

## Combining Avatar-Assisted Spirometry with Centralized Expert Review

Why should sponsors choose MERIT and Monitored Therapeutics, Inc. (MTI) for centralized spirometry services in respiratory clinical trials? Because MERIT and MTI offer the best of both worlds: consistent data capture software with Avatar-Assisted Technology paired with human oversight from highly qualified respiratory experts. In addition, all spirometry data (accepted and rejected efforts) can be viewed in MERIT's cloud-based platform, EXCELSIOR™, which provides 24/7 real-time data access.



### MERIT BENEFITS



All spirometry data in EXCELSIOR



Respiratory Therapists (RTs) review every effort



MERIT RTs provide final review and grading



Ensures high-quality data



Preserves regulatory authority oversight



### MTI BENEFITS



Step-by-step Avatar coaching



Identifies maneuver errors automatically



19 languages supported



Decreases spirometry variability



Increases spirometry quality



**MTI's GoSpiro** system includes a real-time coaching avatar (“Lisa”) that guides subjects through each maneuver.

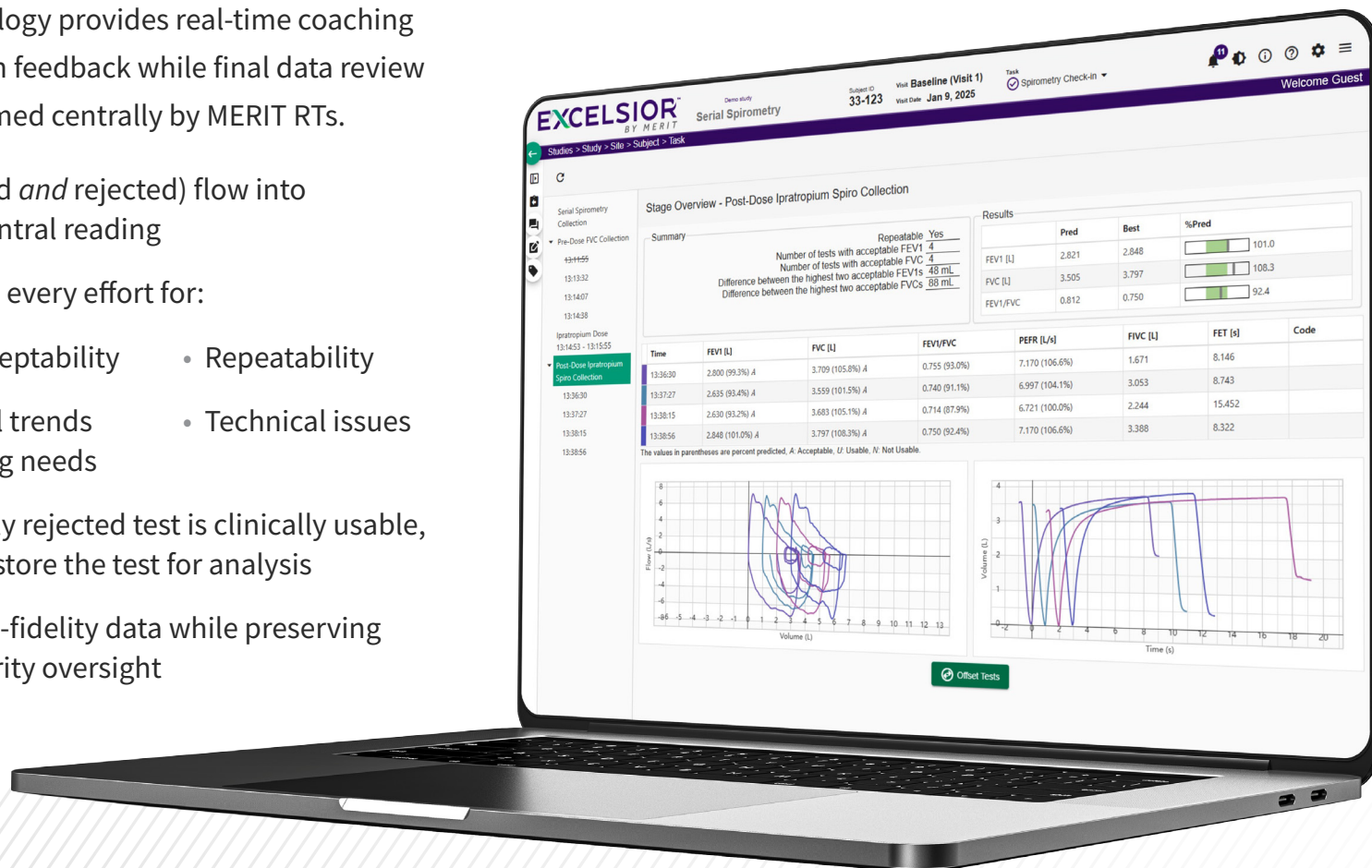
## BENEFITS INCLUDE:

- ✓ Provides step-by-step coaching based on real-time flow/volume detection (Lisa knows exactly where the patient is in the exhalation cycle)
- ✓ Identifies maneuver errors automatically and coaches subjects on how to correct them
- ✓ Currently supports up to 19 languages ensuring accurate coaching for multilingual global sites
- ✓ Standardized coaching independent of site experience—no operator fatigue, no variability across sites and technicians
- ✓ In >20,000 site spirometry tests, >95% met ATS/ERS repeatability criteria

## MERIT'S PROCESS:

Avatar-Assisted Technology provides real-time coaching and preliminary session feedback while final data review and grading are performed centrally by MERIT RTs.

- ✓ All tests (accepted *and* rejected) flow into EXCELSIOR for central reading
- ✓ MERIT RTs review every effort for:
  - ATS/ERS acceptability
  - Repeatability
  - Patient-level trends and coaching needs
  - Technical issues
- ✓ If an automatically rejected test is clinically usable, MERIT RTs can restore the test for analysis
- ✓ This ensures high-fidelity data while preserving regulatory authority oversight





## **MERIT and MTI respiratory solutions meet participants and sites where they're at.**

Whether pulmonary function tests are performed in-clinic and constitute your primary endpoint, or participants are performing home spirometry as a safety endpoint, MERIT and MTI solutions ensure high-quality, reproducible spirometry data. MERIT's tenured in-house experts support each site with personalized guidance and proactive oversight—so issues are addressed before they become delays.



**Amanda Weber**

Associate Director, Partnership Management  
at MERIT

[aweber@meritcro.com](mailto:aweber@meritcro.com)

P: (608) 284-8810 



[meritcro.com](https://meritcro.com)



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