



Wisconsin Asthma Coalition's Walkthrough Program

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W I S C O N S I N
ASTHMA
C O A L I T I O N

★ Children's Health
Alliance of Wisconsin

Coalition by Discipline

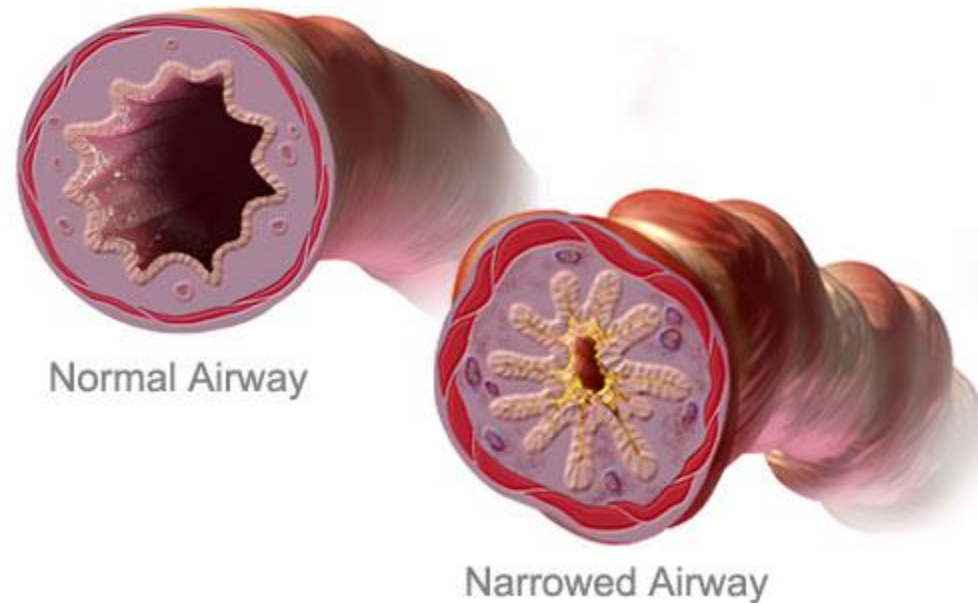
- Advocacy
- Asthma/allergy
- Asthma education
- Disparities
- Emergency medicine
- Environmental
- Epidemiology
- Health education
- Medicaid/Insurers
- Pediatrics
- Pharmacy
- Primary care
- Public health
- Respiratory therapy
- School nursing
- Tobacco prevention
- Tribal community
- Work-related asthma



Asthma Introduction

What is asthma?

- Chronic lung disease
- Cannot be cured, but can be controlled
- Airways:
 - Inflamed
 - Tighten
 - Mucous



ASTHMA IS COMMON

MORE THAN **HALF A MILLION** WISCONSINITES



1 IN 10 ADULTS



1 IN 13 CHILDREN

ASTHMA IS DEADLY

EMERGENCY DEPARTMENT VISIT
& HOSPITALIZATION RATES



PERSON DIES EVERY 5 DAYS

ASTHMA IS EXPENSIVE



18,642
EMERGENCY
DEPARTMENT VISITS

+



4,992
HOSPITALIZATIONS

=



EXCEEDING
\$100
MILLION
ANNUALLY

ASTHMA IS DISRUPTIVE

AMONG THOSE WITH ASTHMA

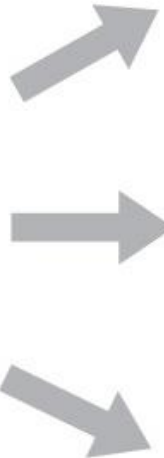
1 IN 2 ADULTS



1 IN 3 CHILDREN



HAVE UNCONTROLLED ASTHMA



1 IN 2 ADULTS
HAVE ASTHMA
CAUSED OR MADE WORSE
BY THEIR JOB



1 IN 4 ADULTS
UNABLE TO
CARRY OUT THEIR WORK



1 IN 2 CHILDREN
MISS SCHOOL

What is an asthma trigger?

- A trigger is anything that causes asthma symptoms to begin or get worse.



Most common triggers

- Animals
- Cockroaches/other pests and vermin
- Dust and dust mites
- Mold, mildew and moisture
- Strong odors



Cause for Concern





Walkthrough Program

Walkthroughs: An Origin Story

- Started in 2013
- Part of the Wisconsin Asthma Plan 2015-2020
 - Routine health care, pharmaceutical care, education, environment



Walkthrough Program Benefits

- Identify triggers
- Recommend low and no-cost trigger reduction strategies
- Demonstrates commitment to providing safe and healthy environment for children
- Easy to replicate (in case of staff turnover)
- No cost and **NONPUNITIVE!!!!**



Program success

- To date: **285** walkthroughs completed
- Top three changes:
 - Removing difficult-to-clean toys
 - Cleaning up clutter (bins, storage)
 - Cleaning vents

Innovation

- Partner with school/child care champion
- Education focus
- Collaboration with state and federal partners (e.g., DHS, ALA, EPA, CDC)
- Personalized post-walkthrough report
- Credit in other programs

Asthma-Friendly Award

- Debuts for 19-20 academic year!
- Recognition for actively promoting asthma-friendly environment
- Designation lasts for 2 years

Schools and Child Care Centers

	Bronze	Silver	Gold
1. Designate an asthma champion	X	X	X
2. Complete a WAC environmental walkthrough	X	X	X
3. Take the American Lung Association's Asthma Basics online course	1 champion	50% of staff	80% of staff
4. Establish a process for identifying all students with asthma	X	X	X
5. Ensure all students with asthma have access to rescue medications	X	X	X
6. Create policies allowing students with asthma to self-carry and administer medications (with doctor's permission)	X	X	X
7. Create policies for staff to follow when students have asthma episodes	X	X	X
8. Establish a plan to allow students with asthma to fully participate in school or center activities, including pre-treating exercise-induced asthma and modifying physical activities for students with limitations	X	X	X
9. Share WAC's medication assistance webpage with families	X	X	X
10. Subscribe to the EPA's air quality alerts		X	X
11. Keep Asthma Action Plans on file for students with asthma		20% of students with asthma	40% of students with asthma
12. Provide asthma education for all students (posters, videos, etc.)*		X	X
13. Provide asthma self-management education for students with asthma*		50% of students with asthma	80% of students with asthma
14. Provide opportunities for parents and caregivers to participate in American Lung Association's Asthma Basics training		X	X
15. Make at least two changes recommended by the WAC walkthrough		X	X
16. Educate parents about Wisconsin Asthma Program's home walkthrough program		X	X
17. Become a member of the WAC (designated asthma champion)		X	X
18. Put at least three comprehensive policies in place: facility-wide tobacco-free or third-hand smoke policy, bus idling, green cleaning, flag program, and/or ongoing staff asthma management education			X
19. Implement an ongoing Integrated Pest Management System			X

Sustainability

- Easy to replicate
- Pre- and post-tests = QI feedback
- Decreased exposure to environmental asthma triggers
- Decreased use of rescue inhalers and 911
- Train-the-trainer = expansion statewide