

Asthma Resources

CLINICAL GUIDELINES

Clinical guidelines for the diagnosis, treatment, and long-term management of asthma have been developed by several organizations. The various guideline formats all convey the same basic message – just vary in their presentation. Read and use the set of guidelines that best suits the needs of your practice.



◆ **Practical Guide for the Diagnosis and Management of Asthma. U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health & National Heart, Lung and Blood Institute, 1997; NIH Publication No. 97-4053.**

1. American Academy of Allergy Asthma & Immunology (AAAAI)

Pediatric Asthma: Promoting Best Practice Guidelines for Managing Asthma in Children. (1999).

The Expert Panel Report of the NAEPP was adapted into a pediatric focused document—*Pediatric Asthma: Promoting Best Practice Guidelines for Managing Asthma in Children*. This guide is easily referenced, user-friendly, and provides a wealth of information about the diagnosis and treatment of pediatric asthma. It is available on the AAAAI website at:

www.aaaai.org/professionals/resources.stm

2. Global Initiative for Asthma (GINA)

GINA Workshop Report 2002: Global Strategy for Asthma Management and Prevention. NIH Publication No. 02-3659.

Global Initiative for Asthma (GINA) is an organization that partners with the NHLBI, the National Institutes of Health (NIH), and the World Health Organization (WHO) to increase awareness of asthma, and promote programs and studies that will lead to solutions to asthma problems worldwide. They have published a set of guidelines and other materials, including the GINA Workshop Report 2002 that is available on the GINA website at:

www.ginasthma.com/docs.html

3. National Heart, Lung, and Blood Institute (NHLBI)

◆ **National Asthma Education and Prevention Program Expert Panel Report 2: Guidelines for the Diagnosis and Management of Asthma. National Institutes of Health: National Heart, Lung, and Blood Institute, July 1997; NIH Publication No. 97-4051.**

State-of-the-art clinical practice guidelines for diagnosing and managing asthma that update the 1991 Expert Panel Report and incorporate the most recent scientific information available on the care of patients with asthma. Provides information on treating asthma at all severity levels and stresses both clinical and self-management strategies. Also provides a comprehensive discussion of current medications and their appropriate use. The guidelines are available on the NHLBI website at:

www.nhlbi.nih.gov/guidelines/asthma/asthgdln.htm

This concise manual was designed to help the busy primary care provider implement the recommendations in the NAEPP's 1997 clinical practice guidelines. Emphasizing practical information, it outlines key actions clinicians and patients can take to effectively work together in managing asthma. A variety of implementation aids are provided, including medication dosage charts, glossaries of medication brand names, patient self-assessment forms, and several reproducible patient handouts. This guide is available on the NHLBI website at:

www.nhlbi.nih.gov/health/prof/lung/asthma/practgde.htm

◆ **Quick Reference of the NAEPP Expert Panel Report: Guidelines for the Diagnosis and Management of Asthma - Update on Selected Topics 2002, National Institutes of Health: National Heart, Lung, and Blood Institute, June 2002; NIH Publication No. 02-5075.**

The Quick Reference of the NAEPP Expert Panel Report provides a concise review of timely information on selected priority asthma topics. It summarizes updates to the recommendations of the Expert Panel Report 2: Guidelines for the Diagnosis and Management of Asthma (1997). The full update report will be available soon. The Quick Reference of the NAEPP Expert Panel Report is available on the NHLBI website at:

www.nhlbi.nih.gov/guidelines/asthma/asthsumm.htm



Asthma Resources

ARTICLES OF INTEREST

Spirometry

1. American Thoracic Society. (1995). Standardization of spirometry; 1994 Update. American Journal of Respiratory and Critical Care Medicine, 152: 1107-1136.
2. American Thoracic Society. (1991). Lung function testing: Selection of reference values and interpretative strategies. American Review of Respiratory Disease, 144: 1202-1218.

Steroids: Growth and Safety Issues

1. Agertoft, L., Pederson, S. (2000). Effect of long-term treatment and inhaled Budesonide on adult height in children with asthma. New England Journal of Medicine, 343: 1064-1069.
2. Silverstein, M.D. et al. (1997). Attained adult height after childhood asthma: effect of glucocorticoid therapy. Journal of Allergy and Clinical Immunology, 99 (4): 466-474.
3. Suissa, S., et al. (2000). Low-dose inhaled corticosteroids and the prevention of death from asthma. New England Journal of Medicine, 343: 332 -336.
4. The Childhood Asthma Management Program Research Group (2000). Long-term effects of Budesonide or Nedocromil in children with asthma. New England Journal of Medicine, 343: 1054-1063.



