

# Different methods of disseminating practice guidelines for children with croup

<b>Submission date</b> 05/09/2005	<b>Recruitment status</b> Stopped	<input type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
<b>Registration date</b> 05/09/2005	<b>Overall study status</b> Stopped	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 28/01/2019	<b>Condition category</b> Respiratory	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

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

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**  
NCT00147849

**Secondary identifying numbers**  
MCT-63141

# Study information

## Scientific Title

A cluster controlled trial comparing three methods of disseminating practice guidelines for children with croup

## Acronym

CPG

## Study objectives

To determine which of the three intervention strategies are most effective at lowering the rate of hospital days per 1000 disease episodes. To determine which of the three dissemination strategies are most effective at increasing the use of therapies of known benefit.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

University of Calgary Health Research Ethics Board approved on the 7th December 2000

## Study design

Cluster controlled trial

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Hospital

## Study type(s)

Treatment

## Participant information sheet

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

Croup

## Interventions

Group 1: Mailing of printed educational materials (the 'Standard intervention')

Group 2: Mailing plus a combination of interactive educational meetings, educational outreach visits, and reminders (a 'Saturn intervention')

Group 3: A combination of mailing, interactive sessions, outreach visits, reminders plus identification of local opinion leaders and establishment of local consensus processes (a 'Cadillac intervention')

## Intervention Type

Other

## **Phase**

Not Applicable

## **Primary outcome measure**

The rate of hospital days per 1000 disease episodes.

## **Secondary outcome measures**

1. Proportion of patients treated in the Emergency Department (ED) and hospital with a corticosteroid
2. Proportion of patients evaluated in ED for at least 3 hours after treatment with corticosteroids before the decision to admit to hospital is made
3. Time to treatment with corticosteroids in both ED and hospital patients

## **Overall study start date**

01/12/2001

## **Completion date**

31/03/2006

# **Eligibility**

## **Key inclusion criteria**

1. Alberta hospitals were rank ordered based on their rate of hospitalisation and the size of their patient population. The administrative, nursing, and medical staff from the 36 highest ranking hospitals were approached and asked to participate. 24 agreed and 12 refused
2. Children with croup aged 28 days to 9 years, either sex were the subject of the disseminated guidelines

## **Participant type(s)**

Patient

## **Age group**

Child

## **Lower age limit**

28 Days

## **Upper age limit**

9 Years

## **Sex**

Both

## **Target number of participants**

24

## **Key exclusion criteria**

Does not meet inclusion criteria

**Date of first enrolment**

01/12/2001

**Date of final enrolment**

31/03/2006

## Locations

**Countries of recruitment**

Canada

**Study participating centre**

Alberta Children's Hospital

Calgary

Canada

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## Sponsor information

**Organisation**

Alberta Children's Hospital (Canada)

**Sponsor details**

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**Sponsor type**

Hospital/treatment centre

**Website**

<http://www.childrenshospital.ab.ca/albertachildrenshospital.html>

**ROR**

<https://ror.org/00sx29x36>

## Funder(s)

**Funder type**

Research organisation

**Funder Name**

Canadian Institutes of Health Research (CIHR) (Canada) - <http://www.cihr-irsc.gc.ca> (ref: MCT-63141)

**Funder Name**

Alberta Medical Association Medical Services Budget Innovation Fund (Canada)

**Funder Name**

Alberta Medical Association Clinical Practice Guideline Program (Canada)

## Results and Publications

**Publication and dissemination plan**

Not provided at time of registration

**Intention to publish date****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?
<a href="#">Protocol article</a>	protocol	28/04/2006		Yes	No