

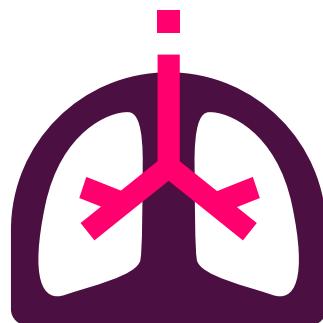
Centralized FOT services

Low-strain oscillometry endpoints for respiratory trials

Assess respiratory efficacy and safety earlier and easier

Forced oscillation technique (FOT) is an emerging endpoint in asthma, COPD and other respiratory clinical trials. This non-invasive technique superimposes a multi-frequency airwave on top of a patient's normal breathing to assess airway resistance (R), reactance (X) and other lung function parameters. Used in combination with FEV1 and other endpoints, FOT is particularly useful for indications that impact the small air pathways of the lungs. These changes can be detected earlier when compared to spirometry or imaging.

FOT is easy to perform for a wide range of subjects, including elderly and pediatric patients. Unlike other pulmonary function tests, FOT requires virtually no effort as patients simply breathe normally into a mouthpiece, support their cheeks and use a nose clip. This typically results in lower data variability, and greater data usability, than that produced by effort-dependent tests. Additionally, FOT can be collected from intubated patients on mechanical ventilation or even from patients who are asleep. Ease of use also minimizes site training requirements as patients are primarily instructed on the device with little emphasis on technique.



Improved monitoring of early lung disease progression and a better patient experience

Increase data quality with centralized FOT solutions

We deliver centralized FOT services through the integration of the Thorasys® Tremoflo® device with Clario MasterScope™ and the EXPERT® platform. MasterScope provides tremoflo workflow management for protocol compliance and real-time display of signals for improved quality monitoring and compliance. Reports are

available for sites to view through MasterScope and on the Clario portal for remote monitoring. Combined with our experience collecting cardiac safety, eCOA and imaging data, your study will benefit from increased data quality, reduced site burden, improved oversight and shorter timelines.



MasterScope®



Thorasys® Tremoflo®

Advanced FOT data collection and analysis for your clinical trial.
To learn more, go to clario.com or email info@clario.com

Clario generates the richest clinical evidence. Fusing our deep scientific expertise and global scale into the broadest endpoint technology platform, we empower our partners to transform lives.

Quality and Safety eResearchTechnology GmbH operates a Quality Management System according to EN ISO 13485 and 21 CFR Part 820.

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