



# ArtiQ.PFT

PFT Interpretation  
Workflow Support





# Challenges with PFT Interpretation today:

## Time consuming

Pulmonologists use countless hours per week characterizing lung function using submitted PFT parameters

## Expert dependent

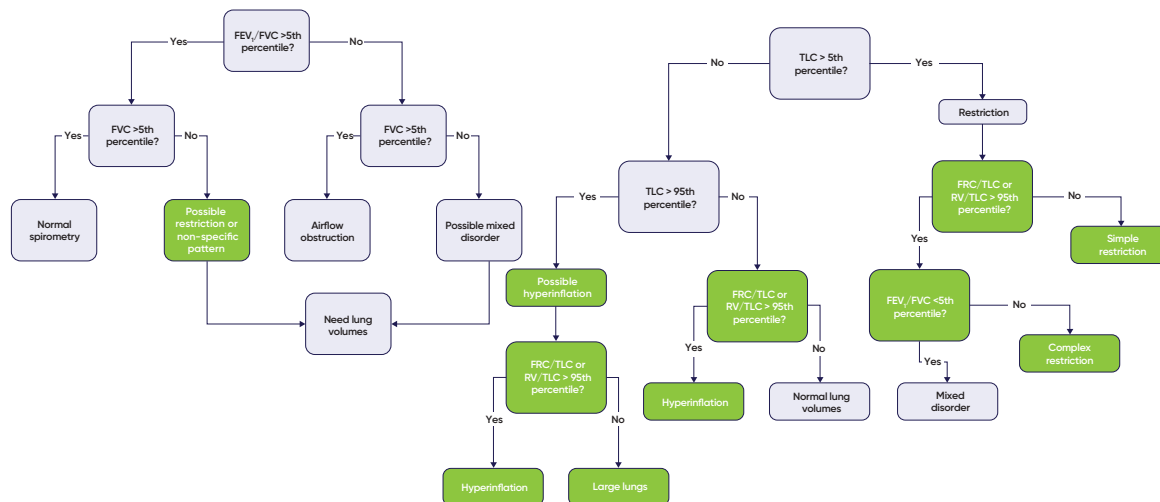
Accuracy in recognizing patterns of PFT data depends on up-to-date knowledge of latest international interpretation standards and experience in the field

## Inconsistent

High degree of variation exists, even between expert interpretations of PFTs

## 2021 ERS/ATS Interpretation Standards

Restrictive & DLCO impairment classifications, Z-score severity classification for more parameters than before.



## Introducing **ArtiQ.PFT** for SentrySuite™ Review

ArtiQ.PFT software automates your review of Pulmonary Function Tests (PFTs). ArtiQ.PFT quickly and accurately recognizes patterns and characteristics of routine lung function tests, generating text statements and classification in-line with current ERS/ATS standards.



**Spend your time wisely**

Spend your time on clinical decision making and patient consultation.



