Louisiana Asthma Management Prevention Program 2012-2013

Health Care Provider Toolkit



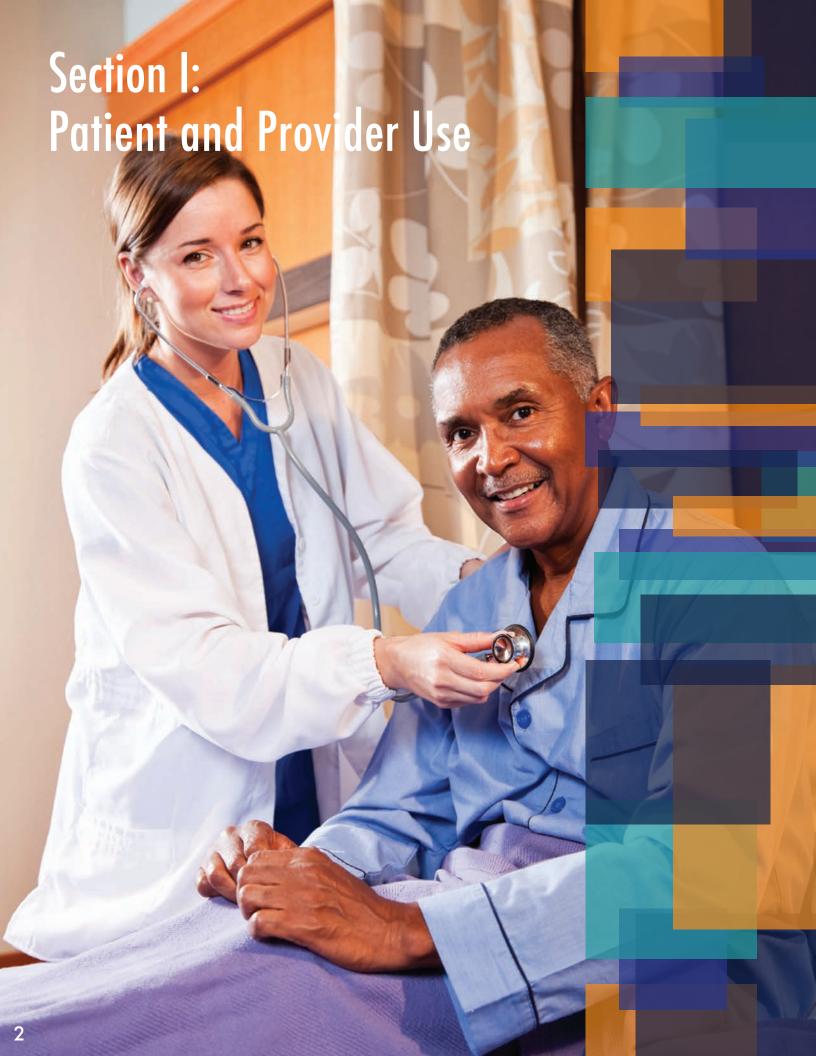




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Asthma Action Plan

| Patient: | DOB: | Date: | The colors of the traffic light will help you use your asthma medicine. |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------|
| | Phon | | |
| Healthcare Provider: | | | controller medicine. |
| Providers Phone (Day/Night): | // | | YELLOW means Caution Zone! Add |
| Patient Signature: | Parent Signature: | | quick-relief medicine. |
| For Exercise: 20 min | nutes before take: $=$ | ol (ProAir, Proventil, Ventolin) hterol (Xopenex) | RED means Danger Zone! Get help from a doctor. |
| GREEN = Go Zone | Use CONTROLLER Medicati | ions EVERY DAY and Avoi | id Asthma Triggers |
| You have ALL of these: | Controller Medication | How Much to Take | How Often |
| Breathing is good No cough or wheeze Can work and play Sleep through the night | | | |
| 1 6 6 | | | |
| If peak flow meter u | sed: Peak flow greater than above 80% | brush teeth after using Co 6 personal best. Personal b | |
| YELLOW = CAUTION ZO | NE Getting Worse! Add QUICK R | RELIEVER Medication | |
| You have ANY of these: | Continue DAILY Green Zone | Controller Medications and | ADD QUICK RELIEVER: |
| •Cough | Albuterol (ProAir, Provent | · _ | Levalbuterol (Xopenex) |
| • Mild wheeze | 2 puffs 4 puffs | 1 nebulizer treatmer | |
| Tight chestWaking at night due | If better in 20 minutes, continu | de Quick-Reflever every 4-6 | • |
| to asthma | If not improving: | 1 | oidays |
| First sign of coldCan do some, but not | Take oral steroid: | | for days |
| all, usual activities | ☐ Call your provider a | at 24 hours | 48 hours |
| •Exposure to a known trigger This is no | ot where you should be everyday. Take act | ion to get vour asthma un | der control. |
| | If peak flow meter used:to(| . · | |
| RED = DANGER ZONE | Take these medicines and GET | Γ HELP NOW | |
| Your asthma is bad: | Use QUICK RELIEVER | | |
| • Medicine is not helping within 10-20 minutes | 2 puffs 4 puffs | 6 puffs | 1 nebulizer treatment |
| •Breathing is hard and fast | If not better in 20 minutes, rep provider's office - dial 911 if n | - | ng to the hospital or |
| • Nose opens wide | My Asthma Triggers: Weather | Food Grass | Cockroach Particles |
| • Ribs show | Exercise Dust Air Pollu | _ = | _ ° |
| Trouble walkingTrouble talking | Colds Smoke Tree Pol | len Other | · |
| Trouble taiking | If peak flow meter used: Peak flow below | (below 50% of perso | nal best) |

STATE OF LOUISIANA

MEDICATION ORDER

TO BE COMPLETED BY LA, TX, AR, OR MS LICENSED PRESCRIBER (In most instances, medications will be administered by unlicensed personnel.)

| PART | 1: PARENT OR LEGAL | GUARDIAN TO COMPLETE. | | |
|-----------|-------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------|---------|
| Studen | t's Name | | Birthdate | |
| School | | | Grade | |
| Parent | or Legal Guardian Name (pr | rint): | ···· | |
| Parent | or Legal Guardian Signature | e: | Date: | |
| (Please | e note: A parental/legal guar | dian consent form must also be f | Date: | |
| | 2: LICENSED PRESCRIBE | | | |
| 1. | Relevant Diagnosis(es) |): | | |
| 2. 3. | Student's General Heal | ith Status: | | |
| 3. 4. | Strength of medication: | Dosage | e (amount to be given): | |
| ٦. | Chack Pouto: D By m | nouth D By inhalation D O | ther | |
| | | | each dose | |
| | Frequency | Time or | each dose | |
| | School medication orde | ers shall be limited to medication | that cannot be administered before or after | r |
| | school hours. Special | circumstances must be approved | l by school nurse. | |
| 5. | Duration of medication | order: Until end of school term | n 🗅 Other | |
| 6. | Desired Effect: | | | |
| 7. | Possible side-effects of | f medication: | | |
| 8. | Any contraindications for | or administering medication: | | |
| 9. | Other medications bein | ig taken by student when not at s | chool: | |
| | | | | |
| 40 | | | | |
| 10. | Next visit is: | | | |
| | | | | |
| Prescrib | per's Name (Printed) | Address | Phone and Fax Numbers | |
| - | | | | |
| Prescrib | er's Signature | Credential (i.e., MD, | NP, DDS) Date | |
| Each me | dication order must be written on a | separate order form. Any future changes | s in directions for medication ordered require new | |
| medicatio | | | g original to the school. Orders to discontinue also m | iust be |
| written. | 3: LICENSED PRESCRIBE | R TO COMPLETE AS APPROP | RIATE | |
| . , | o. Lightight integrabl | Inhalants / Emergency D | | |
| | Release Form for S | | Medication on His/Her Person | |
| l lee thi | s space only for students wh | no will solf administer medication | such as asthma inhalor | |
| | • | no will self-administer medication | | |
| 1. | | for self-administration training? | ☐ Yes ☐ No | |
| 2. | | | staff and demonstrated competence in self self-administer his/her medication at schoo | |
| | provided that the school nu | rse has determined it is safe and | appropriate for this student in his/her parti | icular |
| | school setting? Yes | □ No | | |
| 3. | If training has not occurred, | , may the school nurse conduct a | training program? □Yes □ No | |
| | | | | |
| | Licensed Provider's Signatu | ure | Date | |
| | | | × ** | |

