

PFT SOFTWARE PLATFORM

SPIROWARE®



ECO MEDICS

POWERFUL PULMONARY FUNCTION TESTING

SPIROWARE® Software is an easy to use and application-oriented tool for performing, analyzing and reporting comprehensive pulmonary diagnostics. In combination with the **ECO MEDICS** devices **EXHALYZER®D** or **ANALYZER CLD 88 SP** with **DENOX 88**, it offers a simple yet efficient graphical user

interface for performing the measurement, data evaluation and documentation. **SPIROWARE®** fulfills highest standards of functionality and the recommendations of the **ATS/ERS** for lung function testing.

Integrated Data Security

- Identity and access management with user-specific login
- Trace files for login, and system settings
- Calibration and verification log files and reports
- MS SQL data storage

Efficient Workflow

The intuitive graphical user face including step-by-step guidance facilitates an efficient workflow from patient selection to reporting.

Easy Data Import and Export

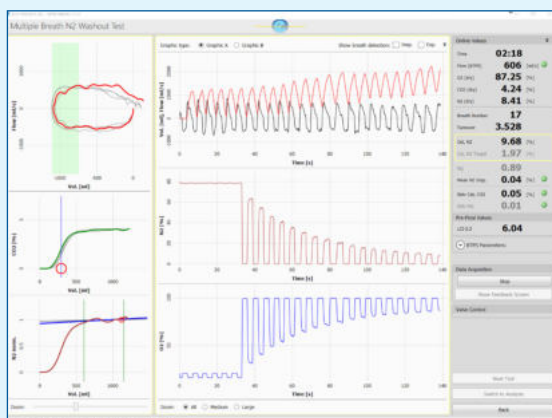
SPIROWARE® supports data exchange with hospital information systems (HIS) or IT systems in private practices. Information such as patient data, numerical and graphical test results can be easily transferred.

IMPORT PATIENT DATA

LOG IN

REGISTER PATIENT

MEASURE



Built-in Quality Control

Several built-in quality checks signal the status of the instrument and measurement. Malfunction of the instrument or measurements beyond defined limits are indicated by warning messages.

