



**Allergy & Asthma Network**

Mothers of Asthmatics

# CFC OTC Epinephrine: Non-Essential

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*(Draft Presentation – Updated version to be posted when received)*

AANMA10/2004-0302

# AANMA: Education, Advocacy and Outreach

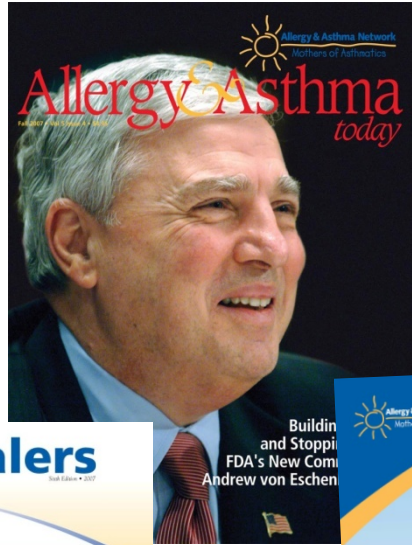


on the Fall 2004 issue of Allergy & Asthma Today

## There Fakes and Frauds in Your Nebulizer?

As patient education and advocacy, Allergy & Asthma Network Mothers of Asthmatics is concerned with the safety and quality of respiratory medications in our country. To address this issue, we formed CHAMF, the Consumer Health Alliance for Safe Medication. This is the first in a series of articles looking at this topic.

Medical breathing equipment, often used, often used in the home, is a critical part of the respiratory therapy for many people. In 2004, the U.S. Food and Drug Administration (FDA) issued a warning about counterfeit nebulizers. These counterfeit nebulizers can be dangerous to your health. They may not work properly, and they may contain harmful substances. Building the consumer's ability to identify and avoid counterfeit nebulizers is a key goal of CHAMF. For more information, visit [www.aanma.org](http://www.aanma.org).



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## ma REPORT

Allergy & Asthma Network  
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Helping Others Breathe Easier

Family Matters:

### Flu Preparedn at Home

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## Allergy & Asthma today

SPECIAL EDITION

Do I need to change my asthma inhaler?

Which HFA bronchodilator is right for me?

### SMART MOVES TO AN HFA INHALER

Inhalers are changing.

Get the full story INSIDE.

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## Asthma Inhalers

Inhaled Bronchodilators

Inhaled Anti-Inflammatories

Combination Medications

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## Indoor AIRepair™ at Home, School and Play

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# IR 2023 – We Made It!

Asthmatic Schoolchildren's Treatment and Health Management Act of 2004



# AANMA Medical Professional Surveys October – December 2007

- American Academy of Pediatrics
- American College of Allergy, Asthma and Immunology
- American Association Respiratory Care

# Medical Professionals Said NO

- Do you recommend the use of OTC epinephrine inhalers to your asthma patients?
  - 92% AAP
  - 94% ACAAI
  - 84% AARC

# OTC epinephrine is old news

- OTC epinephrine inhalers are outdated therapy – the duration of action is short-lived and has unnecessary cardiac stimulation.
  - 55 % AAP
  - 61% ACAAI
  - 58% AARC

# Medical professionals who believe:

## OTC epinephrine inhalers keep patients out of the emergency room.

- 7% AAP
- 8% ACAAI
- 9% AARC

# Asthma is not a do-it-yourself medical condition.

- 80% AAP
- 78% ACAAI
- 76% AARC

**Asthma is a potentially life threatening condition that should be treated by a medical doctor, not at the checkout counter of the local store.**

- 78% AAP
- 80% ACAAI
- 78% AARC



# Medical professionals who say OTC epinephrine inhalers work as well as prescription FDA-approved bronchodilators.

- 6% AAP
- 6% ACAAI
- 10% AARC

# OTC Epinephrine Inhalers Implies Effective Alternative to RX Only Meds

- 54% AAP
- 55% ACAAI
- 57% AARC

# Medical Professionals Do NOT Consider OTC Epinephrine Inhalers Essential

- Majority do not recommend
- Antiquated therapy
- Asthma is not an OTC condition
- Concerns about implications

