

Dental plaque control to reduce ventilator-associated pneumonia

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 17/08/2018	Condition category Oral Health	☐ 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
N0263177828

Study information

Scientific Title
Dental plaque control to reduce ventilator-associated pneumonia

Study objectives

Does a sponge toothette or electric toothbrush differentially affect the oral flora of intubated intensive care patients?

Ethics approval required

Old ethics approval format

Ethics approval(s)

Added 15 May 2008: Joint UCL/UCLH Committee on the Ethics of Human Research, 05/Q0502 /135

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Prevention

Health condition(s) or problem(s) studied

Oral Health

Interventions

1. Sponge toothette
2. Electric toothbrush

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Description of extent of dental plaque and bacterial species present in dental plaque of intubated intensive care patients.

Key secondary outcome(s)

Added 15 May 2008:

1. Incidence of ventilator associated pneumonia
2. Mortality

Completion date

01/06/2009

Eligibility**Key inclusion criteria**

Added 15 May 2008:

Emergency admission to neurosurgical ICU who have:

1. Been in hospital for less than 24 hours prior to their admission to ICU
2. Expected to survive for more than 48 hours
3. Expected to be intubated for at least 48 hours

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Added 15 May 2008:

1. Edentulous patients
2. Those with a known adverse reaction to chlorhexidine
3. Patients will also be barred who have had a recent chest infection

Date of first enrolment

01/06/2006

Date of final enrolment

01/06/2009

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

International Centre for Evidence-Based Oral Health

London

United Kingdom

WC1X 8LD

Sponsor information**Organisation**

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

Funder(s)

Funder type

Government

Funder Name

University College London Hospitals NHS Foundation Trust (UK)

Funder Name

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	01/03/2011		Yes	No