Asthma

Protect patients from the effects of allergies and viral infection—Today!

The combination of allergies and viral infections increases the risk of asthma exacerbations

Mitigate the synergistic effect of allergy and viral infection

• Data demonstrate a nearly 20-fold increased risk of hospitalizations for those patients with asthma who had allergen exposure and viral infection.

• Consider all asthma to be allergic and confirm with ImmunoCAP® testing.

• Reduce exposure to allergic triggers

“Strategies to reduce the impact of asthma exacerbations in adults should include interventions directed at both viruses and reducing exposure to allergens.”

—Green RM, et al

Seasonal asthma exacerbations are predictable

Seasonal viral infections increase risk of asthma exacerbations

• Children: Fall — back-to-school time, Spring
• Adults: Winter
• Predictable virus seasons warrant proactive care

It is essential to identify and reduce exposure to relevant allergens

—NIH Asthma Guidelines

Vaccinate adults and children who have asthma

—CDC Influenza Guidelines

Multivariate analysis of odds ratios (95% CI) for risk factors of hospital admission for acute asthma exacerbation in children ages 3 to 17 years.

The annual cycle of asthma exacerbations in children and adults based on emergency room presentations for asthma between April 2001 and March 2005.

Graph modified from Johnston NW.
Allergies increase the presence and severity of symptoms
Test now to identify at-risk allergic asthma patients—prior to viral exposure

Effect of allergies on cold and asthma symptoms due to viral infection

Cold symptoms: Congestion, rhinorrhea, sleep impairment
- Allergic patients are nearly 3 times more likely to experience moderate to severe cold symptoms than non-allergic patients

Asthma symptoms: Cough, wheeze, shortness of breath, sleep impairment
- Allergic patients are nearly 2 times more likely to experience moderate to severe asthma symptoms than non-allergic patients

Exposure to allergic triggers is a modifiable risk factor

Test with ImmunoCAP® to
- Identify allergic triggers
- Reduce exposure to allergic triggers
- Assess the impact of targeted exposure reduction

References

www.KnowYourIgE.com

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