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A Randomised Controlled Trial (RCT) to evaluate the acceptability and cost-implications of Using Multimedia to Educate Patients with asthma on Inhaler Administration.

Submission date
23/01/2004

Recruitment status
No longer recruiting

Registration date
23/01/2004

Overall study status
Completed

Last Edited
25/02/2010

Condition category
Respiratory

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] 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
AM1/08/011

Study information

Scientific Title

Study objectives
There is now a vast range of inhaler devices available for the management of asthma. Clear explanation must be offered to new users of such devices, as well as attempts made to improve inhaler technique in experienced users. These activities can be very time consuming for the health professionals concerned. A further problem is encountered when attempting to demonstrate the use of such devices to those with a poor understanding of English. One solution is the use of multimedia computer systems which have the advantage over video in being far more flexible and allowing patient interaction. King's College London have produced a touch screen multimedia system which counsels patients, in their selected language, using a combination of video, text, graphics and audio presentations. This multi-centre randomised trial builds on previous feasibility studies.

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
Respiratory tract diseases: Asthma

Interventions
1. English and non-English speaking patients are given information on inhalers using conventional methods in combination with the multimedia system
2. Patients are given information on inhalers using conventional methods only.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Comparison of inhaler administration technique between groups, acceptability of multimedia, satisfaction with information provision and self-reported asthma diary. Cost implications of each intervention will be compared.

Key secondary outcome(s)

Not provided at time of registration

Completion date
31/05/2000

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
01/10/1998

Date of final enrolment
31/05/2000

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
King's College London
London
United Kingdom
SW3 6LX

Sponsor information

Organisation
Record Provided by the NHS R&D 'Time-Limited' National Programme Register - Department of Health (UK)

Funder(s)

Funder type
Government

Funder Name
NHS Asthma National Research and Development Programme (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	01/04/2006		Yes	No