Pediatric Asthma

1. Allen, D.B. (2002). Inhaled corticosteroid therapy for asthma in preschool children: growth issues. Pediatrics, 109 (2): 373-381.
2. Lemanske Jr., R.F. (2002). Inflammation in childhood asthma and other wheezing disorders. Pediatrics, 109 (2): 368-373.
3. Martinez, F.D. (2002). Development of wheezing disorders and asthma in preschool children. Pediatrics, 109 (2): 362-368.
4. Skoner, D.P. (2002). Balancing safety and efficacy in pediatric asthma management. Pediatrics, 109 (2): 381-393.
5. Skoner, D.P. (2002). Outcome measures in childhood asthma. Pediatrics, 109 (2): 393 - 399.
6. Strunk, R.C. (2002). Defining asthma in the preschool-aged child. Pediatrics, 109 (2): 357 - 362.
7. Agency for Healthcare Research and Quality (AHRQ). (December, 2001). Children's health: use of health care services and costs of care are substantial for children with asthma-related illnesses. [Online]. Available: <http://www.ahrq.gov/research/dec01/1201ra7.htm>

Asthma Education

1. Clark, N.M., Partridge, M.R. (2002). Strengthening asthma education to enhance disease control. Chest, 121 (5): 1661-1669.
2. Clark, N.M., Gong, M. (2000). Management of chronic disease by practitioners and patients: are we teaching the wrong things? British Medical Journal, 320 (7234): 572-575.
3. Clark, N.M., Gong, M., Schork, M.A., Kaciroti, N., Evans, D., Roloff, D., Hurwitz, M., Maiman, L.A., Mellins, R.B. (2000). Long-term effects of asthma education for physicians on patient satisfaction and use of health services. European Respiratory Journal, 16 (1):15-21.
4. Clark, N.M., Evans, D., Zimmerman, B.J., Levison, M.J., Mellins, R.B. (1994). Patient and family management of asthma: theory-based techniques for the clinician. Journal of Asthma, 31 (6): 427-35.

Asthma Resources

WEB SITES & INFORMATION

Allergy and Asthma Network – Mothers of Asthmatics Inc.

1-800-878-4403
www.aanma.org

American Academy of Allergy, Asthma & Immunology

1-414-272-6071
www.aaaai.org

American Association of Respiratory Care

1-972-243-2272
www.aarc.org

American College of Allergy, Asthma & Immunology

1-800-822-ASMA (2762)
www.acaai.org

American College of Chest Physicians

1-800-343-2227 (products and registration)
www.chestnet.org

American Lung Association of Michigan

1-800-LUNG-USA (1-800-586-4872)
National website: www.lungusa.org
Michigan website: www.alam.org

American Thoracic Society

1-212-315-6440
www.thoracic.org

Asthma and Allergy Foundation of America

1-800-7-ASTHMA (1-800-727-8436)
www.aafa.org

Asthma Initiative of Michigan

1-866-EZLUNGS (1-866-395-8647)
www.getastmahelp.org

Centers for Disease Control and Prevention

1-800-311-3435
www.cdc.gov

Environmental Protection Agency

1-800-621-8431
Indoor Air Quality and Asthma Information:
www.epa.gov/iaq/pubs/asthma.html
Outdoor Air Quality Information:
www.epa.gov/airnow

Federal OSHA (Occupational Safety & Health Administration)

1-517-327-0904
www.osha.gov

Global Initiative for Asthma

www.ginasthma.com

Michigan Department of Community Health

1-517-373-3500
www.mdch.state.mi.us

Michigan Department of Environmental Quality

1-517-373-7023
www.michigan.gov/deq

Michigan Society for Respiratory Care

1-517-336-7605
www.michiganrc.com

Michigan Thoracic Society

1-517-484-4541 or 1-800-678-5864
www.alam.org/Research/thoracic_society.asp

National Asthma Education and Prevention Program

1-301-592-8573
www.nhlbi.nih.gov

National Asthma Educator Certification Board

1-212-315-8849
www.naecb.org

National Heart, Lung and Blood Institute

1-301-592-8573
www.nhlbi.nih.gov

National Institute of Allergy and Infectious Disease

1-301-496-4000
www.niaid.nih.gov

National Jewish Medical & Research Center

1-800-222-LUNG (1-800-222-5864)
www.njc.org