PEFR Chart for Asthma Action Plan

Peak Expiratory Flow Rate: Zone ranges rounded to the nearest five liters per minute.

| Height in | Height in | Predicted or | Green Zone | Yellow Zone | Red Zone |
|-----------------------|-------------|---------------|------------|-------------|-----------|
| Inches or Feet | Centimeters | Personal Best | (80-100%) | (50-80%) | (<50%) |
| | | 100 | 80 to 100 | 50 to 80 | Below 50 |
| | | 120 | 100 to 120 | 60 to 100 | Below 60 |
| 39" or 3'3" | 100 | 140 | 110 to 140 | 70 to 110 | Below 70 |
| 41" or 3'5" | 105 | 160 | 130 to 160 | 80 to 130 | Below 80 |
| 43" or 3'7" | 110 | 180 | 145 to 180 | 90 to 145 | Below 90 |
| 45" or 3'9" | 115 | 200 | 160 to 200 | 100 to 160 | Below 100 |
| 47" or 3'11" | 120 | 220 | 175 to 220 | 110 to 175 | Below 110 |
| 49" or 4'1" | 125 | 240 | 190 to 240 | 120 to 190 | Below 120 |
| 51" or 4'3" | 130 | 260 | 210 to 260 | 130 to 210 | Below 130 |
| 53" or 4'5" | 135 | 280 | 225 to 280 | 140 to225 | Below 140 |
| 55" or 4'7" | 140 | 300 | 240 to 300 | 150 to 240 | Below 150 |
| 56" or 4'8" | | 320 | 255 to 320 | 160 to 255 | Below 160 |
| 57' or 4'9" | 145 | 330 | 265 to 330 | 165 to 260 | Below 165 |
| 58" or 4'10" | | 340 | 270 to 340 | 170 to 270 | Below 170 |
| 59" or 4'11" | 150 | 360 | 290 to 360 | 180 to 290 | Below 180 |
| 60" or 5' | | 380 | 300 to 380 | 190 to 300 | Below 190 |
| 61 or 5'1" | 155 | 390 | 310 to 390 | 195 to 310 | Below 195 |
| 62 or 5'2" | | 400 | 320 to 400 | 200 to 320 | Below 200 |
| 63 or 5'3" | 160 | 420 | 335 to 420 | 210 to 335 | Below 210 |
| 64 or 5'4" | | 440 | 350 to 440 | 220 to 350 | Below 220 |
| 65 or 5'5" | 165 | 450 | 360 to 450 | 225 to 360 | Below 225 |
| 66 or 5'6" | | 460 | 370 to 460 | 230 to 370 | Below 230 |
| 67 or 5'7" | 170 | 480 | 385 to 480 | 240 to 385 | Below 240 |
| 68 or 5'8" | | 500 | 400 to 500 | 250 to 400 | Below 250 |
| 69 or 5'9" | 175 | 520 | 415 to 520 | 260 to 415 | Below 260 |
| 70 or 5'10" | | 540 | 430 to 540 | 270 to 430 | Below 270 |
| 71 or 5'11" | 180 | 560 | 450 to 560 | 280 to 450 | Below 280 |

Asthma Questionnaire

Directions: Caregivers, please answer the Asthma Questionnaire and provide to your doctor at each doctor's visit.

Hospital/Emergency Room

| Have you/your child ever been to an emergency room for Asthma? | ☐ Yes ☐ No |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Have you/your child been to an emergency room for asthma in the past six months? | ☐ Yes ☐ No |
| Have you/your child ever spent the night in a hospital because of asthma? | ☐ Yes ☐ No |
| Have you/your child spent the night in a hospital because of asthma in the past year? | ☐ Yes ☐ No |
| Have you/your child ever been in an Intensive Care Unit for asthma? | ☐ Yes ☐ No |
| Have you/your child ever needed a breathing tube (been intubated) because of asthma? | ☐ Yes ☐ No |
| Medications | |
| Have you/your child taken steroids by mouth (Prednisone, Orapred, Medrol) for asthma? | ☐ Yes ☐ No |
| Have you/your child taken steroids by mouth in the <u>past year</u> ? | ☐ Yes ☐ No |
| Have you/your child taken steroids by mouth in the <u>past six months</u> ? | ☐ Yes ☐ No |
| Have you/your child taken steroids by mouth two times or more in the past year? | ☐ Yes ☐ No |
| Tobacco Use | |
| Do you smoke? | ☐ Yes ☐ No |
| Does anyone in your home smoke? | ☐ Yes ☐ No |
| Is there anywhere else you/your child are often around people who are smoking? | ☐ Yes ☐ No |
| Preventive Measures | |
| Did you/your child get the regular flu vaccine this year? | ☐ Yes ☐ No |
| Do you/your child have a written Asthma Action Plan? | ☐ Yes ☐ No |
| Triggers | |
| Please check anything that is a trigger for you/ your child's asthma or allergies: | |
| ☐ Animals ☐ Food ☐ Weather ☐ Grass ☐ Cockroach Particles ☐ Exercise ☐ Dust ☐ Air Pollution ☐ Mold ☐ Fragrances ☐ Colds ☐ Smoke ☐ Tree Pollen ☐ Other | |

Environmental History for Pediatric Asthma Patient

Specify that questions related to the child's home also apply to other indoor environments where the child spends time, including school, daycare, car, school bus, work and recreational facilities.

