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FeNO Interpretation Guide

Interpret results with ease in this handy guide based on globally recognised FeNO guidelines.





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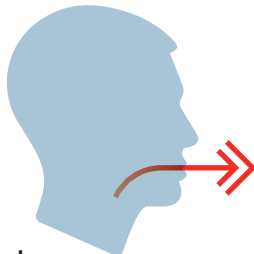
Interpret FeNO

Use our online interpreting
FeNO calculator

niox.com/interpret-feno

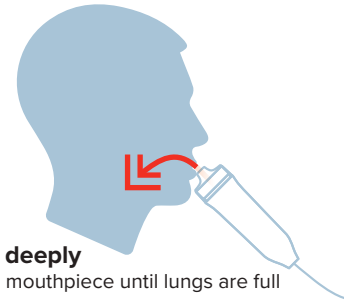
Performing a FeNO test

1



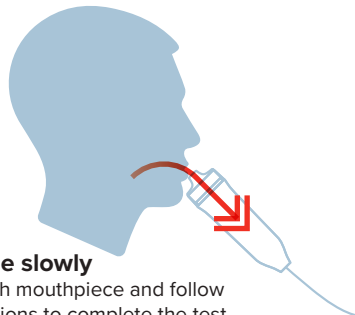
Empty lungs
by breathing out thoroughly

2



Inhale deeply
through mouthpiece until lungs are full

3



Exhale slowly
through mouthpiece and follow
animations to complete the test

4



See result
FeNO result will appear in
approximately 1 minute



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Clinical Guidelines for Interpreting FeNO¹

	LOW	INTERMEDIATE	HIGH
Adults	< 25	25 - 50	> 50
Children	< 20	20 - 35	> 35
Type 2 Inflammation	Unlikely	Possible	Likely

Recommendations to Healthcare Professionals¹

Undiagnosed diagnostic considerations (symptomatic for > 6 weeks)	Consider alternative diagnosis Consider other conditions that could be causing symptoms. Patient is not likely to respond to ICS.	Interpret cautiously Evaluate clinical context Monitor change in FeNO over time.	Supports a diagnosis of asthma Airway inflammation is likely, patient is likely to respond to ICS.
Symptomatic Asthma management considerations	Possible alternative diagnosis This patient is not likely to benefit from an increase in ICS dosage.	Factors influencing FeNO Consider factors that may be causing intermediate FeNO values: persistent allergen exposure, inadequate ICS dosage, poor adherence, steroid resistance, high nitrate diet.	Increased exacerbation risk Persistent allergen exposure, inadequate ICS dosage, poor adherence, steroid resistance, poor inhaler technique.
Asymptomatic Asthma management considerations	Well controlled asthma Adequate ICS dose, good adherence, ICS taper.	Patient progress Consider whether patient's FeNO has increased or decreased from previous value. This may indicate adequate ICS dose or good adherence, but may require monitoring changes over time.	Uncontrolled or deterioration Poor adherence or technique, ICS withdrawal or dose reduction may result in relapse.

Consider regular FeNO monitoring in all cases: a significant increase or decrease is +/- 10 ppb in patients with a FeNO lower than 50 ppb and +/- 20% in patients with a high FeNO

ACCURATE,
RELIABLE,
STRAIGHTFORWARD.²⁻⁴



Start testing FeNO with
the technology of choice⁵