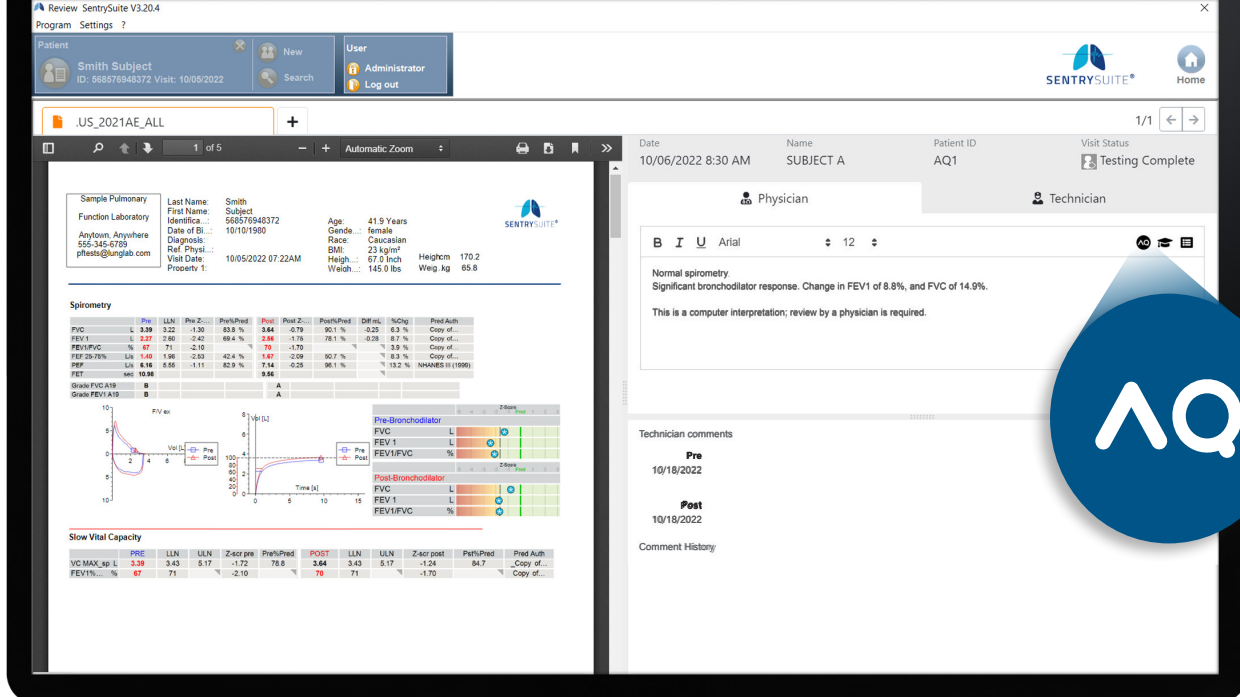
**Boost your consistency**

Standardize every PFT report at your center in line with international guidelines.



**Enhance accuracy**

Leverage automated pattern recognition to characterize spirometry, DLCO, LV, methacholine, and FENO.

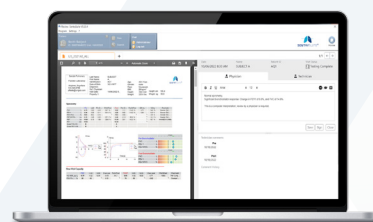


## Assisted Interpretation with a single click

- ✓ Takes weekly routine PFT review from hours to minutes
- ✓ Identify patterns and degree of altered lung physiology in seconds
- ✓ Improve accuracy while increasing lab efficiency
- ✓ Cut down the learning curve of new interpretation standards
- ✓ Reduce time to treatment while maintaining high quality standards
- ✓ As soon as ArtiQ incorporates updates to International Standards, they are immediately available to use
- ✓ Ensure consistency and standardization

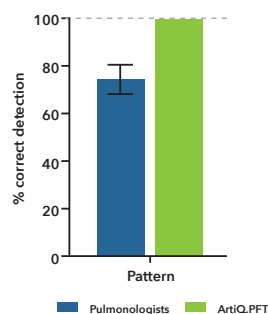


Secure, Cloud-based software seamlessly integrates into your SentrySuite™ Review



A multi-center study recently published\* where 120 pulmonologists from 16 hospitals evaluated 50 PFT studies and some basic clinical information, resulting in 6000 independent interpretations showed individual experts were only able to accurately characterize the PFT pattern 56-88% of the time.

<https://erj.ersjournals.com/content/early/2019/01/30/13993003.01660-2018>



# Who is ArtiQ?

- Spin-off from University of Leuven (Belgium)
- After 8 years of extensive research
- Founded by an AI engineer, 2 pulmonologists and a medical technology expert.
- **Mission:** ArtiQ empowers medical professionals with software to accurately and timely diagnose, treat and follow-up patients with lung diseases.



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