

BlueNight® Trainer

The wireless ambulatory solution
for your walk tests

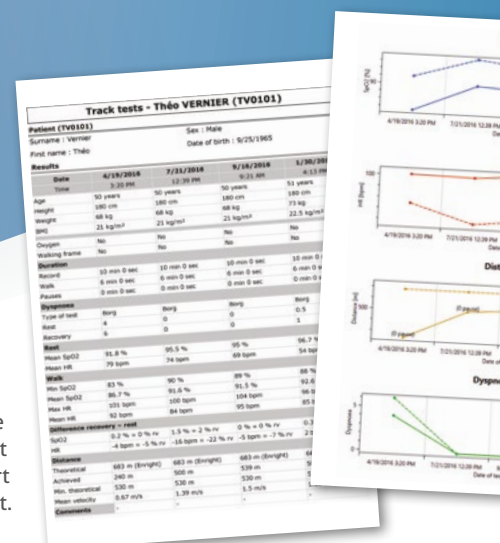
Improve the control of treatment effectiveness
for your oxygen therapy patients and optimize
the follow-up of their rehabilitation program.



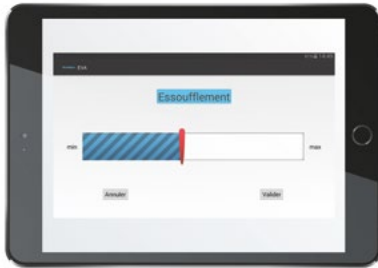
The **BlueNight®** Trainer ambulatory system includes a Nonin-type oximetry sensor, a tablet pre-installed with **BlueNight®** software and BlueNight® Acor+ software to manage patient data on your PC.

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

A dyspnea test (EVA or Borg) is proposed at the beginning and at the end of the recording.



► Real-time measurements

The software records data in real time throughout the distinct rest, walking, recovery and pause phases.

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

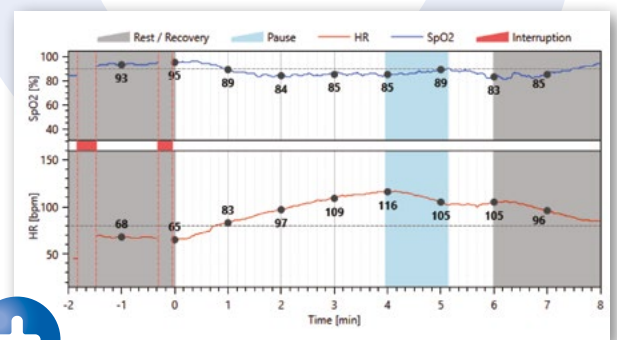
► Full report

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

Easily set up and monitor the treatment of your patients on oxygen thanks to BlueNight®.



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%
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	