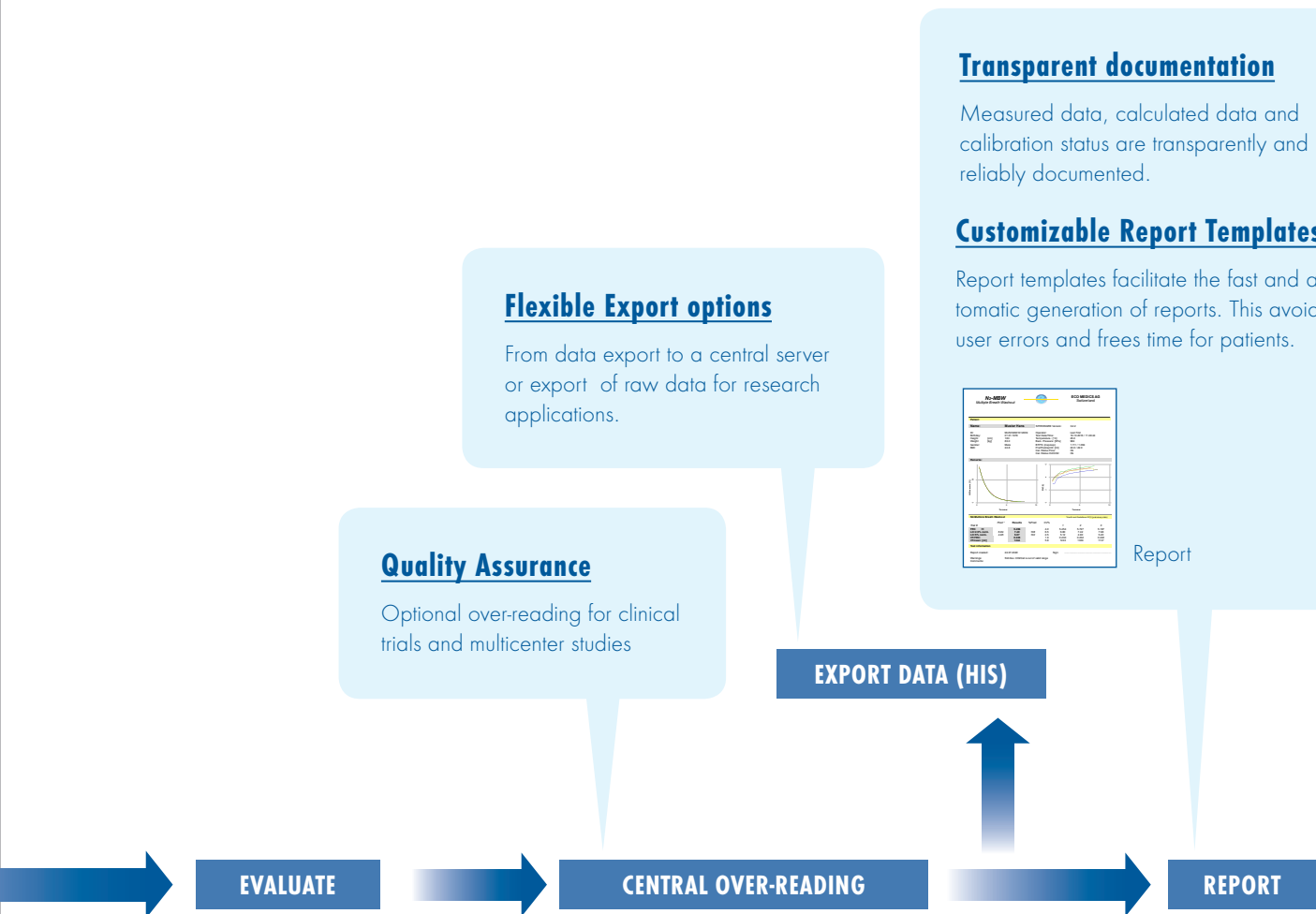
Measurement View

The measurement view provides an overview of all important graphs and parameters:

- Flow-volume loops
- Capnogram
- Expired N₂
- Flow, volume, N₂, O₂, CO₂ curves
- Online values report the status of the measurement

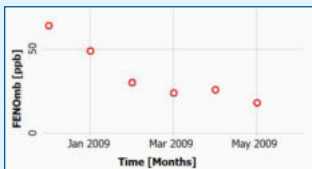
ATS/ERS Reference Compliant

SPIROWARE fulfills the ERS and ATS recommendations, such as quality control mechanisms, graphical display of key parameters and breath-by-breath calculations in multiple breath-measurements.



Evaluation

Various parameters are calculated from the measured data and statistically analyzed. All graphs are color coded for quick interpretation. The integrated trend chart provides information about the patients' test history and can give guidance for future treatments.



