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Adolescent hayfever and quality of life

Submission date 24/06/2008	**Recruitment status** No longer recruiting	[_] Prospectively registered [X] Protocol
Registration date 19/08/2008	**Overall study status** Completed	[_] Statistical analysis plan [X] Results
Last Edited 20/02/2015	**Condition category** Respiratory	[_] 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
CZF/1/40

Study information

Scientific Title
Cluster randomised controlled trial of an educational intervention for healthcare professionals into the management of school-age children with hayfever

Study objectives

The primary aim of this study is to examine the effectiveness of standardised allergy training in promoting disease-specific quality of life of adolescents with hayfever. A one-day short course which focuses specifically on allergic rhinitis and asthma will be delivered to practice nurses in Lothian.

The objectives are:
1. To evaluate the effectiveness of standardised allergy training for health care professionals on adolescent (12 - 18 years) rhinitis-specific quality of life
2. To examine the impact of improving symptoms of hayfever on examination performance of adolescents
3. To assess the change in allergy practice and improvement in confidence, understanding and managing allergy symptoms of trained nurses or doctors

Ethics approval required
Old ethics approval format

Ethics approval(s)
Lothian Research Ethics Committee, September 2008, ref: 08/S1102/37

Primary study design
Interventional

Study design
Pragmatic cluster randomised controlled trial

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Seasonal allergic rhinitis (hayfever)

Interventions
The randomisation is at the level of the general practice, i.e. the practices are the clusters.

The health care professional intervention is a one-day short course entitled 'Essential Asthma and Allergic Rhinitis' and is run by the charity Education for Health.

The patient intervention is one consultation with a nurse or doctor (both intervention and control groups). In the intervention arm, the nurse or doctor will have attended the training day. In the control arm the nurse or doctor will not have attended the training day.

The control group will also receive usual care and a leaflet on hayfever management (Allergy UK factsheet). Once the trial is complete, control practice staff will be invited to attend the course.

Intervention Type
Other

Phase
Not Applicable

Primary outcome(s)

Difference in the validated Rhinoconjunctivitis Quality of Life Questionnaire (RQLQ) score between the intervention and control groups at baseline and 3 and 6 weeks post-intervention.

Key secondary outcome(s)
1. Symptom scores, assessed using a visual analogue scale at 3 and 6 weeks post intervention
2. Overall assessment of seasonal allergic rhinitis symptoms compared with the previous season, assessed 6 weeks post intervention
3. Number of general practitioner and practice nurse consultations for hayfever; prescribed (from clinical records) and over-the-counter (from patients) medication data will be collected for cost-effectiveness comparison. Theses will be assessed at end of hayfever period (September 2009)
4. Examination performance, assessed at end of hayfever period (September 2009)
5. Assessment of change in clinical practice on completion of trial

Completion date
30/11/2009

Eligibility

Key inclusion criteria
1. Young people (both males and females) aged 12 - 18 years
2. Hayfever, defined by the presence of a documented clinician diagnosis in the patient's health record and any evidence of treatment used for allergic rhinitis

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Child

Lower age limit
12 Years

Upper age limit
18 Years

Sex
All

Key exclusion criteria
1. Unable to give consent
2. Taking part in any other clinical trials involving treatment for allergic rhinitis

Date of first enrolment
01/08/2008

Date of final enrolment

30/11/2009

Locations

Countries of recruitment
United Kingdom

Scotland

Study participating centre
Division of Community Health Sciences: GP Section
The University of Edinburgh
Edinburgh
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EH8 9DX

Sponsor information

Organisation
Chief Scientist Office of the Scottish Executive Health Department (UK)

ROR
https://ror.org/01bw7zm61

Funder(s)

Funder type
Charity

Funder Name
Chief Scientist Office of the Scottish Executive Health Department (UK) (ref: CZF/1/40)

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	05/06/2014		Yes	No
Protocol article	protocol	05/08/2010		Yes	No