

# PulmoScan

Most advanced lung function assessment *without forced breathing*



First FDA-cleared portable and wireless FOT\* device to identify airway obstruction

\*Forced Oscillation Technique also known as lung oscillometry/Impulse Oscillometry-IOS

Based on globally adopted clinically validated FOT test

- No forced breathing or patient training
- Needs <1 min of tidal breathing
- Distinguish central and peripheral airway obstruction
- No special staffing requirement

## Identify Obstruction

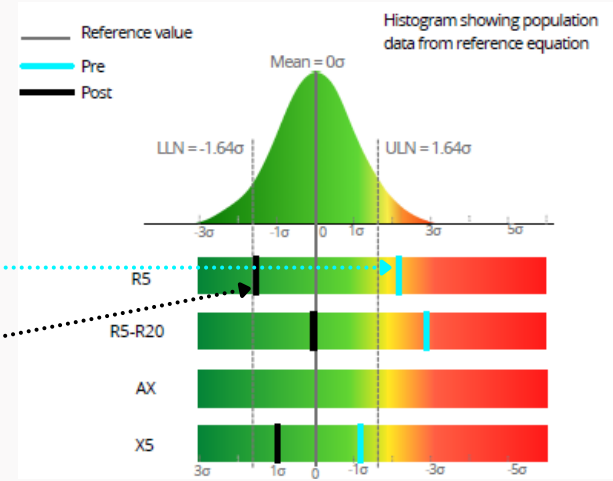


High Resistance



Low Resistance

## Quick interpretation using advanced visualization



- Quickly identify obstruction compared with population reference
- Check bronchodilator reversibility

Studies show FOT as more sensitive than Spirometry in detecting early lung function decline\* and bronchodilator reversibility\*

\*Data from Jetmalani et al. '16, Su et al. '18, Cho et al. '20, Desiraju et al. '16, Saadeh et al. '15, Frantz et al. '12

App and cloud-connected for true mobility.

- Advanced intuitive iOS/Android tablet application
- True wireless mobility allows safe testing in the waiting room, bedside, or home
- Cloud portal to track trends over time
- US FDA Cleared
- Used in more than 10 countries
- Developed by renowned Rice University, USA researchers
- Multiple publications with 1500+ subjects

