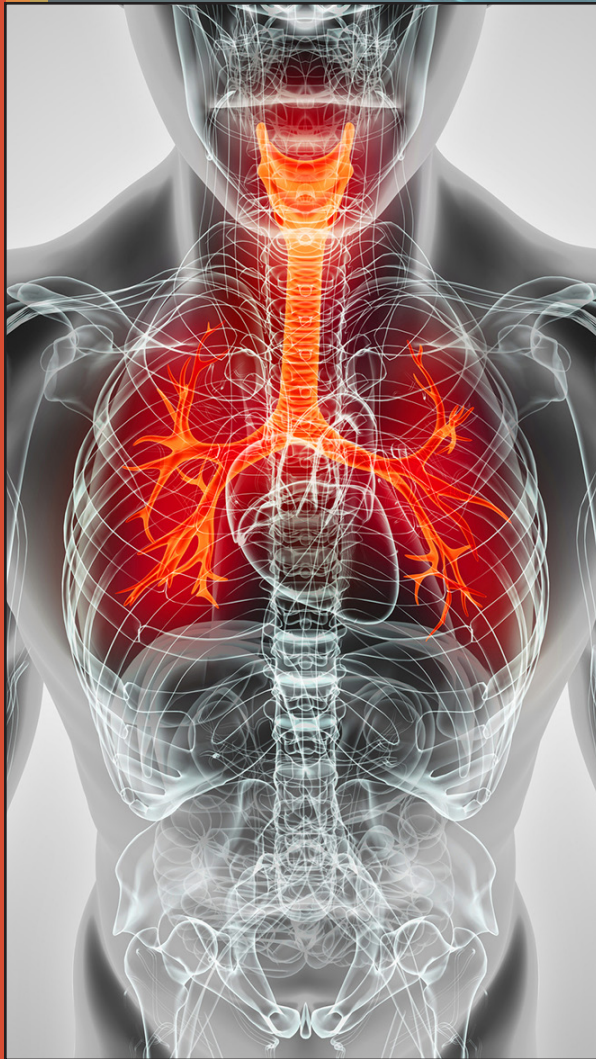


# ASTHMA & CHIROPRACTIC

## A Research Review

HEALTH ISSUES ©

Asthma is a common chronic disease worldwide and affects approximately 30 million people in the U.S., an estimated 7 million of which are children. The pathophysiology of asthma is complex and involves airway inflammation, intermittent airflow obstruction, nerve system dysfunction and bronchial hyperresponsiveness. Americans spend over six billion dollars annually on asthma treatment and medications and lose millions in lost wages.



**“Research has shown that an imbalance may exist in the nervous system that supplies the bronchial tubes of an asthmatic individual.”**

FRANCIS ADAMS, M.D.  
The Asthma Sourcebook McGraw-Hill Hill 2001

**“Abnormal autonomic nervous system responsiveness may contribute to the pathogenesis of asthma and other allergic diseases.”**

ANNALS OF INTERNAL MEDICINE  
Kaliner M, Shelhamer JH, Davis PB, Smith LJ  
Autonomic nervous system abnormalities & allergy. 6(3):349-57

**“Physiopathic changes in spinal structures actually produce an inhibition of nerve impulses. Subjective and clinical findings associated with this syndrome include severe asthma attacks and bronchial asthma.”**

NEVILLE T. USHER, M.D.  
The viscerospinal syndrome. California Western Medicine, 38, (93)423-428

A study published in a Holland Medical Journal reported that out of a group of 115 families with asthmatic children, 73% had utilized Chiropractic care for the asthma and 92% of the families reported that Chiropractic was beneficial for their children.

Donnelly, W.J. (1985, May). Are patients who use alternative medicine dissatisfied with orthodox medicine. Medical Journal of Australia, 142(10), 539-541