

BlueNight® Trainer

The wireless ambulatory solution
for your walk tests

Improve the control of treatment effectiveness for
your patients and optimize the follow-up of their
rehabilitation program.

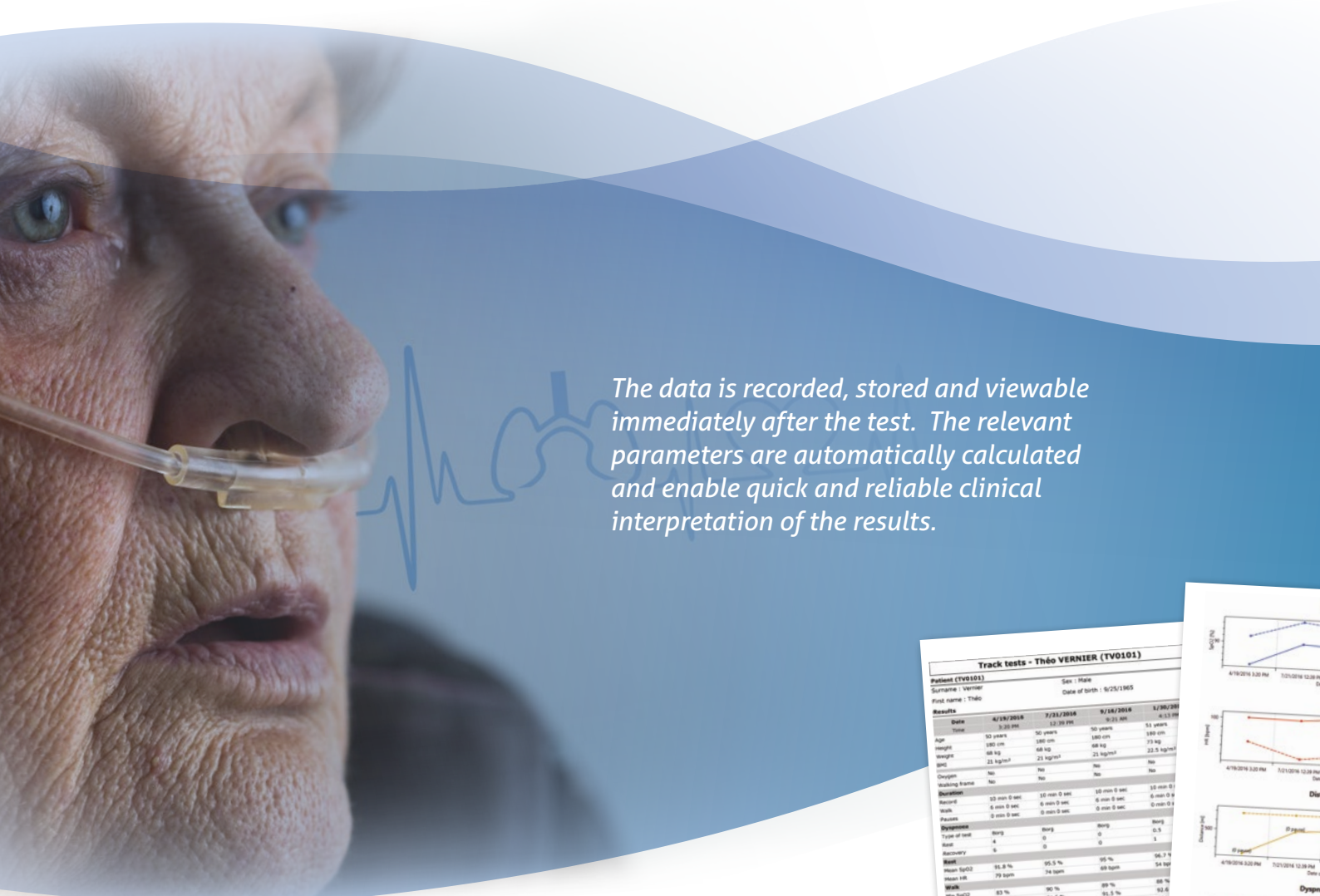


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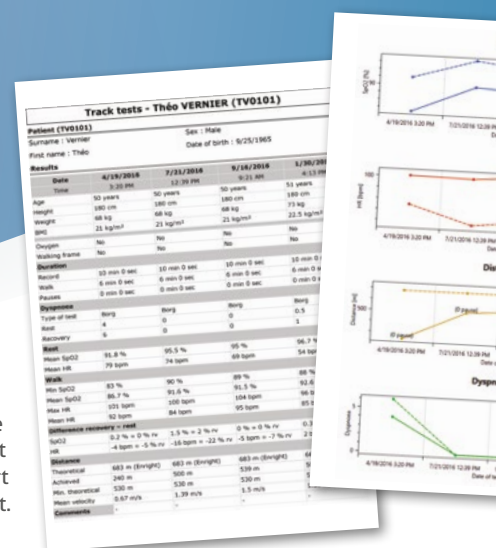
The complete ambulatory solution for your 6-minute walk tests (6MWT), combining reliability and ease of use.

