

Methicillin-resistant *Staphylococcus aureus* (MRSA) in nursing homes: can an improvement in infection control practices decrease MRSA prevalence?

Submission date

06/06/2006

Recruitment status

No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date

19/06/2006

Overall study status

Completed

☐ Statistical analysis plan

☒ Results

Last Edited

04/01/2012

Condition category

Infections and Infestations

☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

EAT/2953/04

Study information

Scientific Title

Study objectives

1. What is the prevalence of MRSA in nursing homes in the Northern Health and Social Services Board?
2. Can an improvement in infection control standards result in a decrease in MRSA prevalence in nursing homes in this board area?

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethical approval granted by the Office for Research Ethics Committees Northern Ireland (ORECNI) on 03/11/2005, reference number: 05/NIR03/154

Study design

Phase 1 is observational; Phase 2 is a cluster randomised controlled trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Prevention

Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

Health condition(s) or problem(s) studied

Methicillin-resistant *Staphylococcus aureus* (MRSA) colonisation

Interventions

Nasal and skin swab and urinary catheter sample where appropriate from residents in both phases 1 and 2. In phase 2, homes assigned to the intervention group will receive an audit of current infection control practices followed by infection control training and feedback. In control homes, routine care will continue as normal.

Intervention Type

Other

Phase

Phase I/II

Primary outcome measure

In phase 1, determination of MRSA prevalence in nursing homes in Northern Health and Social Services (NHSSB). In phase 2, the prevalence of MRSA in intervention homes compared to control homes following infection control intervention, audit and feedback.

Secondary outcome measures

Not provided at time of registration

Overall study start date

01/11/2005

Completion date

01/11/2008

Eligibility

Key inclusion criteria

Phase 1: all nursing homes in the Northern Board will be asked to participate. Within these homes, all residents and staff will be invited to participate.

Phase 2: For a nursing home to be considered in this phase, it must have at least 20 consenting adults.

Participant type(s)

Patient

Age group

Senior

Sex

Both

Target number of participants

All 66 nursing homes in NHSSB

Key exclusion criteria

Nursing home residents who are terminally ill, in a coma or not deemed fit to personally give consent and have no next-of-kin available to give consent, will be excluded from both phases of the trial. For staff, there are no specific exclusion criteria, other than failure to provide written informed consent.

Date of first enrolment

01/11/2005

Date of final enrolment

01/11/2008

Locations

Countries of recruitment

Northern Ireland

United Kingdom

Study participating centre

Queen's University Belfast

Belfast

United Kingdom

BT9 7BL

Sponsor information

Organisation

Queens University Belfast (UK)

Sponsor details

Lanyon Building

University Road

Belfast

Northern Ireland

United Kingdom

BT7 1NN

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Sponsor type

University/education

ROR

<https://ror.org/00hswnk62>

Funder(s)

Funder type

Government

Funder Name

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	01/09/2010		Yes	No