| T | ☐ Yes ☐ No ☐ Not sure |
|--------------------------------------------------------------------------------|-----------------------------------------------|
| Is your child's asthma worse at night? | |
| Is your child's asthma worse at specific locations? | ☐ Yes ☐ No ☐ Not sure |
| If so, where? | |
| Is your child's asthma worse during a particular season? | ☐ Yes ☐ No ☐ Not sure |
| If so, which one? | |
| Is your child's asthma worse with a particular change in climate? | ☐ Yes ☐ No ☐ Not sure |
| If so, which? | |
| Can you identify any specific trigger(s) that makes your child's asthma worse? | \square Yes \square No \square Not sure |
| If so, what? | |
| Have you noticed whether dust exposure makes your child's asthma worse? | \square Yes \square No \square Not sure |
| Does your child sleep with stuffed animals? | \square Yes \square No \square Not sure |
| Is there wall-to-wall carpet in your child's bedroom? | \square Yes \square No \square Not sure |
| Have you used any means for dust mite control? | ☐ Yes ☐ No ☐ Not sure |
| If so, which ones? | |
| Do you have any furry pets? | ☐ Yes ☐ No ☐ Not sure |
| Do you see evidence of rats or mice in your home weekly? | ☐ Yes ☐ No ☐ Not sure |
| Do you see cockroaches in your home daily? | ☐ Yes ☐ No ☐ Not sure |
| Do any family members, caregivers or friends smoke? | ☐ Yes ☐ No ☐ Not sure |
| Does this person(s) have an interest or desire to quit? | ☐ Yes ☐ No ☐ Not sure |
| Does your child/teenager smoke? | ☐ Yes ☐ No ☐ Not sure |
| Do you see or smell mold/mildew in your home? | ☐ Yes ☐ No ☐ Not sure |
| Is there evidence of water damage in your home? | ☐ Yes ☐ No ☐ Not sure |
| Do you use a humidifier or swamp cooler? | ☐ Yes ☐ No ☐ Not sure |
| Have you had new carpets, paint, floor refinishing, or other changes at | ☐ Yes ☐ No ☐ Not sure |
| your house in the past year? | |
| Does your child or another family member have a hobby that uses | ☐ Yes ☐ No ☐ Not sure |
| materials that are toxic or give off fumes? | |
| Has outdoor air pollution ever made your child's asthma worse? | ☐ Yes ☐ No ☐ Not sure |
| Does your child limit outdoor activities during a Code Orange or Code Red | ☐ Yes ☐ No ☐ Not sure |
| air quality alert for ozone or particle pollution? | |
| Do you use a wood burning fireplace or stove? | ☐ Yes ☐ No ☐ Not sure |
| Do you use unvented appliances such as a gas stove for heating your home? | ☐ Yes ☐ No ☐ Not sure |
| Does your child have contact with other irritants? | ☐ Yes ☐ No ☐ Not sure |
| (e.g. nerfumes cleaning agents or sprays) | |

Take the Asthma Action Control Test (ACT)

For Patients 12 Years and Older. Know your score. Share results with your doctor.

Step 1: Write the number of each answer in the score box provided.

Step 2: Add up the score boxes for your total.

Step 3: Take the test to the doctor to talk about your score.

| 1. In the past | four | r weeks, h | ow n | nuch of the | e time | e did your | asth | ma keep y | you | |
|----------------------------------|--------|-----------------------------------|--------|-----------------------------|---------|----------------------|----------------|---------------------|------|-------|
| from getting | ng as | much dor | ne at | work, sch | ool o | r home? | | | | Score |
| All of the time | 1 | Most of the time | 2 | Some of the time | 3 | A little of the time | 4 | None of the time | 5 | |
| 2. During the | past | t four wee | ks, h | ow often l | have | you had sl | hortn | ess of brea | ath? | |
| More than once a day | 1 | Once a day | 2 | 3 - 6 times a week | 3 | Once or twice a week | 4 | Not at all | 5 | |
| 3. During the | e past | t four wee | ks, h | ow often | did yo | our asthm | ı a syı | mptoms | | |
| (wheezing | , cou | ghing, sho | rnes | s of breath | n, che | st tighnes | s or p | oain) wake | you | |
| up at night | t or e | arlier than | usua | al in the m | ornin | ıg? | | | | |
| 4 or more nights a week | 1 | 2 or 3 nights a week | 2 | Once a week | 3 | Once or twice | 4 | Not at all | 5 | |
| | | | | | | | | • | | |
| 4. During the | • | | | | | you used y | your | rescue inh | aler | |
| or nebulize | er me | , | such | | ol)? | | | | | |
| 3 or more times per day | 1 | 1 or 2 times per day | 2 | 2 or 3 times per week | 3 | Once a week or le | ss 4 | Not at all | 5 | |
| - ** 1 | 1 | | 4. | 1 . | .1 | . 6 | | | | |
| 5. How woul | d yo | u rate you | r astl | nma durin | g the | past four | · wee | eks? | | |
| Not controlled at all | 1 | Poorly controlled | 2 | Somewhat controlled | 3 | Well controlled | 4 | Complete controlled | | |
| | | | | | | | | | | Total |
| Copywrite 2002 Asthma Control | | ualityMetric Inc a Trademark o | | | porated | | | | | |

If your score is 19 or less, your asthma may not be controlled as well as it could be. Talk to your doctor.

FOR PHYSCIANS: The ACT is:

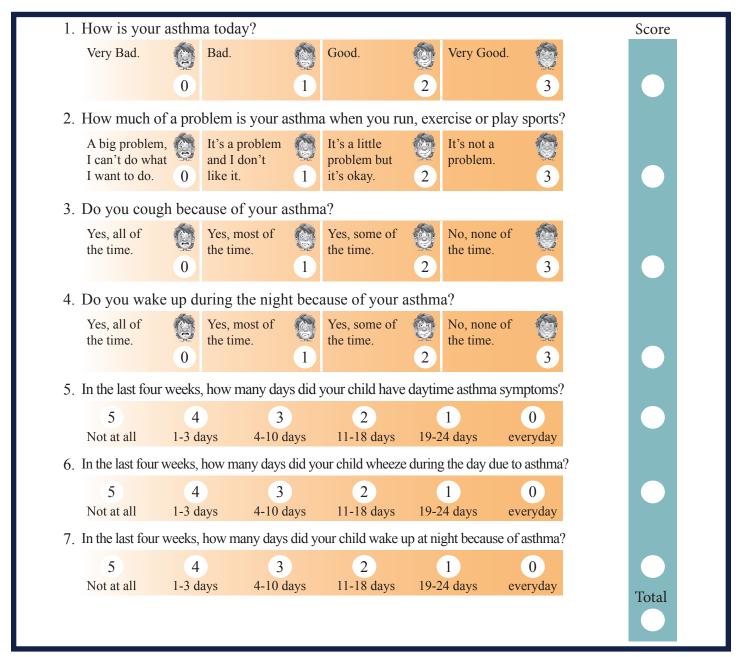
- A simple 5-question tool that is self administered by the patient
- Recognised by the National Institutes of Health
- Clinically validated by specialist assesment and spirometry¹

Reference 1. Nathan RA et al. J Allergy Clin Immunal. 2004; 113:59-65

Childhood Asthma Action Control Test

For Children 4 to 11 Years Old.

- Step 1: Let your child respond to the first **four questions (1 to 4).** If your child needs help reading and/or understanding the questions, you may help, but let your child select the reponse. Complete the remaining **three questions (5 to 7)** on your own and without letting your child's responses influence your answers.
- Step 2: Write the number of each answer in the score box provided.
- Step 3: Add up the score boxes for your total.
- Step 4: Take the test to the doctor to talk about your child's total score.



If your child's score is **19 or less**, it may be a sign that your child's asthma is not controlled as well as it could be. Bring this test to a doctor to talk about the results.

Test for Respiratory and Asthma Control in Kids (TRACK)

For Kids Under 5 Years of Age

What is TRACK?

TRACK is a simple five-question test that can help assess respiratory and asthma control in patients between the age of 12 months and five years. It addresses both the risk and impairment domains outlined in the NHLBI/ NAEPP-3 Asthma Guidelines. TRACK is designed to be used by caregivers and interpreted by medical professionals.

Who Should use TRACK?

