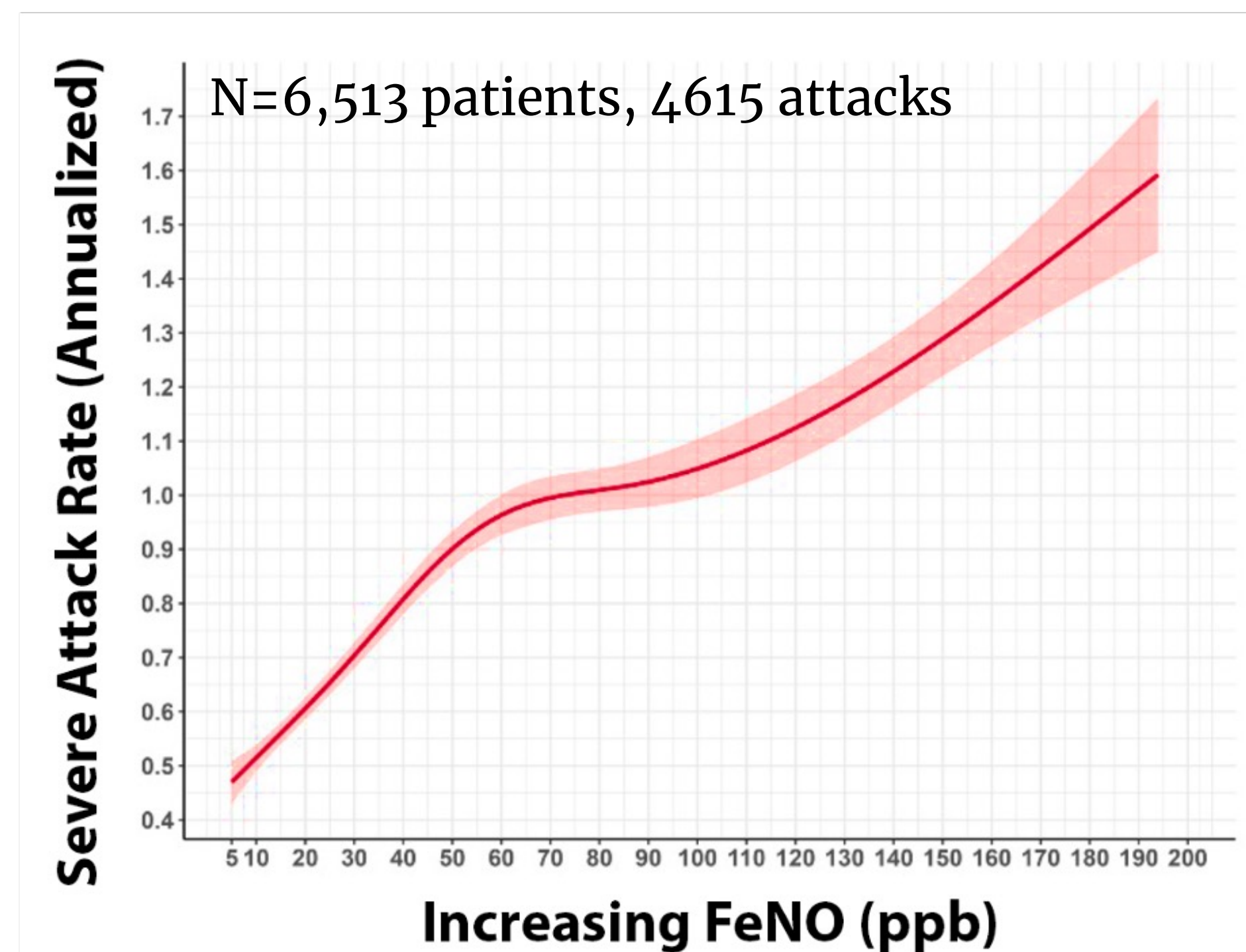


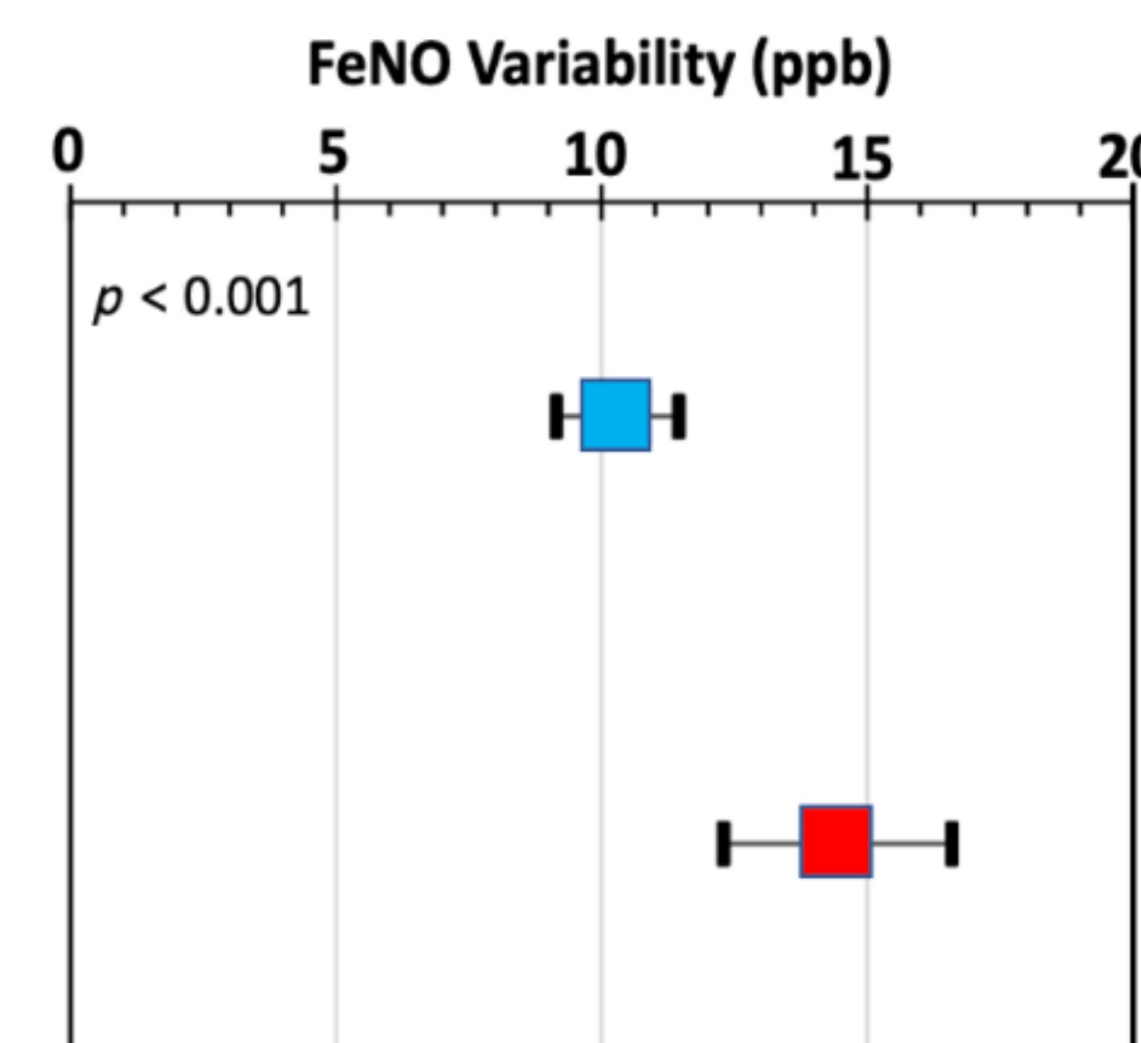
Asthma and COPD Home Monitoring

Once daily breath test to identify risk of attack **20 days before symptoms.**

Uncontrolled airway inflammation (FeNO) is a risk factor for asthma attacks. FeNO is part of the clinical guidelines.

