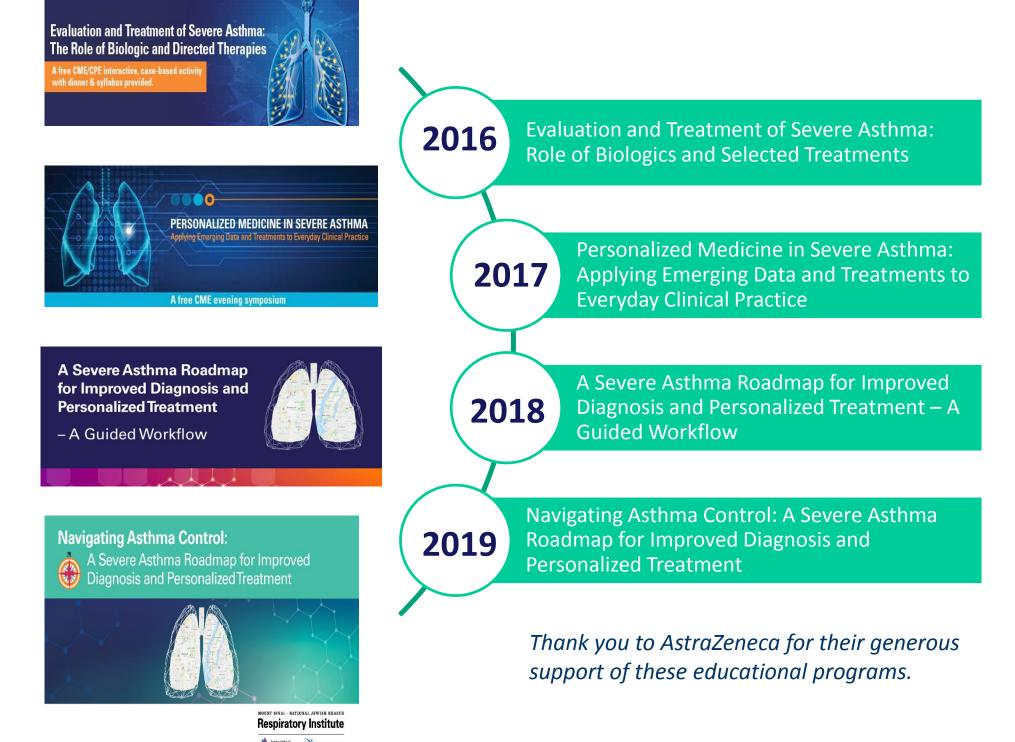


### **Evolutions in Asthma Education**

As a global leader in asthma treatment and research, National Jewish Health and the Cohen Family Asthma Institute in partnership with the Mt. Sinai – National Jewish Health Respiratory Institute, are passionate about narrowing existing practice gaps to improve asthma control. Formative and summative evaluation efforts from one program to the next seamlessly inform persisting practice gaps for a longitudinal educational strategy.

### **Existing Practice Gaps:**

- 1) Do not understand the pathophysiology of asthma
- 2) Lack knowledge related to diagnosing asthma
- 3) Inability to properly assess asthma severity
- 4) Lack knowledge related to the safety of oral corticosteroids
- 5) Are not familiar with emerging treatment options
- 6) Lack understanding of proper inhaler technique



## **Innovative Formats**

Ongoing analysis of educational needs and practice gaps revealed that an engaging, dynamic approach to severe asthma education was needed. Innovations incorporated over the past 3 years have integrated:

- Online companion components to live sessions to strengthen experiential learning
- Patient perspective videos and patient cases grounded in real-world data.
- Infographic clinical practice aids to guide the diagnosis and treatment of severe asthma.

