NIOX VERO DEVICE TRAINING
For Training Purposes Only.

Disclosures

Employee of Circassia Pharmaceuticals, Inc.

Workshop Outline

I. Introduction and COI Disclosure (2 minutes)
II. Brief outline on what Nitric Oxide is and why it’s important to measure (5 minutes)
III. Hands-on practice with device (20 minutes)
a. Instructions on performing the measurement and acquiring a Parts Per Billion (ppb) FeNO value
b. How to incorporate FeNO values into clinical practice (10 minutes)
IV. 2011 ATS Clinical Practice Guideline: Interpretation of Exhaled Nitric Oxide Levels (FeNO) for Clinical Applications
V. Case Study discussion (10 minutes)
VI. Questions and Answers (10 minutes)
Nitric Oxide (NO) Production

- NO endogenous regulatory molecule
- Synthesis regulated by family of enzymes — NO synthases (NOS)
- Inducible NOS-derived NO is predominantly produced in bronchial wall epithelial cells
- Exhaled NO levels increase during Th2 (allergic) inflammation — often correlates with eosinophilic inflammation

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Device and Components
NIOX VERO Device and Components

A. Breathing handle & cap
B. Sensor (supplied separately)
C. NIOX VERO device
D. Rechargeable battery
E. NIOX panel USB
F. USB cable
G. Power adapter & cord
H. Filter (supplied separately)

Self-Assessment Questions

1. What does the 2011 ATS Guidelines consider as a significant increase or decrease in FeNO values?
2. What are the recommended (2011 ATS Guidelines) cut points for FeNO values? Low, Moderate, High?
3. What are some of the factors that can affect FeNO values? Increase or Decrease?
4. What coaching cues are best for acquiring a successful measurement?

Questions

- This presentation is not intended to replace careful reading of the NIOX VERO user manual.
- Read the entire instructions for use to ensure full understanding of all safety and usage information.