

## National Jewish Health Among First to Offer Novel Asthma Treatment

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DENVER — National Jewish Health will be among the first in the United States to offer a new procedure for severe asthma patients, known as bronchial thermoplasty. The Alair® Bronchial Thermoplasty System was recently approved by the U.S. Food and Drug Administration (FDA). Adult patients who suffer from severe persistent asthma that is not well controlled with inhaled corticosteroids and long acting beta agonists, the current standard-of-care treatments, will be eligible for the procedure. The procedure will be offered at National Jewish Health within the next several weeks.

"Bronchial thermoplasty is a novel procedure that could improve quality of life for asthma patients where medications have proved ineffective," said Ali I. Musani, MD, Interventional Pulmonologist at National Jewish Health. "Thousands of Americans struggle to keep asthma under control. We're hopeful this procedure can provide long-lasting positive affects."

Bronchial thermoplasty is performed through a standard flexible bronchoscope that is introduced through a patient's nose or mouth, into the lungs. The tip of the small catheter is expanded to contact the walls of targeted airways. Heat is then delivered to the airway walls, which reduces the size of the airway smooth muscle that is responsible for constriction of asthma patients' airways. This twitching or spasm of the airways leads to wheezing and difficulty breathing. The minimally invasive procedure is done under moderate sedation, and the patient returns home the same day.

In a clinical trial, adults with severe asthma who underwent bronchial thermoplasty saw a 32 percent reduction in asthma attacks. Patients in the trial saw an 84 percent reduction in emergency room visits and a 73 percent reduction in hospitalizations for respiratory symptoms.

"The results of the trial show this new treatment can help patients with severe asthma gain better control over their disease," said Dr. Musani.

**National Jewish Health** is the leading respiratory hospital in the nation. Founded 125 years ago as a nonprofit hospital, National Jewish Health today is the only facility in the world dedicated exclusively to groundbreaking medical research and treatment of children and adults with respiratory, cardiac, immune and related disorders. Patients and families come to National Jewish Health from around the world to receive cutting-edge, comprehensive, coordinated care. To learn more, visit the [media resources](#) page.

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### Media Resources

We have many faculty members, from bench scientists to clinicians, who can speak on almost any aspect of respiratory, immune, cardiac and gastrointestinal disease as well as lung cancer and basic immunology.

- [Accomplishments & Awards](#)
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### Media Contacts

Our team is available to arrange interviews, discuss events and story ideas.

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