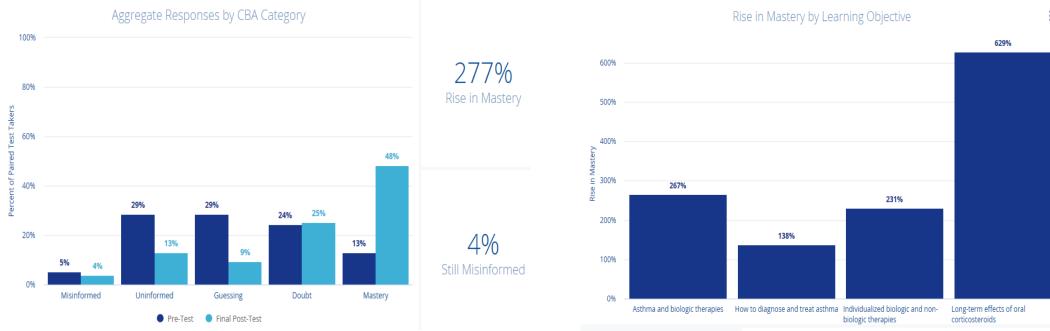


The ProDoctor case-based simulation platform measures clinician performance for datadriven educational design.





The ArcheMedX Competency-Based Assessment (CBA) evaluates learner mastery to provide real-time educational insights.

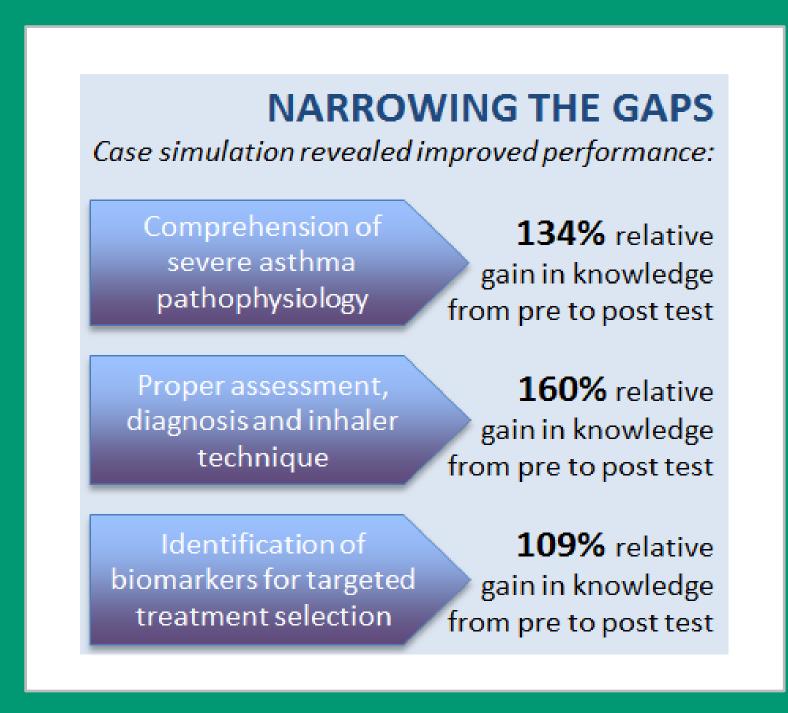


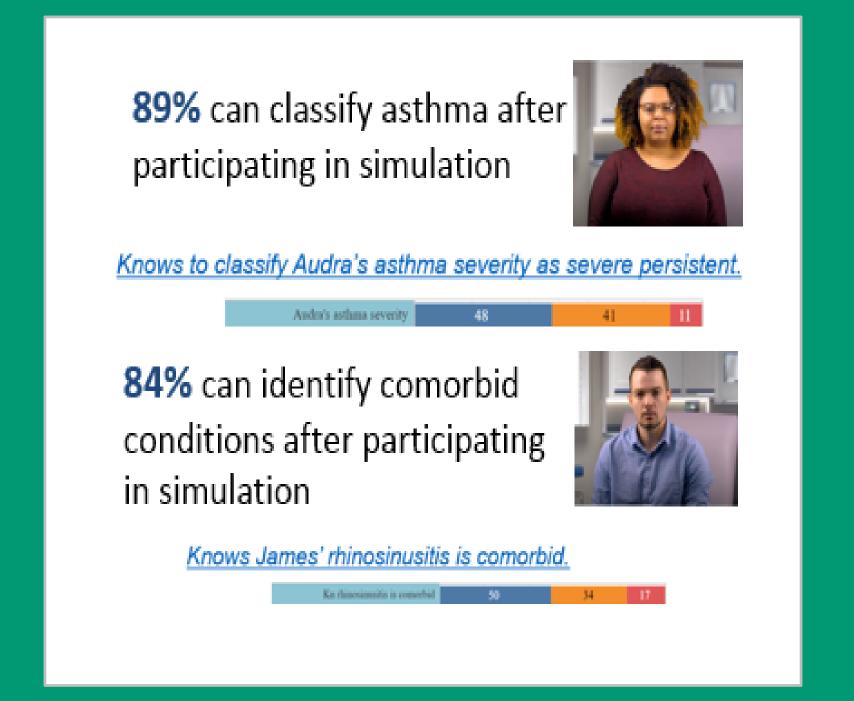
# Charting the Course for Improved Control in Severe Asthma: An Educational Impact Analysis