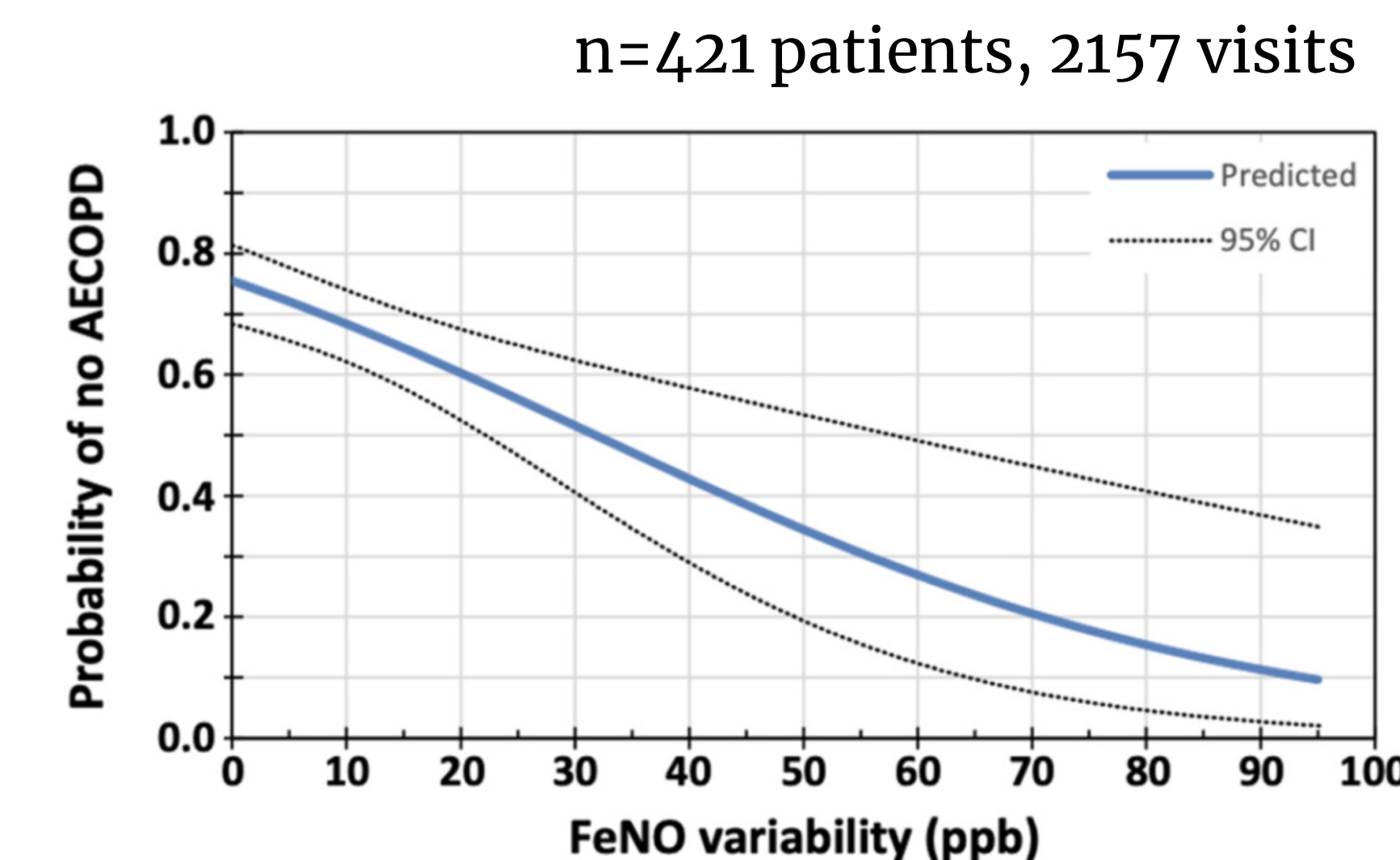


Uncontrolled airway inflammation (FeNO) is a risk factor for COPD attacks



