

Effectiveness of personalized written asthma action plans in the management of children with partly controlled asthma in Trinidad: A randomized controlled trial.

Submission date 25/10/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 17/11/2010	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 26/03/2014	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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Additional identifiers

Protocol serial number
N/A

Study information

Scientific Title

Effectiveness of personalized written asthma action plans in the management of children with partly controlled asthma in Trinidad: A randomized controlled trial.

Study objectives

Current study hypothesis as of 20/05/2013:

In a primary care setting among children with partly controlled asthma, the use of written asthma action plans reduces revisits for acute asthma care.

Previous study hypothesis until 20/05/2013:

In a primary care setting among children with recurrent admissions to the Emergency room for asthma, the use of written action plans (WAPs) reduces revisits for acute asthma care.

Please note that as of 20/05/2013, the following changes were made to the trial record:

1. The public title was previously "Reducing emergency room visits in children with asthma: a randomised controlled trial"
2. The scientific title was previously "Efficacy of personalised written asthma action plans in the reduction of emergency room revisits in children with recurrent admissions for asthma: a randomised controlled trial"

Ethics approval required

Old ethics approval format

Ethics approval(s)

University of the West Indies, Faculty of Medical Sciences Ethics Committee approved on the 30th November 2009

Study design

Interventional randomised double blind single centre study

Primary study design

Interventional

Study type(s)

Prevention

Health condition(s) or problem(s) studied

Asthma

Interventions

Current interventions as of 20/05/2013:

Personalised written asthma action plan versus routine care. Total duration of treatment is 6 months with monthly follow up of both arms for 1 year.

Previous interventions until 20/05/2013:

Personalised written asthma action plan versus routine care. Total duration of treatment is 6 months with monthly follow up of both arms for 6 months.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Number of emergency room revisits, measured monthly

Key secondary outcome(s)

1. Number of unscheduled doctor visits, measured monthly
2. Number of school days missed, measured weekly
3. Number of night-time awakenings with symptoms, measured weekly
4. Mean change in peak expiratory flow rates, measured weekly

Completion date

30/04/2011

Eligibility**Key inclusion criteria**

Current inclusion criteria as of 20/05/2013:

1. Children with partly controlled asthma with a history of presenting to the Emergency Room (ER) or Paediatric clinic for acute treatment of bronchospasm in the preceding six months
2. Ability of the child and/or parent to follow written directions.

Previous inclusion criteria until 20/05/2013:

1. Children with more than one admission to the ER for acute asthma care in the preceding six months
2. Children and/or the parents able to follow written directions
3. Children aged 1 - 16 years, either sex

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Child

Sex

All

Key exclusion criteria

Current exclusion criteria as of 20/05/2013:

1. Uncontrolled asthmatics
2. Inability of child and/or parent to follow written directions
3. Presence of co-morbid respiratory illness
4. Children or parents already in possession of written/verbal plans or other asthma education material

5. Children who sought care outside of the Chaguanas paediatric outpatient clinic or Emergency Room department and
6. Previous enrolment in an asthma educational programme/study.

Previous exclusion criteria until 20/05/2013:

1. Uncontrolled asthmatics
2. Inability of the child and/or parent to follow written directions
3. Presence of co-morbid respiratory illness
4. Previous enrolment in an asthma educational program/study

Date of first enrolment

01/02/2010

Date of final enrolment

30/04/2011

Locations

Countries of recruitment

Trinidad and Tobago

Study participating centre

17 Hillside Terrace

Tunapuna

Trinidad and Tobago

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Sponsor information

Organisation

University of the West Indies (Trinidad and Tobago)

ROR

<https://ror.org/003kgv736>

Funder(s)

Funder type

Other

Funder Name

Investigator initiated and funded (Trinidad and Tobago)

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	01/02/2014		Yes	No
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes