



# Long-term variability of oscillatory impedance in stable obstructive airways disease

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Shareable abstract (@ERSpublications)

FOT parameters have good long-term repeatability in patients with stable obstructive airways disease, facilitating its ability to detect sensitive changes in airways disease. Novel cut-off values presented may help determine clinically significant change. <https://bit.ly/3emL7FI>

**Cite this article as:** Rutting S, Badal T, Wallis R, *et al.* Long-term variability of oscillatory impedance in stable obstructive airways disease. *Eur Respir J* 2021; 58: 2004318 [DOI: 10.1183/13993003.04318-2020].

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Received: 21 Sept 2020  
Accepted: 1 March 2021

*To the Editor:*

Respiratory oscillometry (or forced oscillation technique (FOT)), measures the mechanical properties of the respiratory system by superimposing oscillatory pressure waves at the mouth during quiet tidal breathing. Parameters include respiratory system resistance ( $R_{rs}$ ), a measure of airway calibre, and reactance ( $X_{rs}$ ), representing the elastic and inertive properties which are sensitive to airway closure [1]. FOT is increasingly being used for clinical monitoring of airways disease, which complements spirometric function [2].

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