

# Pediatrics

From asthma to lung transplantation, ATS 2012 offers



ATS 2012 will cover a broad range of topics, from lung injury in pediatric lung transplantation to the neonatal origins of adult pulmonary disease.

“The pediatric sessions at this year’s conference can help clinicians integrate the latest clinical research into their treatment of patients,” says Robin Deterding, MD, this year’s pediatrics conference program chair. “Three sessions of particular interest will highlight pediatric tobacco dependence, current controversies in the treatment of childhood asthma and lung injury before and after pediatric lung transplantation.”

### **Treatment of childhood asthma**

“Controversies in the Treatment of Childhood Asthma: A Pro-Con Debate” will focus on three controversial areas in the treatment of childhood asthma.

Acetaminophen use has been linked to the development and worsening of asthma in young children in epidemiological studies, and some investigators have called for an end to its pediatric use, along with the need for prospective studies. This session will present the latest research and

evidence for and against this association.

Although treatment with daily inhaled corticosteroids is the international standard for the treatment of childhood asthma, recent studies suggest that intermittent dosing might be just as effective in children with mild asthma. Both sides of this argument will be presented at this session.

Finally, the utility of spirometry in guiding the management of chronic asthma in children will be discussed. While spirometry can be useful in the diagnosis of asthma, most asthmatic children exhibit normal results.

### **Preventing and treating pediatric tobacco dependence**

In another noteworthy pediatric session, “Tobacco Dependence in Pediatrics: What Can Be Done to Help Our Children and Their Parents,” the impact of tobacco on children will be explored. The session will cover the effects of first-, second- and third-hand smoke on children and provide information on helping parents quit, at-risk adolescents and new tobacco products targeted at children and young adults.



**Dr. Deterding**

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# Pediatrics

a range of clinical topics

## ATS 2012 sessions of interest to specialists in pediatrics

- Neonatal Origins of Adult Pulmonary Disease
- Controversies in the Diagnosis & Treatment of Sickle Cell Lung Disease
- Pediatric Non-Invasive Ventilation
- Controversies in the Treatment of Childhood Asthma: A Pro-Con Debate
- Pediatric Year in Review
- Developmental Control of Respiratory Structure & Function During the Course of Life
- Tobacco Dependence in Pediatrics: What Can Be Done to Help Our Children & Their Parents?
- Pediatric Clinical Chest Rounds
- Innovative Teaching & Evaluation Methods+
- The Physiologic Basis of Pediatric Respiratory Diseases\*
- The Cellular Foundation of Pediatric Respiratory Disease\*
- SDB & Associated Co-Morbidities in Children: From Bench to Bedside\*

\*Postgraduate course  
+Workshop

In addition to sessions programmed by the ATS, the National Heart, Lung, and Blood Institute will be present these noontime sessions during ATS 2012:

*Infant Study of Inhaled Saline in Cystic Fibrosis (ISIS)*

*The Childhood Asthma Research and Education (CARE) Network: New Study Findings*

*Effects of Adenotonsillectomy on Health Outcomes in Children with Sleep Apnea: Results from the Childhood Adenotonsillectomy (CHAT) Study*

## Lung injury before and after pediatric lung transplantation

This session will cover the varied etiologies of lung injury before and after lung transplantation in children, including autoimmune disease, immune compromise, cancer treatments, stem cell transplantation and interstitial lung disease. Attendees will learn about the timing and appropriateness of referral for lung transplantation of children with end-stage lung disease and explore outcomes and pulmonary complications in children who have already undergone transplantation. ■

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