- The simple test can help determine if your child's breathing problems are not under control. The test was designed for children who
- Are younger than five years of age AND
- Have a history of two or more episodes of wheezing, shortness of breath, or cough lasting more than 24 hours AND
- Have been previously prescribed bronchodilator medicine, also known as quick-relief medications (eg.
 Albuterol, Ventolin, Proventil, Maxair, ProAir, or Xopenex) for respiratory or asthma control, this is NOT
 a diagnostic test.

How to Take TRACK

- Step 1: Write the number of your answer in the score box provided to the right of each question.
- Step 2: Add up the numbers in the individual score boxes to obtain your child's total score.
- Step 3: Take the test to your child's health care provider to talk about your child's total TRACK score.

Test for Respiratory and Asthma Control in Kids (TRACK)

| 0 1 | ŕ | v often was your c hortness of breath? | • | reathing problems, | Sc |
|------------------|---------------------|-----------------------------------------------------------------|-----------------------|-------------------------------------------------------|----|
| 20 Not at all | Once or twice | Once every week | 5 2-3 times a week | 0 4+ times a week | |
| - | | v often did your ch ake him or her up | | oblems, (wheezing, | |
| 20 Not at all | Once or twice | Once every week | 5 2-3 times a week | 0 4+ times a week | |
| wheezing, coug | ghing, or shortness | , | e with his or her a | g problems, such as bility to play, go to or her age? | |
| 20 Not at all | 15 Slightly | 10 Moderately | Quite a Lot | 0 Extremely | |
| problems (whe | ezing, coughing, s | now often did you is shortness of breath Maxair®, ProAir® |) with quick-relief | medications | |
| 20 Not at all | Once or twice | Once every week | 5 2-3 times a week | 0 4+ times a week | |
| (prednisone, pr | · · | voften did your ch red®, Prelone® or I ons? | | | |
| 20 Never | 15 Once | 10 Twice | 5 3 times | 0 4+ times | |
| | | | | | To |



About Asthma

Asthma is a serious chronic lung disease and cannot be cured. However, by taking medicine and making changes to your environment it can be controlled. The basic cause of asthma is not yet known, but it tends to run in families. It is common in children or adults with allergies and if not treated correctly, can result in death. Currently, 12 percent of children in Louisiana have asthma, and it is the top reason children miss school.

What Causes Asthma Episodes?

Triggers such as allergies, colds, tobacco smoke or exercise can cause asthma episodes. Eighty percent of people who have asthma have allergies to airborne substances such as:

- Tree Pollen
- Grass
- Weeds
- Mold
- · Animal dander
- Dust mites
- Cockroach particles
- Tobacco smoke

The Main Signs and Symptoms of Asthma Are:

Asthma episodes rarely come on suddenly. Often, there are clues or early warning signs that an episode may occur. Some early warning signs may be runny nose, coughing, shortness of breath, inability to sleep at night, inability to exercise, prolonged respiratory infections or decrease of lung capacity. The Main Signs and Symptoms of asthma are:

- Coughing
- Shortness of breath
- Wheezing
- · Tightness of chest
- Waking up at night with symptoms
- Coughing with exercise
- Coughing more than two weeks or wheezing after viral infections

What Happens During an Asthma Attack?

During an Asthma Episode, a Person has Difficulty Breathing Because:

- The lining of the airways become swollen
- The muscles around the airways tighten, making the airways smaller
- Thick mucus forms, blocking small airways

Warning Signs of an Asthma Attack

- Breathing very quickly
- · Becoming hunched over
- Severe wheezing
- Nostrils open wider with each breath
- · Hard time walking, talking or eating
- The skin between the ribs is pulled tight
- Lips, skin or fingernails are blue
- Quick relief medicine is not working after 20 minutes

How to Avoid an Asthma Attack

- Refer to your asthma action plan, developed by your doctor
- Take quick relief medications as needed or prescribed by your doctor
- Asthma episodes may be prevented by avoiding asthma triggers and taking a controller medicine, if prescribed by your doctor
- If your child's asthma action plan includes a daily controller medicine, be sure to take it every day, even when your child doesn't feel sick.

Taking Control of Your Asthma

Good asthma control means the child is able to:

- Play and exercise when the child wants
- Sleep through the night without coughing or wheezing
- Avoid urgent visits to the doctors and no hospitalization because of asthma

The Asthma Action Plan - What Does It Mean?

How the parent, physician and teacher can monitor your child's asthma.



GREEN Asthma Zone:

Child is Under Control

This zone means the child has no signs of asthma, which includes no coughing, no wheezing, no fast breathing and the child is playing with no problems.

YELLOW Asthma Zone:

Follow Treatment in Asthma Action Plan This zone means the child is having signs such as coughing, wheezing, cold symptoms or coughing at night.

RED Asthma Zone:

SEEK EMERGENCY HELP!

This zone means medicine has not helped within 10-20 minutes, and the child is experiencing fast breathing, trouble walking and talking, lips and/or fingernails blue.

Spray Inhaler with a Tube Type Spacer or Holding Chamber



Take off cap and Make sure opening is clean. Shake inhaler five seconds.

Step 1



Step 5

Start to take a slow deep breath. If you hear a whistle, breathe slower, but keep taking a deep breath. Do not breathe through your nose.



Put inhaler into spacer.



Step 6

Take the spacer out of your mouth and hold your breath. Count to 10 slowly.



Step 2

Breathe out all the air in your lungs.



Step 7

Breathe out slowly, like cooling soup on a spoon.



Put spacer in your mouth and close lips tightly around the mouthpiece. Spray one puff of medicine into the spacer.

Best to use inhalers with a spacer.

More medicine will get into the lungs and less will get on your tongue and throat.

Use more than one puff of medicine? Wait at least 30 seconds between puffs.

Using a Spacer with a Facemask



Take off inhaler cap and make sure opening is clean. Shake inhaler five seconds.

Step 1



Put inhaler into open end of spacer.

Step 2



Put mask over the nose AND mouth. Press against the face gently so no air or medicine escapes.

Step 3



Spray one puff of medicine and hold the mask in place.

Step 4



Breathe in and out six times.

Step 5

Best to use inhalers with a spacer.

More medicine will get into the lungs and less will get on your tongue and throat.

Use more than one puff of medicine? Wait at least 30 seconds between puffs.

Dry Powder Inhaler (DPI): Twishaler



Open Inhaler: Hold inhaler straight up with pink base on bottom.

Step 1



Inhale Dose: Hold base and twist white cap to the left. The dose counter counts down by one as you twist off the white cap.

Step 2



Turn head and breathe out.





Close lips tight around the mouthpiece and take a deep, fast breath. Hold the inhaler horizontal.

Step 4



Take inhaler out of your mouth and hold breath for 10 seconds. Replace the cap on the inhaler and twist to the right until it clicks. It must be fully closed to load the next dose. Be sure the arrow on the cap is lined up with the dose counter on pink base.

Step 5

Repeat each step everytime you take a dose.

Dry Powder Inhaler (DPI): Flexhaler

First time use: Prime inhaler two times. Do the loading steps 1, 2 and 3 below.

Load the Dose



Hold straight up and twist off white cap.

Inhale the Dose



Step 1

out. Do not blow into the inhaler.

Turn face away and breathe

Step 1



Twist brown base to the right.



Step 2

Put your lips around the mouthpiece. Breathe in deeply and forcefully. Hold inhaler straight up or sideways. Do not tip or you will lose dose.





Step 3

Twist brown base to the left until you hear a click.