# National Patient & Parent Survey

## OTC Epinephrine Use

November 2007

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## Demographic Distribution

Audiences	Sample Size	Definition
<b>Patients</b>	600	Adults age 18+ who use an OTC epinephrine inhaler (e.g., Primatene Mist or generic versions)
<b>Parents</b>	222	Parents of children age 4-17 who use an OTC epinephrine inhaler (e.g., Primatene Mist or generic versions)

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# Demographics: Region

**Northeast**                                      **Patients 17%**                                      **Parents 20%**  
CT, ME, MA, NH, NJ, NY, PA, RI, VT

**Midwest**    **Patients 27%**                                      **Parents 25%**  
IA, IL, IN, KS, MI, MN, MO, NE, ND, OH, SD, WI

**South**    **Patients 39%**                                      **Parents 39%**  
AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV

**West**    **Patients 17%**                                      **Parents 17%**  
AK, AZ, CA, CO, HI, ID, MT, NE, NM, OR, UT, WA

# Demographics: Gender

**Patients**



■ Female

**Parents**



■ Male

# Demographics

Age	<u>Patients%</u>	<u>Parents%</u>
18-20	7	2
21-29	17	16
30-39	20	37
40-49	23	28
50-64	28	14
65-74	5	2
75+	1	1

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# Demographics: Ethnicity

	<u>Patients%</u>	<u>Parents%</u>
<b>White</b>	81	71
<b>Black or African American</b>	13	22
<b>Hispanic or Latino</b>	9	9
<b>American Indian or Alaska Native</b>	5	3
<b>Asian</b> (e.g., Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese)	*	*
<b>Native Hawaiian or other Pacific Islander</b>	*	*
<b>Other (VOL)</b>	3	4
<b>Don't know/refused (VOL)</b>	1	1

\* = 0 - .5%

# Number of OTC epinephrine inhalers used in last 12 months:

	Patients%	Parents%
1 – 3 inhalers	68	74
4 – 8	11	9
9 or more	8	3
Don't know/refused	13	14

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# 95% + are paying for other prescription asthma medications:

- 54% patients indicated they use albuterol
- 64% parents indicated they use albuterol

# Diagnosed with asthma by a medical professional:

Patients	89%
Parents	96%

# Time since last asthma visit with primary care physician:

	Patients	Parents
< 12 mo	64%	76%
≥ 12 mo	16%	15%
≥3 years	15%	7%
Never/ don't know/refused	4%	3%

# Said they used more than the recommended dose of OTC epinephrine:

Patients  
38%

Parents  
29%

# Have you/your child ever been treated in an emergency room for asthma? Have you ever been hospitalized for asthma?

## Patients:

- 54% emergency room
- 27% hospitalized

## Parents:

- 56% emergency room
- 23% hospitalized

# Why patients and parents say they use OTC epinephrine:

	Patients	Parents
■ Doctor recommended	18%	25%
■ Cost issues	17%	16%
Can't afford prescription inhaler		
It's cheap		
Can't afford doctor		
■ I only use it when having a a bad asthma attack	13%	11%
■ No insurance/no RX coverage	10%	3%
Lost inhaler & insurance won't pay for a new one		

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**If you could trade your child's over-the-counter inhaler for a free prescription inhaler to treat asthma symptoms of coughing, wheezing and shortness of breath, would you be interested?**

- 67% parents said Yes
- 27% parents said No
- 6% did not know/refused

**If you could trade your over-the-counter inhaler for a free prescription inhaler to treat asthma symptoms of coughing, wheezing and shortness of breath, would you be interested?**

- 75% patients said Yes
- 20% said No
- 5% did not know/refused

# Conclusions

- Overwhelmingly physicians/medical professionals from AAP/ACAAI & AARC do not recommend OTC epinephrine.
- Vast majority of users of OTC are insured & have access to Rx meds.
- Vast majority have access to Physicians
- Overwhelmingly patients and parents don't think removal of OTC will seriously affect them.