The **BlueNight®** Trainer is a software including a tablet pre-installed with **BlueNight®** software and **BlueNight®** Acor + software to manage patient data on your PC associated with a Nonin-type oximetry sensor.

During a 6-minute walk test (6MWT), oxygen saturation and heart rate are measured by the oximeter and displayed in real time on the tablet via secure Bluetooth® technology.

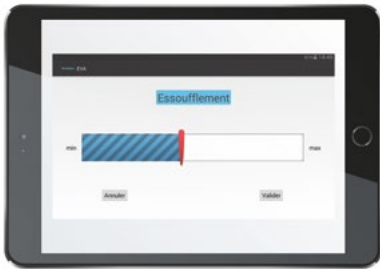


The data is recorded, stored and viewable immediately after the test. The relevant parameters are automatically calculated and enable quick and reliable clinical interpretation of the results.



A few clicks are enough to print a customizable report in DOC or PDF format.

Reliability and ease of use



► Dyspnea evaluation

Your patient can type in his dyspnea (EVA or Borg) at the beginning and end of recording.



► Real-time display

During test, the software displays and records, in real time, oxygen saturation and heart rate.

Results	No	Walking frame	No
Oxygen			
Dyspnoea (Borg)	0	Recovery	3
Rest			
Mean SpO2	92.4 %	Mean HR	66 bpm
Effort			
Min SpO2	82 %	Max HR	117 bpm
Mean SpO2	87 %	Mean HR	99 bpm
Difference recovery - rest			19 bpm = 28 % rv
SpO2	1.6 % = 2 % rv	HR	
Distance		Mean velocity	0.79 m/s
Achieved	286 m (52 % Th. D.)	Min. theoretical	394 m
Theoretical (Enright)	547 m		

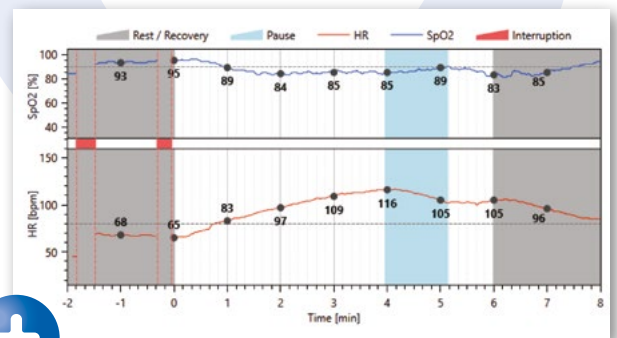
► Full report

On your computer, the software automatically calculates the theoretical distance (Enright or Troosters) based on the patient's physiological data and compares it with the actual distance completed during the test.



► Multi-test reports

A database allows you to track your patient's progress by comparing several walk tests in a single report.



► Oxygen therapy patients

By manually type in oxygen treatment level, you can obtain a more detailed report to perform your own evaluation.



Specifications



Oxymeter	Weight	71 g (incl. sensor)
	Power supply	2 AAA batteries, 1.5V
	Autonomy	24 hours with Bluetooth
Measured parameters	Oxygen saturation	0 to 100% (SpO ₂)
	Oxygen saturation accuracy	70 - 100% ± 2
	Heart rate	18 to 321 beats per minute
	Heart rate accuracy	± 3%
Calculated and typed in parameters	Walked distance, theoretical walked distance (m), Lowest and mean oxygen saturation (%), highest and mean heart rate, supplied O ₂ type, test duration, number of pauses, Pauses duration, BMI	
Operating environment	Operating temperature	-5° to +40°C
	Storage and transport temperature	-40° to +70°C
	Operating relative humidity	10 to 95%
	Storage and transport relative humidity	10 to 95%
Tablet	Android system	
	7" screen	
Class 2a Medical Device according EEC 93/42 directive		