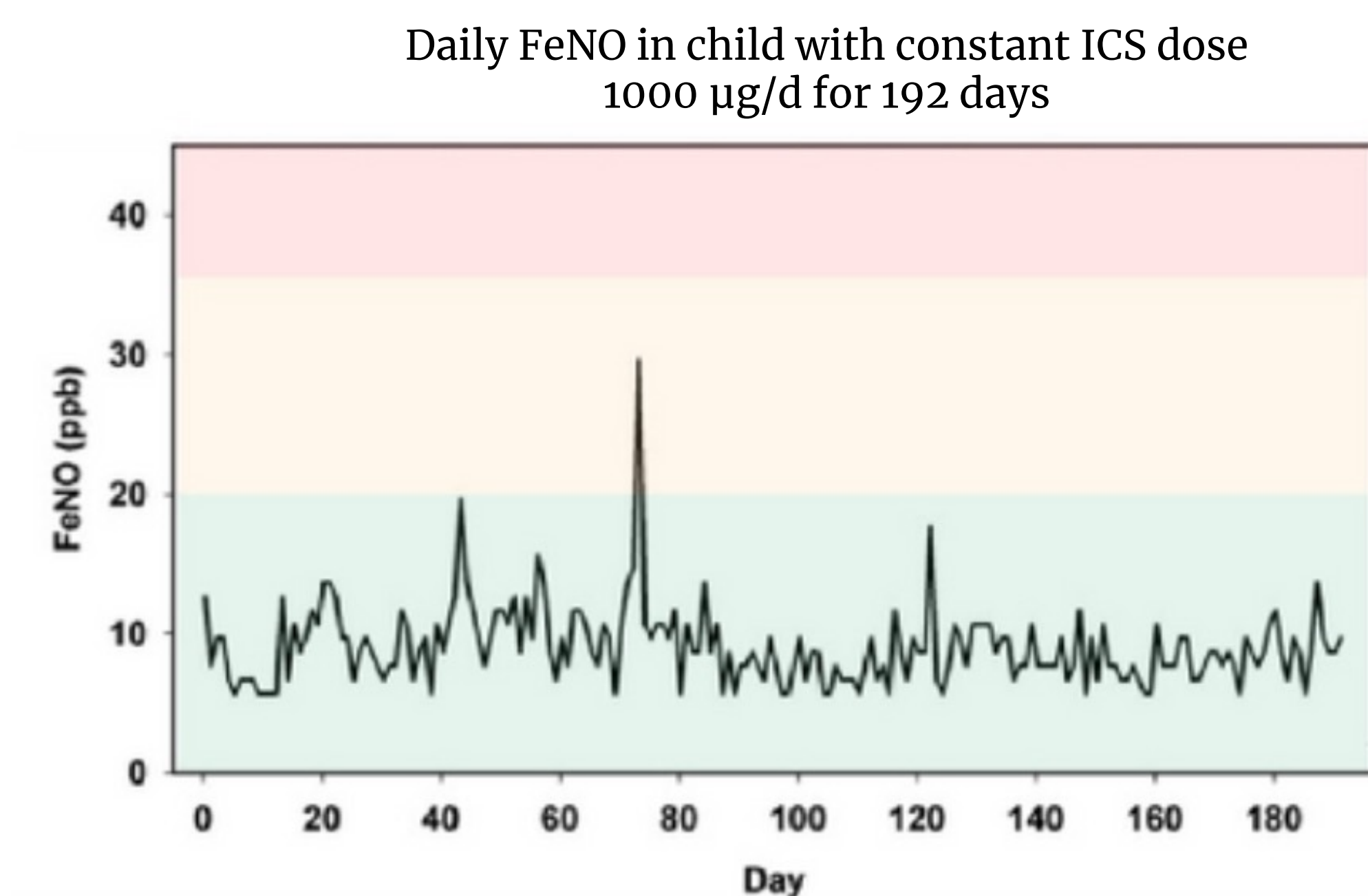
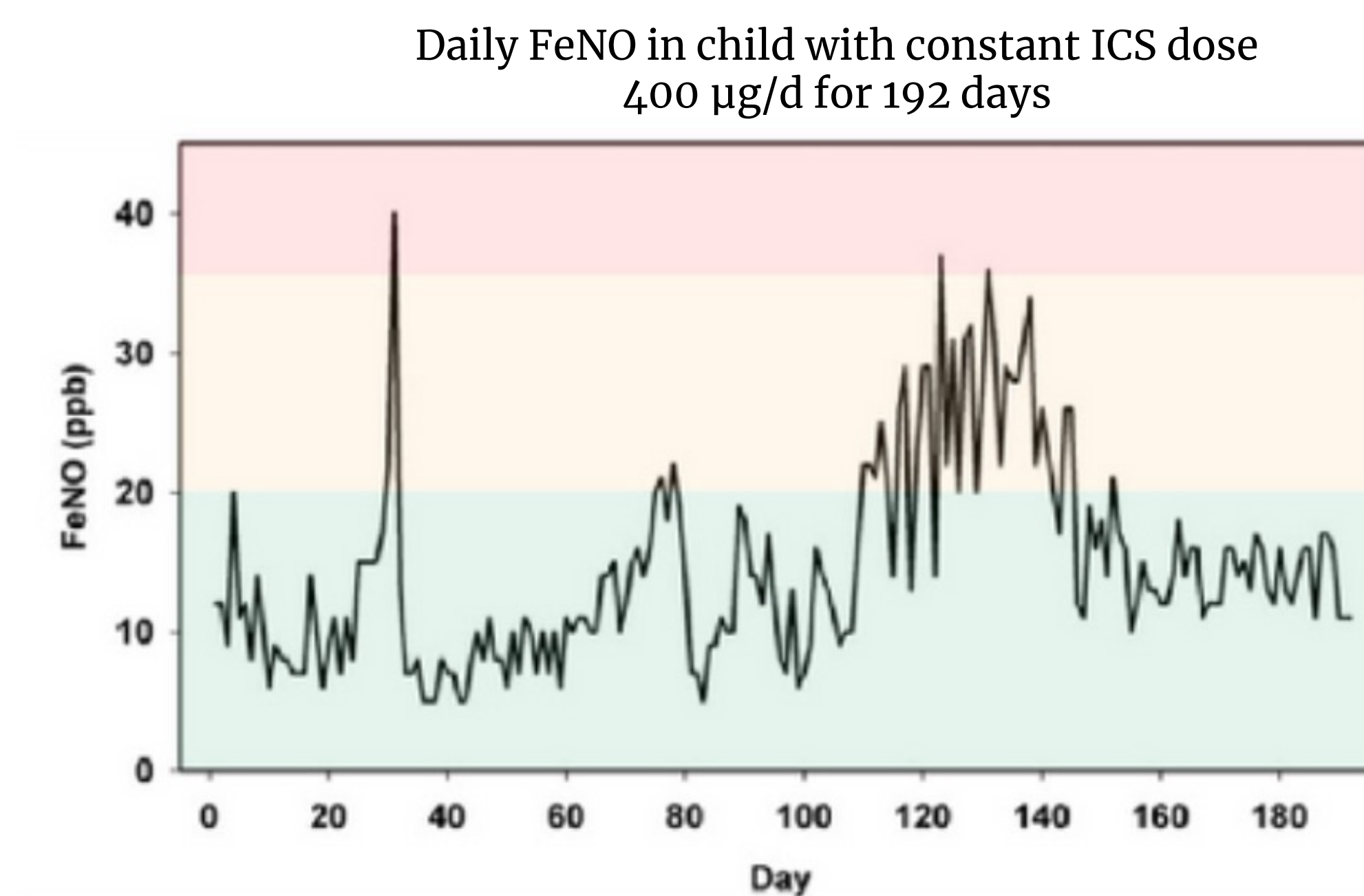
Non-exacerbators