Trend Chart

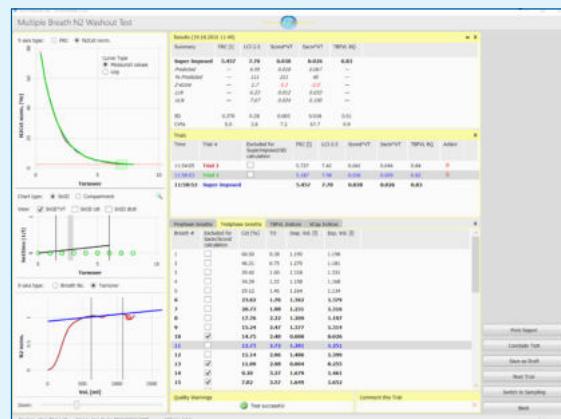
Evaluation View

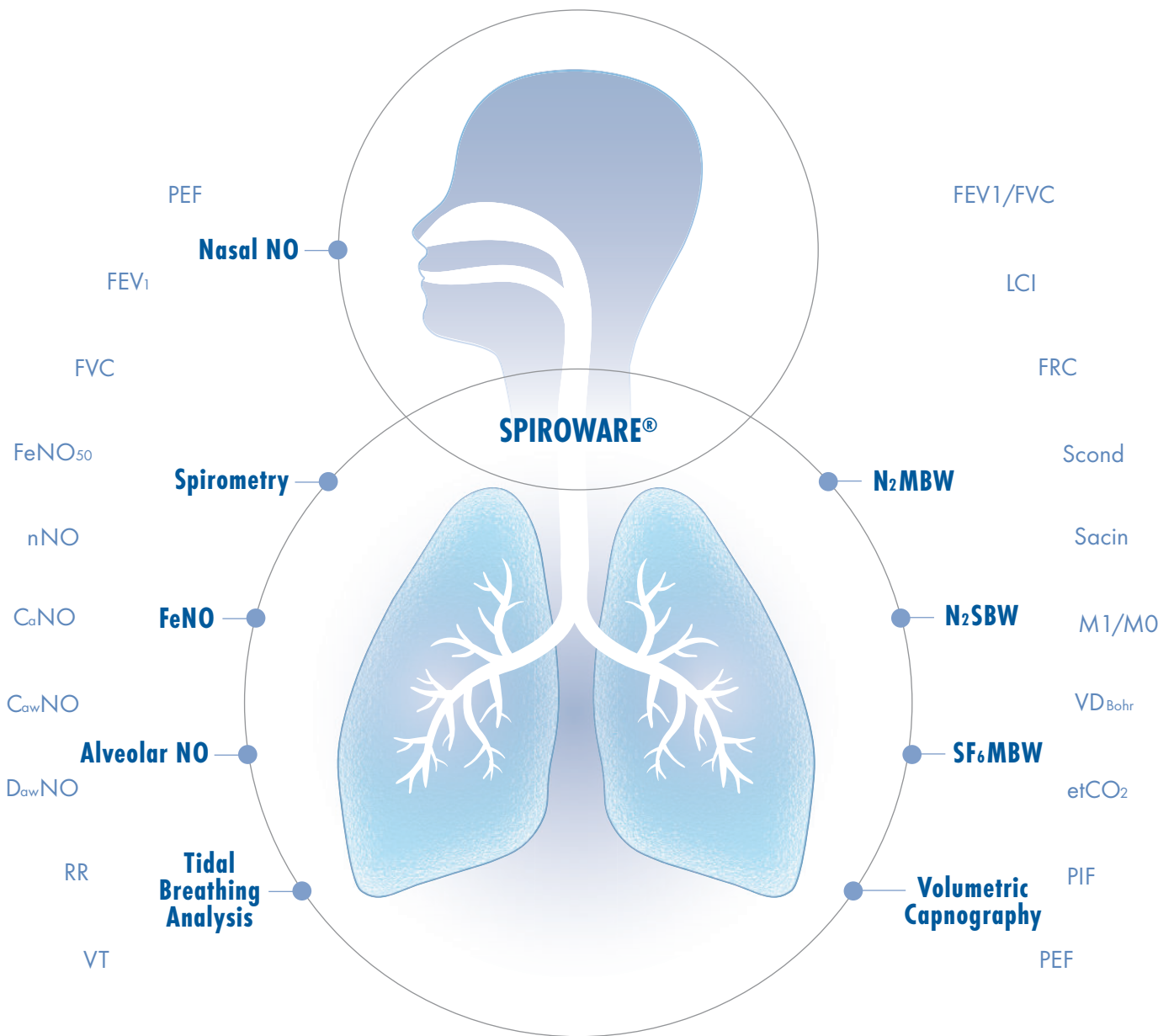
The evaluation view allows the detailed analysis:

- Overview of results with statistical evaluation
- Comparison with reference values
- Trial Selection
- Individual breath analysis
- Customizable parameter table
- Quality criteria

Reference Database

A large database of reference values supports the correct interpretation of measured results. Import of additional reference values is possible.





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