

# Parent Initiated Prednisolone in Asthma (PIPA)

<b>Submission date</b> 22/02/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 05/05/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 03/03/2010	<b>Condition category</b> Respiratory	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Dr Peter Vuillermin

**Contact details**  
Geelong Hospital  
P.O. Box 281  
Ryrie St  
Geelong  
Australia  
3220  
+61 (0)3 5260 3044  
peter.vuillermin@telstra.com

## Additional identifiers

## Study information

**Scientific Title**  
Parent Initiated Prednisolone in Asthma (PIPA): a randomised, placebo-controlled, crossover trial

**Acronym**  
PIPA

**Study objectives**

Parent initiated prednisolone, when compared with placebo, in the setting of an episode of acute asthma is associated with a reduction in the mean asthma daytime symptom score

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

Not provided at time of registration

### **Study design**

Randomised placebo controlled crossover group trial

### **Primary study design**

Interventional

### **Study type(s)**

Treatment

### **Health condition(s) or problem(s) studied**

Asthma

### **Interventions**

A short course of parent initiated oral prednisolone or placebo, administered as a single daily dose of 1 mg per kg in 10 mg brackets to a maximum of 50 mg daily.

### **Intervention Type**

Drug

### **Phase**

Not Specified

### **Drug/device/biological/vaccine name(s)**

Prednisolone

### **Primary outcome(s)**

The mean 7-day asthma daytime symptom score.

### **Key secondary outcome(s)**

1. Nocturnal symptom scores
2. Asthma free days
3. Days of school missed
4. Days of parental work missed
5. Unscheduled medical review due to acute asthma
6. Use of the participant's regular reliever medication
7. Prescription of a corticosteroid by the participant's physician for an asthma exacerbation
8. Adverse effects (including growth and behavioural changes)

### **Completion date**

28/02/2007

# Eligibility

## Key inclusion criteria

1. Age: 5 to 11 years old
2. Definition of asthma: a history of recurrent episodes of bronchodilator responsive wheeze. This will be determined in each case by the principal investigator.
3. Asthma severity: four or more acute asthma exacerbations in the preceding 12 months. Asthma exacerbations will be defined as a subjective worsening of lung function that failed to respond to appropriate doses of 'reliever' medication within a 6 hour period.

## 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

1. Receiving systemic steroids daily or on alternate days
2. Chronic disease, other than asthma, that affects pulmonary function
3. Insulin dependent diabetes mellitus

## Date of first enrolment

28/02/2005

## Date of final enrolment

28/02/2007

# Locations

## Countries of recruitment

Australia

## Study participating centre

**Geelong Hospital**  
Geelong  
Australia  
3220

## Sponsor information

### Organisation

Murdoch Children's Research Institute (Australia)

### ROR

<https://ror.org/048fyec77>

## Funder(s)

### Funder type

Charity

### Funder Name

The Jack Brockhoff Foundation (Australia)

### Funder Name

The Murdoch Children's Research Institute (Australia)

### Funder Name

The Percy Baxter Foundation (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](#)

01/03/2010

Yes

No