Key inclusion criteria

Not provided at time of registration

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/11/2002

Date of final enrolment

01/05/2005

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Anaesthetics Department

London

United Kingdom

SW17 0QT

Sponsor information

Organisation

Record Provided by the NHSTCT Register - 2006 Update - Department of Health

Funder(s)

Funder type

Government

Funder Name

St George's Healthcare NHS Trust (UK), NHS R&D Support Funding

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 on nosocomial pneumonia and the presence of glucose in endotracheal secretion	01/09/2005		Yes	No