

Adolescent Asthma Action programme in Jordanian high schools

Submission date 11/10/2009	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 03/11/2009	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 15/02/2012	Condition category Respiratory	<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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2007

Additional identifiers

Study information

Scientific Title
Evaluation of a school-based, peer-led asthma education programme on quality of life, asthma-related knowledge and self-efficacy to resist smoking among adolescents with asthma in high schools in Jordan

Acronym
Triple A in Jordan (TAJ programme)

Study objectives

A school-based, peer-led asthma education program (TAJ) improves quality of life, asthma-related knowledge and self-efficacy to resist smoking among adolescents with asthma attending high schools in Jordan.

Ethics approval required

Old ethics approval format

Ethics approval(s)

1. Human Research Ethics Committee, the University of Technology, Sydney, Australia, approved on 23/08/2006 (ref: 2006-214A)
2. Ministry of Education, Irbid, Jordan, approved on 11/07/2006 (ref: 35794/10/3)

Study design

Cluster-randomised (at the school level) controlled trial

Primary study design

Intentional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Asthma, wheezing

Interventions

This is a cluster-randomised (at the school level), controlled trial. Four schools were randomly selected from the list of all eligible schools in the Irbid region, stratified by gender.

The intervention is an adaptation and implementation of the Triple A programme (TAJ), which was developed by Shah in 1993 in Australia. Triple A is a peer-led education programme that involves senior students educating younger peers about asthma and smoking through a three-step implementation process in high schools (description of the TAJ programme in: <http://www.ncbi.nlm.nih.gov/pubmed/9436069>). Students in the intervention schools received the modified Triple A programme, and students in the control schools did not receive any intervention but continued their usual routine.

261 students were recruited but 241 completed the trial.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Asthma-related quality of life, assessed by the Paediatric Asthma Quality of Life Questionnaire (PAQLQ)

All primary and secondary outcomes were assessed at baseline (December 2006) and at post-intervention (April 2007).

Key secondary outcome(s)

1. Asthma knowledge of self-management, assessed by the Consumer Asthma Knowledge Questionnaire (CQ)
2. Self-efficacy to resist smoking, assessed by the Self-Administered Nicotine-Dependence Self-Efficacy Sub-Scale (SANDES)

All primary and secondary outcomes were assessed at baseline (December 2006) and at post-intervention (April 2007).

All three questionnaires used in this trial were self-administered and were in validated Arabic versions.

Completion date

01/05/2007

Eligibility**Key inclusion criteria**

1. Both males and females, in year 8, 9, or 10 at school
2. Recent wheezing in the last 12 months as detected by the Core Questionnaire for Wheezing and Asthma (CQWA). This questionnaire is an Arabic version of the International Studies of Asthma and Allergies in Childhood (ISAAC) Written Questionnaire.
3. Physically and cognitively capable of completing the survey
4. Able to read and converse in both Arabic and English
5. Attending regular school classes
6. Free of any other major diseases that could affect quality of life measures
7. Not involved in another concurrent health-related study

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

1. Students who were not regularly attending years 8, 9, and 10
2. Students who did not experience wheezing in the last 12 months
3. Students who had other chronic conditions

Date of first enrolment

10/11/2006

Date of final enrolment

01/05/2007

Locations

Countries of recruitment

Australia

Jordan

Study participating centre

Faculty of Nursing, Midwifery and Health

Sydney

Australia

2007

Sponsor information

Organisation

Westmead Hospital (Australia)

ROR

<https://ror.org/04gp5yv64>

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Westmead Hospital, Primary Health Care Education and Research Unit (Australia)

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				

[Results article](#)

01/01/2012

Yes

No