

Whole body washing to reduce skin-surface bacteria: pilot study in healthy volunteers

Submission date 31/03/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 07/04/2010	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 31/10/2019	Condition category Infections and Infestations	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> 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

Study information

Scientific Title
A randomised controlled trial of three body washing products to reduce bacterial colony forming units on skin: a pilot study in healthy volunteers

Study objectives
What is the difference in the reduction of colony forming units on skin between three body washing products, using pre-intervention and three post intervention time points?

This is a pilot study to investigate which product is most effective at reducing bacteria on skin. Skin bacteria can cause surgical site infections.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Faculty of Health and Life Sciences Research Ethics Committee, De Montfort University, 04/02/2010, ref: 584

Study design

Pilot randomised active controlled parallel-group trial

Primary study design

Interventional

Study type(s)

Prevention

Health condition(s) or problem(s) studied

Surgical site infections

Interventions

Participants randomised to 1 of 3 groups using random number tables and sequentially numbered sealed envelopes

1. Group 1 Control: Plain soap and plain shampoo

Participants shower daily for two days using the following instructions -

Enter shower, ensure body and hair are wet. Apply 25mls soap to body, rinse and repeat using another 25mls. Wash hair. Rinse thoroughly. Dry with a clean towel.

2. Group 2 Intervention: Hibiscrub® Plus

Participants shower daily for two days following manufacturers instructions -

Enter shower, ensure body and hair are wet. Apply 25mls Hibiscrub® Plus to body, rinse and repeat using another 25mls. Wash hair. Rinse thoroughly. Dry with a clean towel.

3. Group 3 Intervention: Octenisan®

Participants shower daily for five days following manufacturers instructions -

Enter shower, ensure body and hair are wet. Apply Octenisan® to a damp cloth and apply to body. Leave for 3 minutes before rinsing thoroughly. Wash hair with Octenisan® on day 2 and day 4. Dry with a clean towel.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Colony forming units from swabs taken from nose, armpit and groin pre-intervention and post intervention at 0 hours, 4 hours and 6 hours.

Key secondary outcome(s)

None

Completion date

21/05/2010

Eligibility

Key inclusion criteria

1. Healthy volunteers from De Montfort University - staff or students
2. Any age and either sex

Participant type(s)

Healthy volunteer

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Total final enrolment

60

Key exclusion criteria

1. Allergic to soaps, Hibiscrub® Plus or Octenisan®
2. Has an open wound
3. Currently taking antibiotics or has taken antibiotics in the previous week
4. Has a respiratory infection
5. Has a skin infection
6. Wears jewellery in nose
7. Wears moisturiser, body lotion or any other antiseptic skin product

Date of first enrolment

01/03/2010

Date of final enrolment

21/05/2010

Locations

Countries of recruitment

United Kingdom

England

Study participating centre
De Montfort University
Leicester
United Kingdom
LE2 1RQ

Sponsor information

Organisation

De Montfort University (UK)

ROR

<https://ror.org/0312pnr83>

Funder(s)

Funder type

Industry

Funder Name

Molnlycke Health Care (UK)

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	01/01/2012	31/10/2019	Yes	No