Exacerbators



Longitudinal measurements of FeNO revealed an intra-subject variability of FeNO >15ppb was significantly higher in exacerbators compared to non-exacerbators ($p < 0.001$).³

Tailoring therapy based on FeNO reduces the risk of attack by 50%

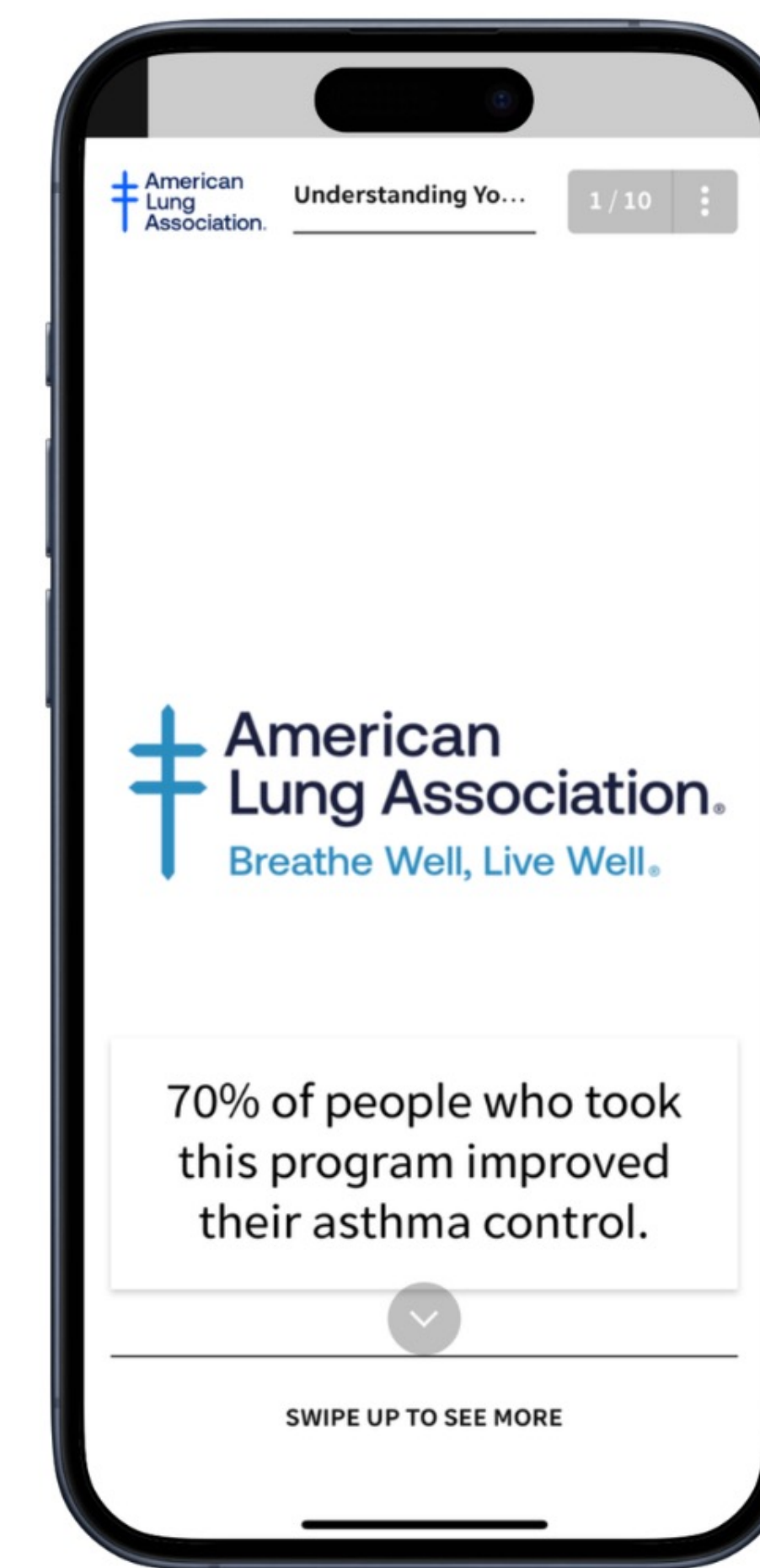
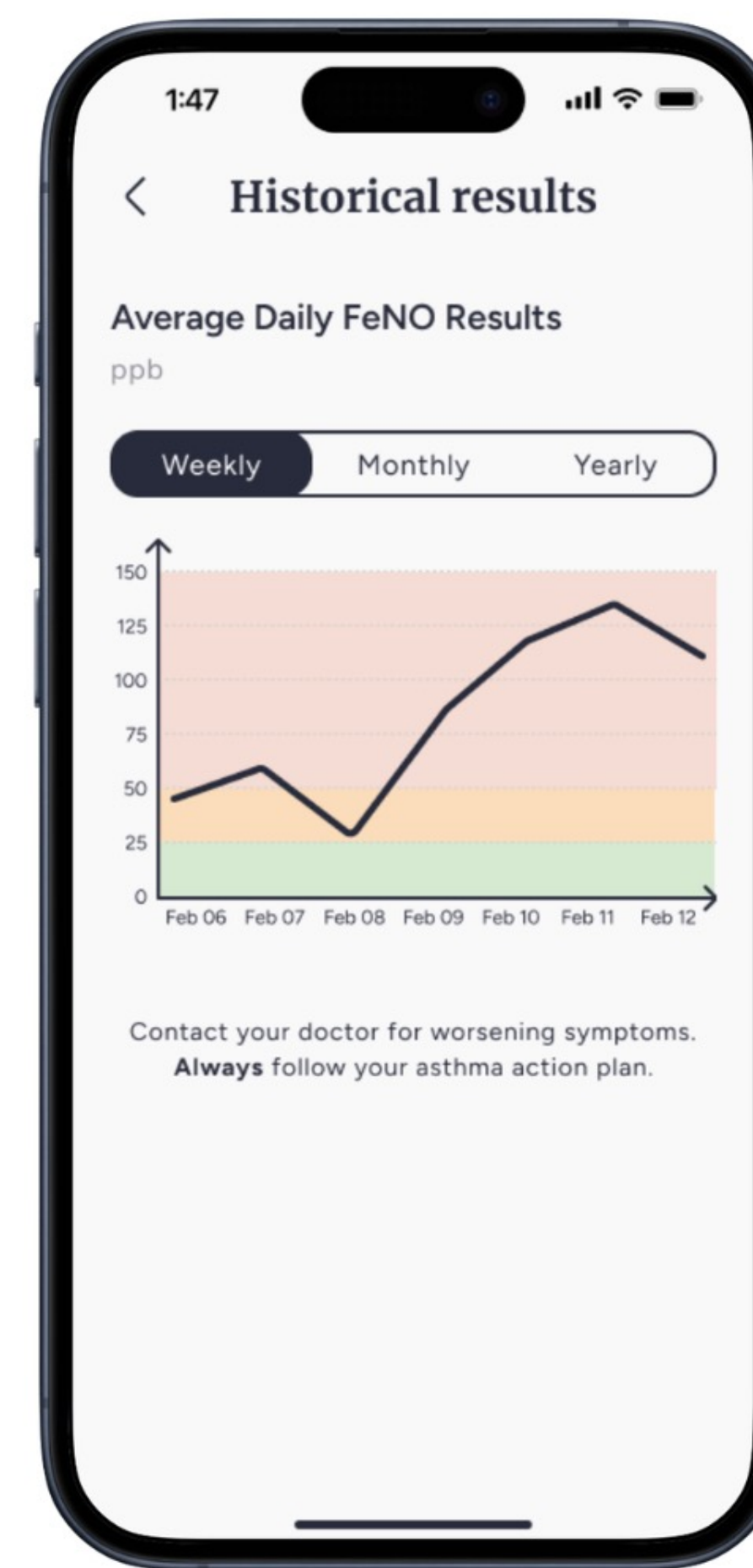
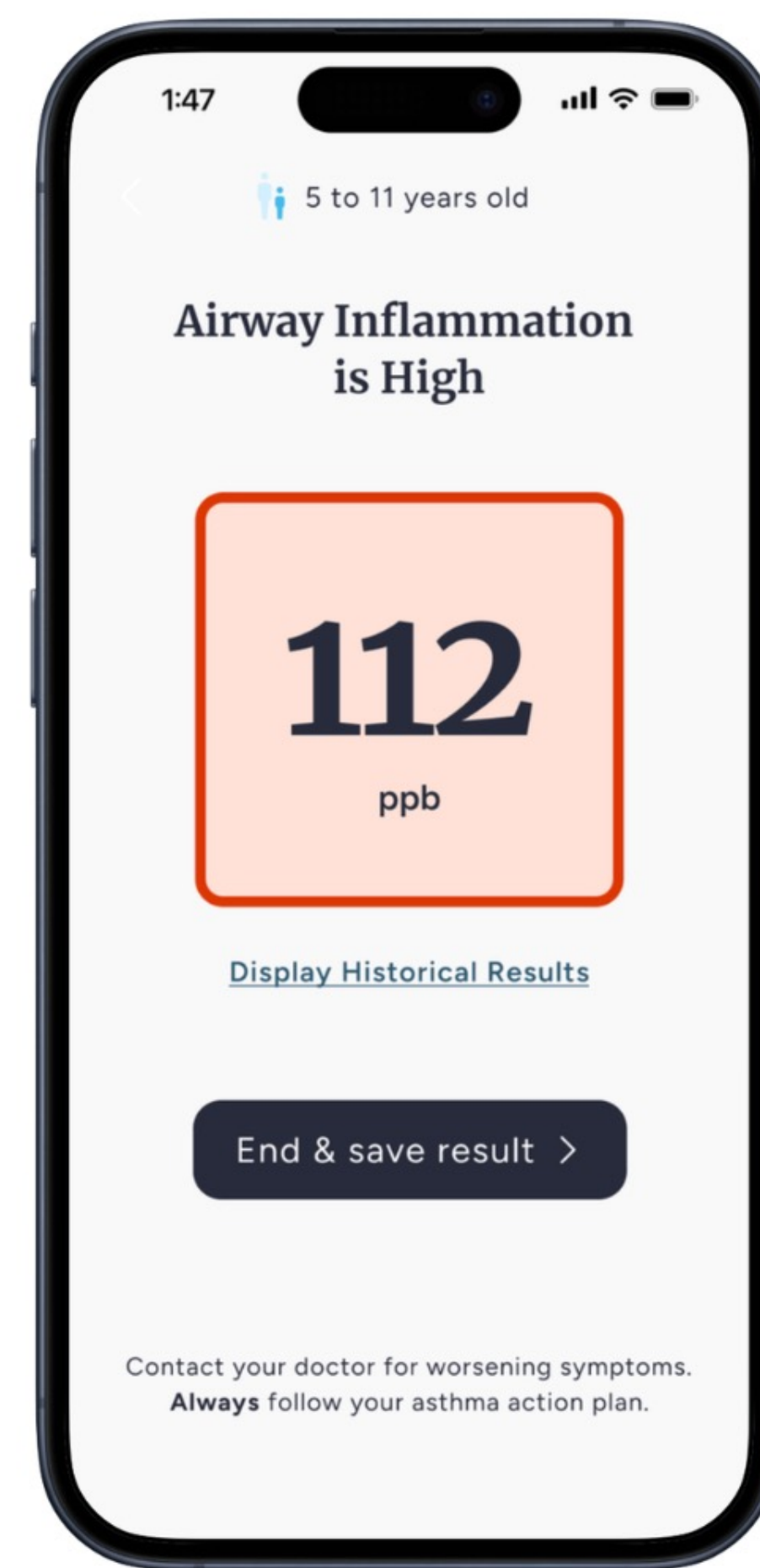


