

BARRIERS & ENABLERS

Implementing a guideline for management of paediatric asthma

Dr Claire Harris
Director, Centre for Clinical Effectiveness
NICS Fellow



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Workshop objectives

- Increase your understanding of why there are barriers to best health care
- Identify factors that might help in implementing guideline recommendations
- Practice identifying barriers & enablers to best practice using a framework



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Asthma facts

- Globally >300 million people have asthma
- In Australia, there are >32,000 hospital admissions each year as a result of asthma
- In 2004, 311 Australians died from asthma



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Asthma in childhood

- Asthma is one of the most common chronic diseases in children
- Asthma is the most common medical cause for hospital admission in children



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Asthma guidelines

- Evidence-based guidelines for the diagnosis and management of asthma exist but these are rarely implemented in practice
- Clinical paths are an effective way of implementing guideline recommendations in clinical practice



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Guideline formats

- Evidence-based guideline (reference document)
- One-page summary/algorithm
- Clinical path (medical record)
- Patient information materials



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The evidence for clinical paths

Asthma clinical paths have been shown to

- decrease
 - hospital admission rates
 - length of stay
 - medication use
 - therapy, laboratory & radiology costs
- increase
 - appropriate use of spacers
 - appropriate use oral steroids



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Scenario

Implementation of an evidence-based guideline for management of children with asthma

- Clinical path that forms the patient medical record
- Hospital setting: ED and children's ward
- All relevant health professionals



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Who?

Task 1: Group activity

Identify the individuals and groups who might influence the implementation of your asthma clinical path?

(5 minutes)



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Potential influencers

Hospital clinical staff

- Nursing
 - Senior, junior
 - Ward, ED, other setting
 - Managers, educators, specialists, nurse practitioners
- Medical
 - Consultants, Fellows, Registrars, Interns
 - Ward, ED, other setting
 - Full-time, part-time, sessional
- Allied health
 - Physiotherapy, Pharmacy, others



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Potential influencers

Other hospital groups

- Diagnostic services
 - Imaging
 - Pathology
- Support services
 - Medical records
- Organisational processes
 - Documentation Committee
 - Quality Unit
- Management
 - Finances



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Potential influencers

Other groups

- Consumers
 - Parents, carers
 - Children
- External clinicians
 - GPs
 - Asthma educators
 - Pharmacists
- Peak bodies
 - Asthma Victoria
- Government
 - Funders
 - Policy makers



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What?

Task 2: Individual activity

- Select an identity (not your own)
- In your new role, what barriers might prevent or hinder you in implementing the asthma clinical path?

(5 minutes)



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Barriers

Task 3: Group activity

Aggregate the barriers into categories

(15 minutes)



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Physician non-adherence to asthma guidelines *(Cabana et al 2001)*

- Lack of familiarity
- Lack of agreement
- Lack of self efficacy
- Lack of outcome expectancy
- Presence of external barriers
 - Lack of equipment or space
 - Lack of time
 - Lack of educational materials
 - Lack of support staff
 - Lack of reimbursement



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Enablers

Task 4: Group activity

- Identify **ONE** enabler from each category that will assist implementation of the asthma clinical path.
- How will you use this information?

(15 minutes)



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How?

- Brainstorming
- Case studies
- Key informants
- Interviews
- Focus groups
- Direct observation
- Surveys
- Nominal Group technique
- Delphi Technique



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Resources

- Tools
 - NICCS Barrier Tool
 - Identifying barriers to evidence uptake (NICCS) (Rainbird K, Sanson-Fisher R and Buchan H)
 - Environmental Readiness Assessment Worksheet (Registered Nurses Association of Ontario)
- References
 - Workshop handout
 - Improving patient Care. The implementation of change in clinical practice. Grol R, Wensing M, Eccles M. 2005 Elsevier London



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Here's one we prepared earlier....

- Survey
 - Nursing staff (ward and ED) attached to pay slips
 - Senior medical staff with personal letter
- Focus group
 - Junior medical staff in routine teaching session
 - Nursing staff in routine meeting time
- Existing information
 - Report on readiness for quality management processes
- Literature
- Project Management Group
 - To determine 'deal breakers'



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Summary

- Have clear, precise, specific change objectives
- Identify individuals and groups that can influence implementation
- Identify the barriers and enablers to implementation
- Match interventions to analysis
- Measure & review



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Good luck!



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