Step 3



Inhaler is empty when the number "0" shows in the middle of the red background. Rinse mouth after use.



It is best to use inhalers with a spacer. More medicine will get into the lungs and less will get on your tongue and throat. If you don't use a spacer, here are two ways to use your inhaler.





Spray Inhaler with Open Mouth

- 1. Take off cap and make sure opening is clean. Shake five seconds.
- 2. Breathe out all the air in your lungs.
- 3. Hold the inhaler two finger widths away.
- As you start to breathe in through your mouth, push down on the top of the inhaler and keep taking a slow, deep breath.
- 5. Hold breath for 10 seconds.
- 6. Breathe slowly through pursed lips (like cooling soup on a spoon).



Spray Inhaler in Mouth

- 1. Take off cap and make sure opening is clean. Shake five seconds.
- 2. Breathe out all the air in your lungs.
- 3. Put inhaler in your mouth and close lips tightly around the opening of the inhaler.
- 4. As you start to breathe in through your mouth, push down on the top of the inhaler and keep taking a slow deep breath.
- 5. Hold breath for 10 seconds.
- 6. Breathe slowly through pursed lips (like cooling soup on a spoon).

Use more than one puff of medicine? Wait at least 30 seconds between puffs.

Nebulizer Medicine



Getting Ready



Put the nebulizer compressor (machine) on a hard surface and plug machine into outlet.

Step 1



Unscrew top of nebulizer.

Step 2



Put a dose of medicine in the nebulizer cup.

Step 3



Put top of nebulizer back on and turn until tight.

Step 4



Put mouthpiece onto nebulizer with valve facing down (outlet away from eyes).

Step 5



Press the tubing firmly to the bottom of the nebulizer.

Step 6



Attach opposite end of tubing to machine's outlet port.

Step 7

Nebulizer Medicine

Using the Nebulizer



Turn compressor (machine) on.

Step 8



Look at mouthpiece to see if there is a steady mist.

Step 9



Put mouthpiece between teeth and top of tongue.

Step 10

Breathe in through mouth.



Step 11

Use a mask if you cannot breathe through your mouth. Blowing medicine in the face is not a good way to get medicine into the lungs.



After medicine is gone, turn compressor off.

Step 12



Clean nebulizer parts with hot soapy water, or vinegar and hot water.

Step 13

Tips: Do not wash tubing. Change when it looks wet or dirty. Change filter on machine when it turns gray or looks dirty. Rinse mouth after using inhaled steroid in nebulizer.

Dry Powder Inhaler (DPI): Diskus



Getting Ready



Step 1

Open: Keep diskus level in one hand. Put thumb of your other hand on grip and push away until the mouthpiece appears and snaps into place.



Step 2

Click: Slide lever away from you as far as it will go until you hear or feel a "click". Hold the diskus level and do not tip, or you will lose the dose.



Step 3

Breathe Out: Turn face away and breathe out.

Do not blow into the diskus.



Step 4

Inhale: Put the mouthpiece between your lips.
Breathe in quickly and deeply through the diskus.
Hold your breath for 10 seconds.



Step 5

Close the diskus, then blow out gently.



Step 6

Rinse mouth with water, gargle and spit.

Do not swallow.

Take only one breath each time.

The counter on the side shows how many doses are left: One month = 60 doses. 14 days = 28 doses

Peak Flow Meter

Get Ready: Get a pencil and your peak flow chart.



Slide the marker down as far as it will go. This sets the meter to zero.

Step 1



Step 2

Stand up and take a deep breath with your mouth open. Hold the meter. Keep your fingers away from the numbers.



Step 3

Close your lips around the tube. Do not put your tongue in the hole. Blow one time as fast and hard as you can.

The marker will go up and stay up. Do not touch the marker. Find the number where the marker stopped.



Step 4

Step 5



Step 6

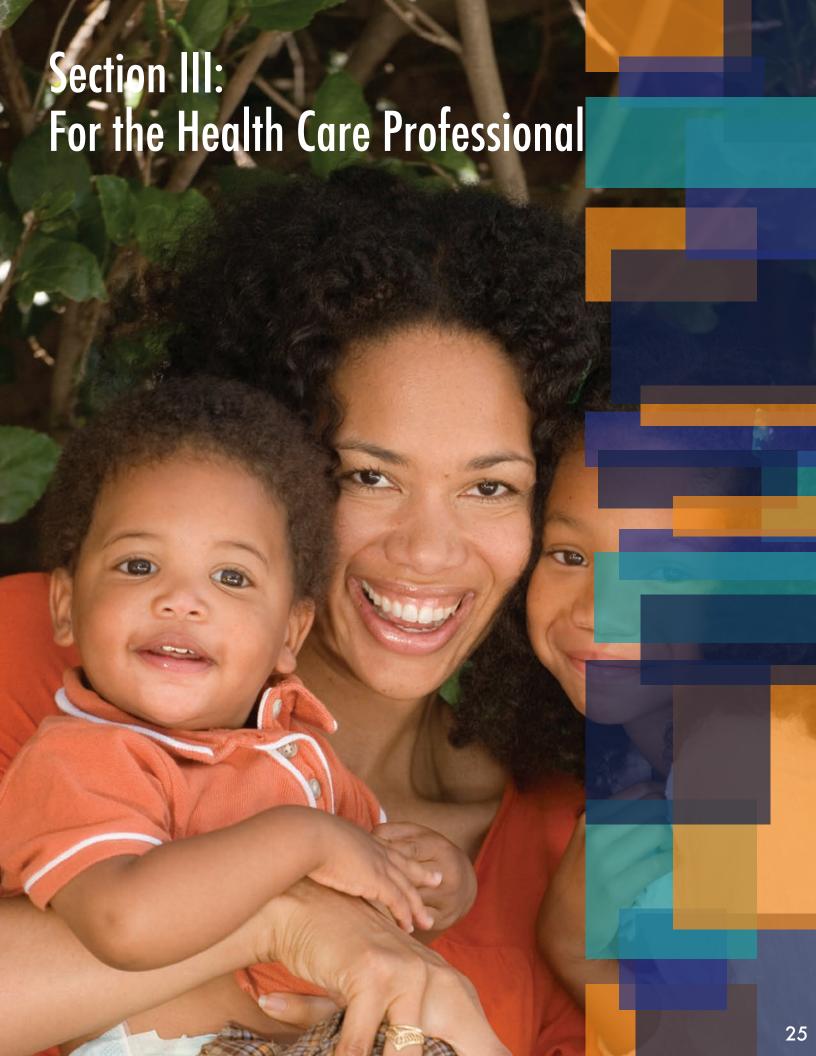
Blow two more times. Slide the marker down each time. Write the number down each time.

Write down the number.



Step 7

Keep the highest number on a chart. Do this for one to two weeks. Show your doctor, nurse or asthma educator.



Asthma Quality of Care Measures

Outpatients

In 2007, the National Committee for Quality Assurance (NCQA) and the Physician Consortium for Performance Improvement (PCPI) created clinical measures for the treatment and management of asthma, based on the NAEPP EPR-3 Guidelines. These are the indicators for the ambulatory care setting; each is based on a one-year period and is for any patient with asthma between ages five and 50.

Measure #1: Percentage of patients with a diagnosis of asthma who were evaluated at least once for asthma control (comprising asthma impairment and risk).

Documentation of impairment → daytime symptoms AND nighttime awakenings AND interference with normal activities AND short-acting beta-agonist use for symptom control AS WELL AS documentation of asthma risk → the number of asthma exacerbations requiring oral corticosteroids in the past 12 months.