National Jewish Health, Denver, Colorado

The longitudinal strategy for severe asthma education provided by National Jewish Health has resulted in improved clinician performance critical for enhanced control in patients with severe asthma.

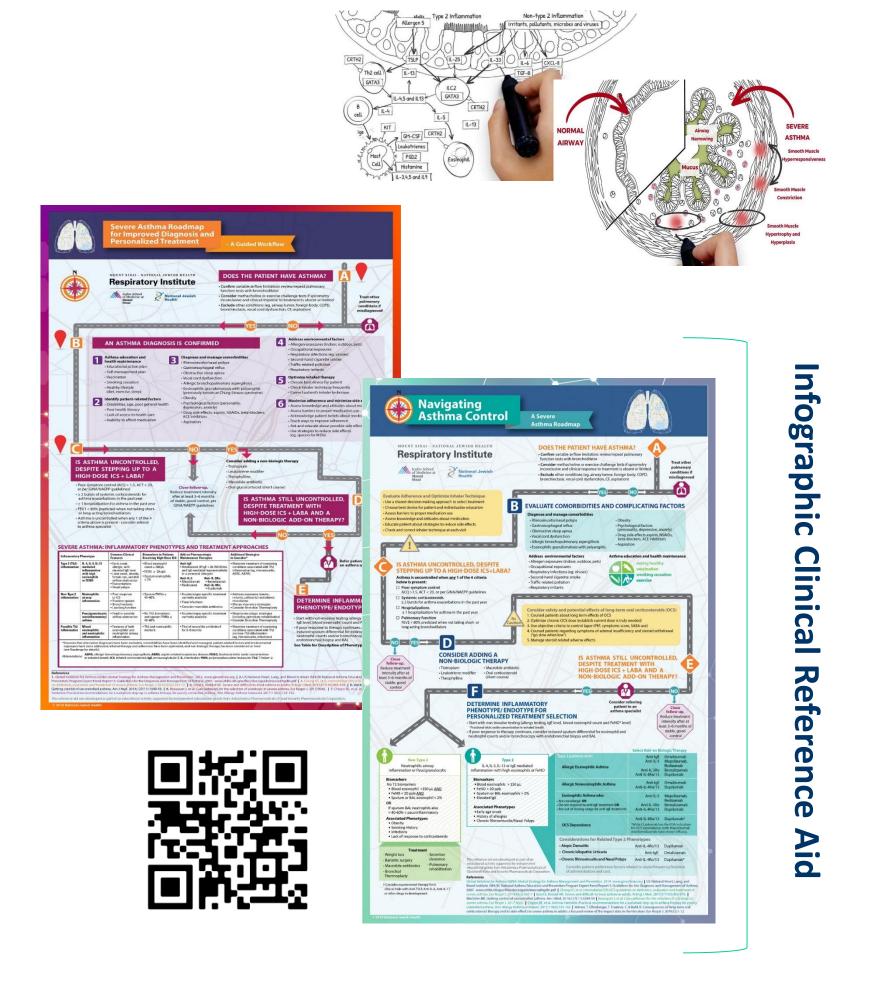






## **Educational Design**

Ongoing formative evaluation in collaboration with our partners, ArcheMedX and ProDoctor, is conducted on an ongoing basis to refine limitations identified in the educational design and improve the content.



### **Educational Outcomes**

An analysis of all severe asthma initiatives for the past 5 years was conducted and revealed the following outcomes:

