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Hands up for Max! Hand Hygiene study in Primary Schools

Submission date	Recruitment status	[_] Prospectively registered
05/10/2010	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
17/11/2010	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
22/08/2013	Other	

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
PB-PG-1207-15212

Study information

Scientific Title
Cluster randomised controlled trial to test the effectiveness of an educational intervention to promote hand washing in reducing absenteeism in primary schools

Study objectives
1. Is the Hands up for Max! educational hand washing intervention effective in reducing absenteeism, through reducing the spread of infectious illness, in primary school pupils and staff?
2. What percentage pupil and staff absence is due to infectious illness?
3. Is there a difference in hand washing behaviour, knowledge and attitudes between pupils and staff in the intervention and control arms of the trial?
4. Is the Hands for Max! resource cost effective?
5. What can a detailed process evaluation tell us about intervention delivery, hand washing facilities in schools, and pupil and staff hand washing behaviour, knowledge, and attitudes?

Ethics approval required
Old ethics approval format

Ethics approval(s)
University of Bristol, Faculty of Medicine and Dentistry Committee for Ethics approved in January 2009 (ref: 080908)

Primary study design
Interventional

Study design
Pragmatic cluster randomised controlled single centre trial

Study type(s)
Prevention

Health condition(s) or problem(s) studied
Hand hygiene

Interventions
Intervention arm: Hands up for Max! hand washing intervention delivered in primary schools during autumn term 2009 in addition to usual hygiene education.

Control arm: Usual hygiene education continued during autumn term 2009. Hands up for Max! resource offered to schools in autumn term 2010 after all follow-up data for trial completed.

Absence data collected for intervention and control schools for school year 2008/2009 as baseline measure (pre intervention), and absence data for school year 2009/2010 as follow-up data (post intervention).

Intervention Type
Other

Phase
Not Applicable

Primary outcome(s)

Pupil and staff absence measured using routine absence data for schools available from the Department for Education. Pupil and staff absence due to infectious illness measured using data collected over 3 months (Jan - April 2010) in a sample of participating schools (sub-study schools, n = 24).

Key secondary outcome(s)
1. Pupil and staff hand washing behaviour, knowledge, and attitudes measured using self-report questionnaires completed in sub-study schools (n = 24) during March - May 2010
2. Economic evaluation completed using data collected on NHS and wider workforce costs as a result of absence due to illness in sub-study schools (n = 24), collected over 3 months (Jan - April 2010)
3. Process evaluation including:
3.1. Observations of hand washing facilities
3.2. Observation of intervention delivery
3.3. Exploration of hand washing behaviour
3.4. Knowledge and attitudes through interviews with teachers and focus groups with pupils
The process evaluation was completed over 3 months: November 2009 - January 2010.

Completion date
31/08/2011

Eligibility

Key inclusion criteria
1. Maintained primary schools (including infant and junior schools) and special schools in the South West of England
2. Pupils aged 5 - 11 years, either sex

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Child

Lower age limit
5 Years

Upper age limit
11 Years

Sex
All

Key exclusion criteria
Independent primary schools and pupil referral units in the South West of England.

Date of first enrolment
01/09/2009

Date of final enrolment
31/08/2011

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
School of Social and Community Medicine
Bristol
United Kingdom
BS8 2PS

Sponsor information

Organisation
University of Bristol (UK)

ROR
https://ror.org/0524sp257

Funder(s)

Funder type
Government

Funder Name
National Institute for Health Research (NIHR) (UK) - Research for Patient Benefit (RfPB) Programme (ref: PB-PG-1207-15212)

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	15/08/2013		Yes	No