Measure #2: Percentage of patients with a diagnosis of asthma who were queried about tobacco use and exposure to secondhand smoke in their home environments at least once.

Measure #3: Percentage of patients with a diagnosis of asthma who were identified as tobacco users or as exposed to ETS at home who received tobacco cessation intervention.

Providing cessation interventions to a pediatric patient's primary caregiver is counted even if the primary caregiver is not the smoker in the home.

Measure #4: Percentage of patients with a diagnosis of persistent asthma who were prescribed long-term control medication.

Will be determined as those prescribed inhaled corticosteroids (ICS), those prescribed non-ICS, and total prescribed any controller. Documentation of a patient's reason for not prescribing a controller also "counts".

Measure #5: Percentage of patients identified as having persistent asthma whose asthma medication ratio was ≥ 0.5 .

<u>Controller Medications</u> = Medication Ratio

A higher ratio means that short-acting bronchodilators are not being overused and is associated with better asthma outcomes as well as reduced emergency room visits and hospitalizations.

Asthma Quality of Care Measures

Hospitalized or ED Patients

In 2007, the National Committee for Quality Assurance (NCQA) and the Physician Consortium for Performance Improvement (PCPI) created clinical measures for the treatment and management of asthma, based on the NAEPP EPR-3 Guidelines. These are the indicators for the hospital or emergency department setting; each is based on a one year period and is for any patient with asthma between the ages of five and 50 years.

Measure #6: Percentage of patients with an emergency department visit or an inpatient admission for an asthma exacerbation who were evaluated for asthma risk.

Asthma risk \rightarrow the number of asthma exacerbations requiring oral corticosteroids in the past 12 months. Patients with ≥ 2 two exacerbations requiring steroids in the past 12 months are categorized as persistent and recommended to be prescribed a long-term controller.

Measure #7: Percentage of patients with an emergency department (ED) visit or an inpatient admission for an asthma exacerbation who are discharged from the emergency department OR inpatient setting with an asthma discharge plan.

Clinicians, before patients discharge from the ED or hospital, should provide patients with necessary medications and education on how to use them, referral for a follow-up appointment, and instruction in an ED asthma discharge plan for recognizing and managing relapse of the exacerbation or recurrence of airflow obstruction.

Summary of the NAEPP's EPR-3: Guidelines for the Diagnosis and Management of Asthma

Consider the Diagnosis of Asthma if:

- Patient has recurrent episodes of cough, wheeze, shortness of breath, or chest tightness.
- Symptoms occur or worsen at night, awakening the patient.
- Symptoms occur or worsen in the presence of factors known to precipitate asthma.
- Alternative diagnoses have been considered such as GERD (a common co-morbidity), airway anomaly, foreign body, cystic fibrosis, vocal cord dysfunction, TB or COPD. If diagnosis is in doubt, consider consulting an asthma specialist.



Confirm the Diagnosis of Asthma if:

• Spirometry demonstrates obstruction and reversibility by an increase in FEV1 of > 12% after bronchodilator (in all adults and children five years of age or older).



Assess Asthma Severity: Any of the following indicate persistent asthma

- Daytime symptoms > 2 days per week **OR**
- Awakens at night from asthma ≥ 2 times per month (age 0-4 years: ≥ 1 time per month) **OR**
- Limitation of activities, despite pretreatment for EIB OR
- Short-acting beta2-agonist (SABA) use for symptom control > 2 days per week (not prevention of EIB) OR
- 2 or more bursts oral corticosteroids in 1 year (age 0-4 years: ≥ 2 bursts oral corticosteroids in 6 months*) OR
- Age ≥ 5 years old: FEV1 less than 80% predicted OR FEV1/FVC ratio less than predicted normal range for age (see below)

*NOTE: For children age 0-4 years who had four or more episodes of wheezing during the previous year lasting > 1 day, check risk factors for persistent asthma. Risk factors include either (1) one of the following: parental history of asthma, a physician diagnosis of atopic dermatitis, or evidence of sensitization to aeroallergens, or (2) two of the following: evidence of sensitization to foods, > 4% peripheral blood eosinophilia, or wheezing apart from colds.



Treatment for Persistent Asthma: Daily inhaled corticosteroids (step 2 or higher), follow the stepwise approach. Assess response within 2-6 weeks.

Is asthma well controlled?

- 1. Daytime symptoms ≤ 2 days per week **AND**
- 2. Awakens at night from asthma ≤ 1 time per month (≥ 12 years old: ≤ 2 times per month) **AND**
- 3. No limitation of activities AND
- 4. SABA use for symptom control (not prevention of EIB) \leq 2 days per week **AND**
- 5. \leq 1 burst oral corticosteroids per year
- 6. FEV1 \geq 80% predicted

7. FEV,/FVC -

5-19 yrs \geq 85% 20-39 yrs \geq 80% 40-59 yrs \geq 75% 60-80 yrs \geq 70%



YES

Consider step down if well controlled for three consecutive months. Reassess every 3-6 months.



NO

Step up therapy. Reassess in 2-6 weeks. Continue to step up until well controlled.



Indications for asthma specialist consultation include: Asthma is unresponsive to therapy; asthma is not well controlled within 3-6 months of treatment; life-threatening asthma exacerbation; hospitalization for asthma; required > 2 bursts oral corticosteroids in one year; requires higher level step care (see Stepwise Approach, pages 30-31); immunotherapy is being considered.

Summary of the NAEPP's EPR-3: Guidelines for the Diagnosis and Management of Asthma

Quick Tips for All Patients with Asthma:

- Planned Asthma Visits: Every 1-6 months
- Environmental Control: Identify and avoid exposures such as tobacco smoke, pollens, molds, animal dander, cockroaches, and dust mites (Allergy testing recommended for anyone with persistent asthma who is exposed to perennial indoor allergens)
- Flu Vaccine: Recommend annually
- Spirometry (Not During Exacerbation): At diagnosis and at least every 1-2 years starting at age five years
- Asthma Control: Use tools such as $ACQ^{\mathbb{R}}$, $ACT^{\mathbb{T}}$ or $ATAQ^{\mathbb{C}}$ to assess asthma control
- Asthma Education: Review correct inhaled medication device technique at every visit
- Asthma Action Plan: At diagnosis; review and update at each visit
- SABA (e.g., inhaled albuterol): 1) for quick relief every 4-6 hours as needed (see step 1), 2) pretreat with 2 puffs for exercise-induced bronchospasm (EIB) 5 minutes before exercise
- Inhaled Corticosteroids (ICS): Preferred therapy for all patients with persistent asthma
- Oral Corticosteroids: Consider burst for acute exacerbation
- Valved Holding Chamber (VHC) or Spacer: Recommend for use with all metered dose inhalers (MDI)
- Mask: Recommend for use with VHCs or spacers and/or nebulizer for age < 5 years and anyone unable to use correct mouthpiece technique

Summary of the NAEPP's EPR-3: Stepwise Approach for Managing Asthma in Children and Adults

Intermittent Asthma (Step 1)

Persistent Asthma: Daily Medication (Steps 2-6)

Classifying asthma severity in patients not currently taking long-term control medication is a guide for selection of initial step therapy. Regularly monitoring the level of asthma control is a guide for adjusting therapy.

Step up as indicated and/or address possible poor adherence to medication. Reassess in 2 to 6 weeks.

