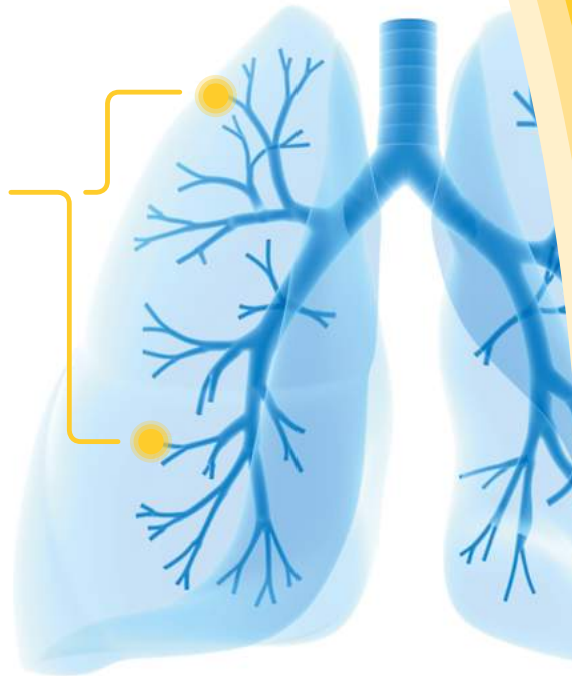


Shaping New Perspectives on Pulmonary Function

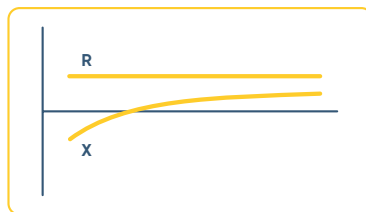
 **tremoflo**[®]
Airwave Oscillometry
Fast, Easy Assessment of
Small Airway Function



THORASYS

Airwave Oscillometry in a Nutshell

More information at www.tremoflo.com

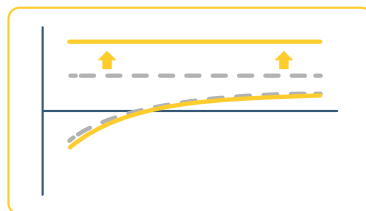


1. Fast & Easy

To assess respiratory function, the tremoflo adds a gentle oscillatory wave to the patient's regular, quiet breathing. A measurement duration of only 20 seconds allows three repetitions within a couple of minutes.

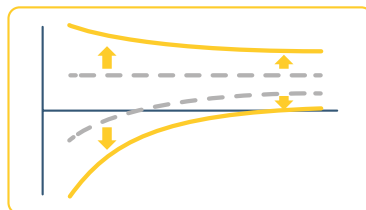
2. Outcomes

The tremoflo provides curves of Resistance (R) and Reactance (X) as well as parameters reflecting large and small airway function. For details, visit www.tremoflo.com/outcomes.



3. Central Obstruction

An obstruction of the large, central airways causes a parallel upward shift in R while X remains largely unchanged.

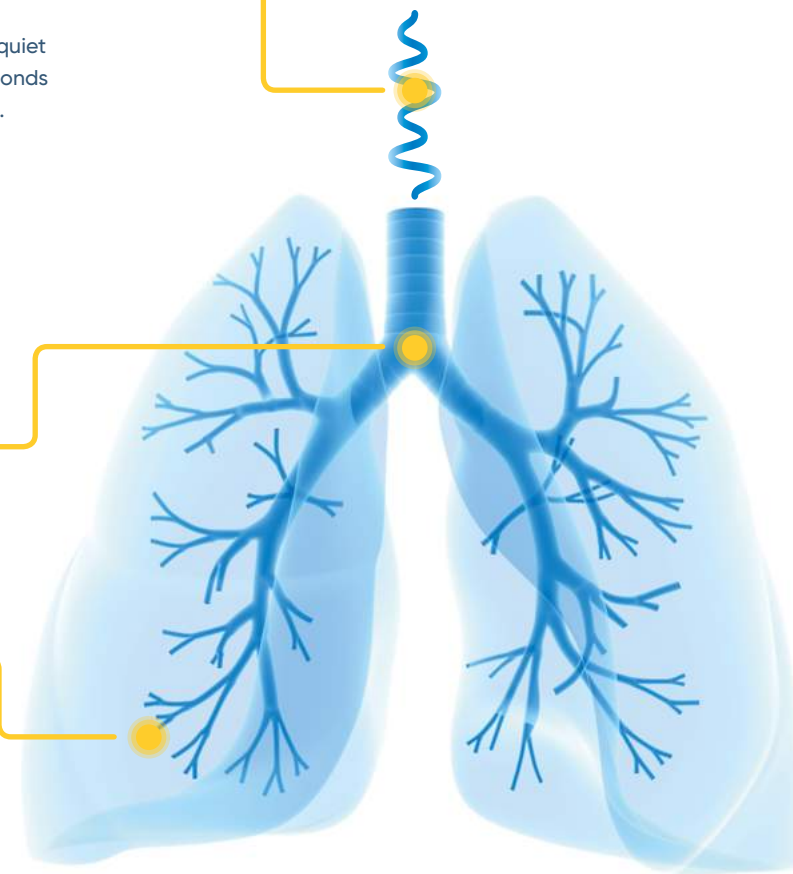


4. Peripheral Obstruction

Obstruction of the small airways in the peripheral lung causes a downward shift in X along with an increase in R. In presence of heterogeneities, R also becomes curved.

5. Dynamic Collapse

Dynamic collapse and expiratory flow limitation cause dramatic changes in X, especially during expiration.



The innovative tremoflo C-100 Airwave Oscillometry System (AOS) offers fast, easy assessment of large and small airway function. Measurements are obtained during tidal breathing and without patient effort. The tremoflo is excellently suited for a wide range of patients, from preschoolers to the elderly.



tremoflo C-100

Airwave Oscillometry System (AOS)

Measurement Principle	Oscillometry (Forced Oscillation Technique, FOT)
Oscillator Technology	Breathe-through Vibrating Mesh (Patented)
Measurement Modes	AOS: Pseudo-random noise
Measurement Duration	20 sec (typ.), user adjustable 3 repetitions (as per guideline)
Patient Interface	Bacterial/viral filter with integrated mouthpiece
Dimensions & Weight	7.5 x 5.1 x 5.5 in, 1.5 lb (handheld only) 8.3 x 5.5 x 9.4 in, 3.7 lb (handheld & cradle)
Performance	Meets and exceeds ERJ 2003, 22: 1026-1041
Marks & Licenses	Health Canada, CE Mark, ARTG

More information at www.tremoflo.com



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