

## COURSE PROFILE

### COURSE SUMMARY

Short Title	Asthma Fundamentals Training
Area of Care	This course is designed for training Primary Health nurses & Paediatric nurses to educate children & their caregivers/families on the basics of asthma management of children within a community & hospital environment. It will also provide the nurse with the skills to educate and enable families to manage this condition in their own home.
Audience	Primary Health Nurses & Paediatric Nurses in CMDHB Recommended for any staff with an interest in asthma education..
Pre-requisites	Registered Nurse
Co-requisites	Signed release time to attend by employer

### COURSE PERSONNEL

Facilitator name:	Chris Holt
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Facilitator name:	Kay Doherty
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### COURSE STRUCTURE

<p>Purpose / aim</p> <ol style="list-style-type: none"> <li>1. To educate primary health nurses &amp; paediatric nurses in the management of asthma preventing admission to hospital.</li> <li>2. To provide strategies to educate families within Counties Manukau.</li> </ol>
<p>Learning outcomes</p> <ul style="list-style-type: none"> <li>• Identify the changes in physiology during an acute asthma attack</li> <li>• Identify triggers that predispose children to asthma</li> <li>• Accurately explain to children &amp; their families/caregivers the progression of severity in asthma.</li> <li>• Demonstrate affective use of asthma medication via the delivery device.</li> <li>• Demonstrate the effective use of management tools (i.e. peak flow, asthma diary &amp; asthma action plan which includes other support services and disciplines).</li> <li>• Develop strategies to educate families, in particular Pacific Island &amp; Maori in a culturally sensitive manner.</li> </ul>

Content / topics / schedule (mode of delivery)

- Overview of current status of Asthma in NZ
- Overview of Pathophysiology in Asthma (discuss)
- Triggers (identify)
- Management Tools – childhood asthma plans, peak flow and asthma diary
- Use of appropriate treatment devices (demonstrate)
- Pharmacology – used in the treatment of asthma
- Tools to assist families in identifying deteriorating symptoms (explain clearly)
- Dispelling cultural myths and mindsets around asthma (true/false quiz)
- Identify issues surrounding adherence to treatment and management plans
- Tips for nurses to effectively get their education message across to families, culturally and sensitively.

**TIMETABLE**

Dates and Times	Venues
See Onestaff	

**ENROLMENT**

Maximum Numbers	Minimum Numbers
12	6

**COMMITMENT REQUIRED**

Workload	<ul style="list-style-type: none"> <li>• <b>Pre course questionnaire</b> – identifying deficits in current knowledge of all aspects of asthma including exposing those cultural attitudes, which form a barrier to learning</li> <li>• <b>Pre course assignment</b> - to demonstrate commitment to study day</li> <li>• <b>Pre reading</b> – material includes normal pathophysiology of the respiratory system and the specific physiological changes taking place during an asthma episode – reinforced throughout the study day</li> <li>• <b>Study Day</b> – 8hrs – hands on learning using resources, power point data presentation, interactive group work, invited speakers, Q&amp;A session.</li> <li>• <b>Repeat questionnaire</b> – one and three months post study day.</li> </ul>
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**ASSESSMENT(S)**

Date	Pre course questionnaire & assignment Study day, plus follow-up assessment at one and three months
Method	<b>Diagnostic</b> – pre course questionnaire & assignment

	<p><b>Formative</b> – see below  <b>Summative</b> – see below  <b>Practical</b> – contact with participants by trainers to assess learning as applied to practise</p>
Weighting	<p><b>Pre requisites</b> – 10%  <b>Q&amp;A quiz</b> to identify &amp; dispel cultural misconceptions /myths surrounding childhood asthma – 20%  <b>Small group workshops</b>, includes scenarios, identifying triggers &amp; the progression of severity in asthma - 25%  <b>Small groups of 3</b>, interactive, hands on demonstration of tools/devices – teaching &amp; critiquing each other &amp; assessed by facilitators 20%  <b>Role play</b> using different teaching styles to educate families in all aspects of asthma management – assessed -25 %</p>
Purpose (Formative, Summative)	<p><b>Formative</b> – pre test one week prior to study day  - hands on learning assessment  <b>Summative</b> – Pre course test results  - Post course questionnaire provided immediately following the course &amp; at 1 month &amp; 3 months interval.</p>
Requirements to pass	<p>Attend the full workshop; participate in all scenarios, including role play. Demonstrate in front of facilitators the correct usage and technique of devices.  One on one assessment identifying gaps/deficits in applying learning to practise – to be signed off.   Certificate of Achievement</p>
Facilitator feedback commitment	<p>Asthma workshop analysed and reviewed using tick box assessment tool and post workshop questionnaire with visit to area of practise by educators, at one &amp; three months to identify efficacy of learning</p>

**RESOURCES**

Documents	<p>Pre course reading, questionnaire &amp; assignments.  Power point presentation,  Speakers' notes, course folder, pamphlets &amp; posters  Evaluation form, Certificate</p>
Clinical	<p>Guest speakers to include Paediatrician (when available) and Pharmacologist. Asthma action plan, peak flow, diary, delivery devices Breathing tubes, Whiteboard</p>

**ENDORSEMENT**

Course approval date:	14 April 08
Approved by:	Nursing Framework for Educational Development
Next course review:	

***IMPROVEMENT***

Recent improvements	
Moderation	

***CERTIFICATION EXPIRES***

Date:	
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