Step down if well controlled for 3 months and reassess in 3-6 months.

(All long-acting beta-agonists (LABAs) and combination agents containing LABAs have a black box warning.)

Step 1

All Ages

Preferred: SABA every 4-6 hours prn.
If used more than 2 days

per week (other than for EIB) consider inadequate control and the need to step up treatment.

Step 2

Age 0-4 yrs

Preferred: Low dose ICS

Alternative: Cromolyn or

Montelukast Consider

consulting an asthma

specialist

Age 5-11 yrs

Preferred: Low dose ICS

Alternative: Cromolyn,

LTRA Nedocromil or

Theophylline +

Consider immunotherapy if

patient has allergic asthma

Age > 12 yrs

Preferred: Low dose ICS

Alternative: Cromolyn,

LTRA Nedocromil or

Theophylline +

Consider immunotherapy if

patient has allergic asthma

Step 3

Age 0-4 yrs

Preferred: Medium dose

ICS + Consult an

asthma specialist

Age 5-11 yrs

Preferred: either low dose

ICS + either LABA, LTRA

or Theophylline OR medium

dose ICS + Consider

immunotherapy if patient

has allergic asthma +

Consider consulting an

asthma specialist

Age > 12yrs

Preferred: Low dose

ICS + LABA OR Medium

dose ICS

Alternative: Low dose ICS

+ either LTRA, Zileuton,

or Theophylline +

Consider immunotherapy if

patient has allergic asthma

+ Consider consulting an

asthma specialist

Summary of the NAEPP's EPR-3: Stepwise Approach for Managing Asthma in Children and Adults

Persistent Asthma: Daily Medication (Steps 2-6)

Step up as indicated and/or address possible poor adherence to medication. Reassess in 2 to 6 weeks.

Step down if well controlled for 3 months and reassess in 3-6 months.

(All long-acting beta-agonists (LABAs) and combination agents containing LABAs have a black box warning.)

Step 6

Step 4

Age 0-4 yrs

Preferred: Medium dose

ICS + either LABA or

Montelukast +

Consult an asthma specialist

Age 5-11 yrs

Preferred: Medium dose

ICS + LABA

Alternative: Medium dose

ICS + either LTRA or

Theophylline +

Consider immunotherapy if

patient has allergic asthma +

Consult an asthma specialist

Age >12yrs

Preferred: Medium dose

ICS + LABA

Alternative: Medium dose

ICS + either LTRA or

Theophylline or Zileuton +

Consider immunotherapy if

patient has allergic asthma +

Consult an asthma specialist

Step 5

Age 0-4 yrs

Preferred: High dose ICS +

either LABA or

Montelukast +

Consult an asthma specialist

Age 5-11 yrs

Preferred: High dose ICS +

LABA

Alternative: High dose

ICS + either LTRA or

Theophylline +

Consult an asthma specialist

Age > 12 yrs

Preferred: High dose ICS +

LABA + Consider

Omalizumab for patients

who have allergies +

Consult an asthma specialist

Age 0-4 yrs

Preferred: High dose ICS +

either LABA or

Montelukast + Oral

systemic corticosteroid +

Consult an asthma specialist

Age 5-11 yrs

Preferred: High dose ICS +

LABA + Oral

systemic corticosteroid

Alternative: High dose ICS

+ LTRA or Theophylline +

Oral systemic corticosteroid +

Consult an asthma specialist

Age > 12yrs

Preferred: High dose ICS +

LABA + Oral systemic

corticosteroid +

Consider Omalizumab for

patients who have allergies +

Consult an asthma specialist

Produced by the California Asthma Public Health Initiative (CAPHI) in association with CAPHI's Improving Asthma Control collaborative. Summarized from the NAEPP EPR-3: www.nhlbi.nih.gov/guidelines/asthma. Adapted from Colorado Clinical Guidelines Collaborative

(www.coloradoguidelines.org/guidelines/asthma.asp). This summary of NAEPP's guidelines is designed to assist the clinician in the diagnosis and management of asthma and is not intended to replace the clinician's judgment or establish a protocol for all patients with a particular condition. Additional copies of the summary and other asthma resources available at www.betterasthmacare.org. Permission to reprint granted if unaltered. Revised: September 2008

Estimated Comparative Daily Dosages for Inhaled Corticosteroids

Low Daily Dose

| Dung | Child 0-4 | Child 5-11 | Child ≥ 12 Years | |
|----------------------------------------|-------------|-------------|------------------|--|
| Drug | Years Old | Years Old | Old and Adults | |
| Beclomethasone HFA | | | | |
| 40 or 80 mcg/puff | NA | 80-160 mcg | 80-240 mcg | |
| Budesonide DPI | | | | |
| 90, 180, or 200 mcg/inhalation | NA | 180-400 mcg | 180-600 mcg | |
| Budesonide Inhaled | | | | |
| Inhalation suspension for nebulization | 0.25-0.5 mg | 0.5 mg | NA | |
| Flunisolide | | | | |
| 250 mcg/puff | NA | 500-750 mcg | 500-1,000 mcg | |
| Flunisolide HFA | | | | |
| 80 mcg/puff | NA | 160 mcg | 320 mcg | |
| Fluticasone HFA/MDI | | | | |
| 44, 110, or 220 mcg/puff | 176 mcg | 88-176 mcg | 88-264 mcg | |
| Fluticasone DPI | | | | |
| 50, 100, or 250 mcg/inhalation | NA | 100-200 mcg | 100-300 mcg | |
| Mometasone DPI | | | | |
| 200 mcg/inhalation | NA | NA | 200 mcg | |
| Triamcinolone acetonide | | | | |
| 75 mcg/puff | NA | 300-600 mcg | 300-750 mcg | |

Key: DPI, dry power inhaler; HFA, hydrofluoroalkane; MDI, metered-dose inhaler; NA, not available (either not approved, no data available)

Estimated Comparative Daily Dosages for Inhaled Corticosteroids

Medium Daily Dose

| Dung | Child 0-4 | Child 5-11 | Child ≥ 12 Years | |
|----------------------------------------|--------------|-----------------|------------------|--|
| Drug | Years Old | Years Old | Old and Adults | |
| Beclomethasone HFA | | | | |
| 40 or 80 mcg/puff | NA | >160-320 mcg | >240-480 mcg | |
| Budesonide DPI | | | | |
| 90, 180, or 200 mcg/inhalation | NA | >400-800 mcg | >600-1,200 mcg | |
| Budesonide Inhaled | | | | |
| Inhalation suspension for nebulization | >0.5-1.0 mg | 1.0 mg | NA | |
| Flunisolide | | | | |
| 250 mcg/puff | NA | 1,000-1,250 mcg | >1,000-2,000 mcg | |
| Flunisolide HFA | | | | |
| 80 mcg/puff | NA | 320 mcg | >320-640 mcg | |
| Fluticasone HFA/MDI | | | | |
| 44, 110, or 220 mcg/puff | >176-352 mcg | >176-352 mcg | >264-440 mcg | |
| Fluticasone DPI | | | | |
| 50, 100, or 250 mcg/inhalation | NA | >200-400 mcg | >300-500 mcg | |
| Mometasone DPI | | | | |
| 200 mcg/inhalation | NA | NA | 400 mcg | |
| Triamcinolone acetonide | | | | |
| 75 mcg/puff | NA | >600-900 mcg | >750-1,500 mcg | |