Asthma management following algorithms that included FeNO testing, compared to no FeNO, reduce the risk of exacerbations (SOE: High) with resulting Odds Ratios (95% CI) of 0.50 (0.31 to 0.82) and 0.62 (0.45 to 0.86) in children and adults respectively.¹

23 Issued Patents

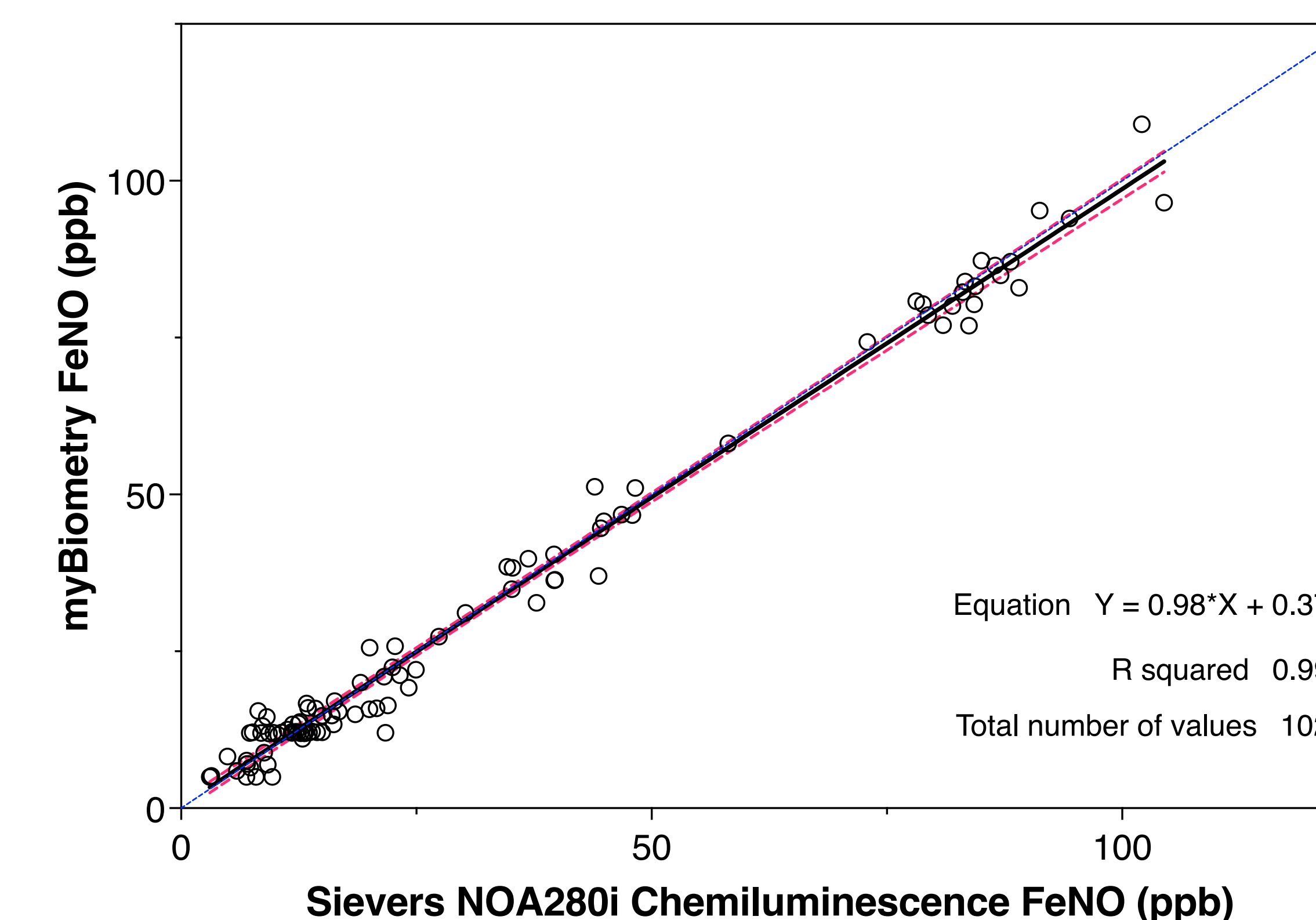


Once daily inflammation monitoring at home
Single use, disposable FeNO test strip + connected device



Empower patients and clinicians to monitor risk in real time + evidence based self-management programs from the ALA

Clinical Comparison vs Gold Standard (Chemiluminescence)



Lab quality performance
at point-of-care or home

Investors

Dexcom

CareSource

Awards & Partners

ATS 2024
Respiratory Innovation Summit
Showcase Company

American Lung Association

UMASS Lowell Worcester
UMASS
CAPCaT
Center for Advancing Point of Care Technologies

UMASS Lowell Worcester
UMASS
IMPACT
Center for Advancing Point of Care Technologies

MEDTECH INNOVATOR

MC MASSCHALLENGE HEALTHTECH

1. Wang Z et al. Comparative Effectiveness Review No. 197. AHRQ, Dec 2017. DOI: 10.23970/AHRQEPCCER197
2. Mailhot-Larouche S et al. ATS 2025, manuscript under review. Referencing: Meulmeester FL et al. Lancet Respir Med.2025;0(0). ORACLE2 meta-analysis.
3. Schumann DM et al. Respiriology. 2023;28(5):445-454. doi: 10.1111/resp.14439