Key: DPI, dry power inhaler; HFA, hydrofluoroalkane; MDI, metered-dose inhaler; NA, not available (either not approved, no data available)

Estimated Comparative Daily Dosages for Inhaled Corticosteroids

High Daily Dose

| Dung | Child 0-4 | Child 5-11 | Child ≥ 12 Years |
|----------------------------------------|-----------|------------|------------------|
| Drug | Years Old | Years Old | Old and Adults |
| Beclomethasone HFA | | | |
| 40 or 80 mcg/puff | NA | >320 mcg | >480 mcg |
| Budesonide DPI | | | |
| 90, 180, or 200 mcg/inhalation | NA | >800 mcg | >1,200 mcg |
| Budesonide Inhaled | | | |
| Inhalation suspension for nebulization | >1.0 mg | 2.0 mg | NA |
| Flunisolide | | | |
| 250 mcg/puff | NA | >1,250 mcg | >2,000 mcg |
| Flunisolide HFA | | | |
| 80 mcg/puff | NA | 640 mcg | >640 mcg |
| Fluticasone HFA/MDI | | | |
| 44, 110, or 220 mcg/puff | >352 mcg | >352 mcg | >440 mcg |
| Fluticasone DPI | | | |
| 50, 100, or 250 mcg/inhalation | NA | >400 mcg | >500 mcg |
| Mometasone DPI | | | |
| 200 mcg/inhalation | NA | NA | 400 mcg |
| Triamcinolone acetonide | | | |
| 75 mcg/puff | NA | >900 mcg | >1,500 mcg |

Key: DPI, dry power inhaler; HFA, hydrofluoroalkane; MDI, metered-dose inhaler; NA, not available (either not approved, no data available)

Asthma and Tobacco Use

Louisiana Tobacco Quitline

Secondhand smoke can trigger asthma episodes and increase the severity of attacks. Secondhand smoke is also a risk factor for new cases of asthma in preschool age children who have not already exhibited asthma symptoms. Secondhand smoke is linked to other chronic respiratory illnesses, such as bronchitis and pneumonia. Quitting tobacco use can greatly reduce the severity of asthma attacks and overall improve the health of Louisianians living with asthma and caregivers who currently smoke.

Find out how you can quit using tobacco by receiving FREE telephone counseling from the Louisiana Tobacco Quitline at 1-800-QUIT-NOW. Quitting Tobacco is hard. Have you tried to quit several times and you are still hooked? Don't stop trying. You can quit!

When you call the Louisiana Tobacco Quitline you will receive:

- One-on-one proactive telephone counseling with a Quit Coach.®
- A Quit Coach® can provide proactive telephone counseling sessions to help you through the quitting process and through potential relapse phases.
- Referrals to local smoking cessation services in your community.
- A Quit Coach® will provide you with information on local smoking cessation services in your community.

Practical advice and tips to help you quit for good

- Quit Coaches® know how to make quitting easier by providing support and practical tips.
- You'll get the help that fits your needs as a Quit Coach® develops a quit plan to improve your chances of success and helps you find ways to change your daily activities that trigger smoking, as well as help you cope with your cravings and avoid weight gain.
- The Quitline really works! People who get help from the Quitline are twice as likely to quit for good.

Quitting is hard, but getting professional help will improve your chances of success. The Louisiana Tobacco Quitline becomes your partner, and your Quit Coach® is there to support you through tough times to avoid a relapse.

You may call to speak to a Quit Coach® anytime seven days a week between 7 a.m. – 2 a.m. CST.



Louisiana Tobacco-Free Healthcare Facilities

Why is it important to have tobacco-free health care facilities in Louisiana?

Louisiana health care facilities are ideal role models of healthy environments within the community. The initiative for these facilities to be 100% tobacco-free campuses supports protecting patients, employees and visitors from any exposure to secondhand smoke. According to a recent U.S. Surgeon General Report, there is no safe level of exposure to tobacco smoke. Therefore, a 100% Tobacco-Free campus-wide policy is the healthiest option.

What are the benefits of being a tobacco-free health care facility?

- This policy showcases the health care facility's role as a community leader in protecting the health of the public and motivates others to do likewise.
- By encouraging employees to quit and preventing secondhand smoke exposure, the initiative reduces health
 care costs because of illnesses caused by tobacco use and exposure and reduces expenses incurred by
 loss of productivity and absenteeism.
- By increasing the number of tobacco-free environments, the policy supports people in quitting the use of tobacco. Health care facilities are increasing and enhancing the cessation benefits and resources they offer to their employees to help them successfully quit.

What can we do to support tobacco-free health care facilities?

The most important thing health care facilities can do to support this initiative is to show a commitment by implementing a 100% tobacco-free health care policy.

What are the elements of a 100% tobacco-free health care policy?

- Consistency with state law, Louisiana Smoke-Free Air Act 815
- Tobacco use prohibited by all on premises, including parking lots, sidewalks, lawn areas and all facility-owned properties.

How can our health care facility become tobacco-free?

Visit www.latobaccocontrol.com to download the Project H.E.A.L. Manual. The purpose of this manual is to provide technical assistance and guidance to health care facilities implementing 100% tobacco-free campuses.

How can I get more information?

To get more information, please contact Brandi Bourgeois, Interim Program Manager, at 225-342-9307 or email Brandi.Bourgeois@la.gov.

F.L.A.R.E Asthma Discharge Protocol

What is F.L.A.R.E.?

F.L.A.R.E. is an evidence-based asthma education discharge protocol that helps hospitals implement the patient education components of the National Institutes of Health (NIH) Guidelines for the Diagnosis and Management of Asthma. F.L.A.R.E. includes five key messages to help asthma patients better manage their disease:

- **F** Follow up with a primary doctor
- L Learn about asthma medicines
- A Asthma is a life-long disease
- **R** Respond to warning signs that asthma is getting worse
- E Emergency care may be needed if certain symptoms occur

F.L.A.R.E. Training

1-hour training for hospital staff on how to implement F.L.A.R.E. The training is available at no cost to Louisiana hospitals. The F.L.A.R.E. training will include:

- How F.L.A.R.E. helps hospitals meet the NIH Asthma Guidelines;
- How to successfully implement F.L.A.R.E. (taught by a Louisiana health care provider and/or respiratory specialist); and
- F.L.A.R.E. benefits: patient education and decreased 'repeat' asthma discharges.

All training participants will receive the Louisiana Asthma Health Care Provider Toolkit. Hospitals participating in the training will also receive color copies of F.L.A.R.E., as well as the Louisiana Asthma Management & Prevention Program (LAMP) Asthma Action Plan and the F.L.A.R.E. Patient Follow-up Referral Form. As part of the F.L.A.R.E. Training Initiative, the LAMP Program will provide additional trainings as needed for staff in hospitals planning to implement F.L.A.R.E.

Who Should Attend

Providers who interact with asthma patients: administrators, respiratory therapists, nurses, case managers, certified asthma educators, health educators, emergency department staff and physicians.

Training Location

F.L.A.R.E. trainers from the LAMP Program will schedule free, on-site trainings for interested hospitals. The training takes one hour and can be scheduled at various times of the day to best meet the needs of hospital staff.

To request F.L.A.R.E. training, visit **www.asthma.dhh.louisiana.gov** to download a training request form and fax to Mark Perry at 225-342-5839. For any additional information, contact LAMP at 225-342-2673.



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www.asthma.dhh.la.gov

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