

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.



BlueNight® Trainer

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

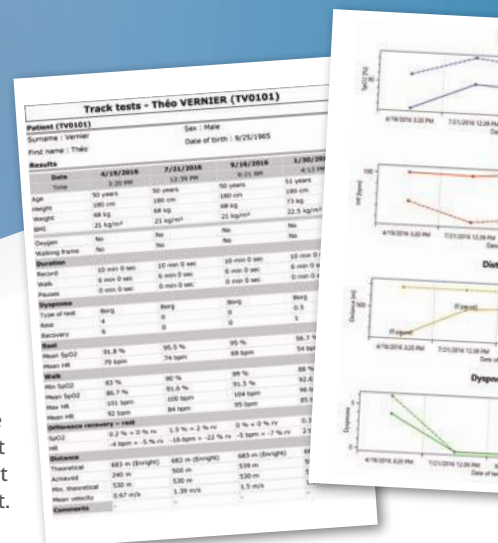
The **BlueNight®** Trainer ambulatory system includes a Nonin-type oximetry sensor, a tablet pre-installed with **BlueNight®** software and BlueNight® Acor+ software to manage patient data on your PC.

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

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 |
| Rest | | Mean SpO2 | 92.4 % |
| Effort | | Max HR | 117 bpm |
| Min SpO2 | 82 % | Mean HR | 99 bpm |
| Mean SpO2 | 87 % | | |
| Difference recovery - rest | | HR | 19 bpm = 28 % rv |
| SpO2 | 1.6 % = 2 % rv | | |
| Distance | 286 m (52 % Th. D.) | Mean velocity | 0.79 m/s |
| Achieved | | Min. theoretical | 394 m |
| Theoretical (Enright) | 547 m | | |

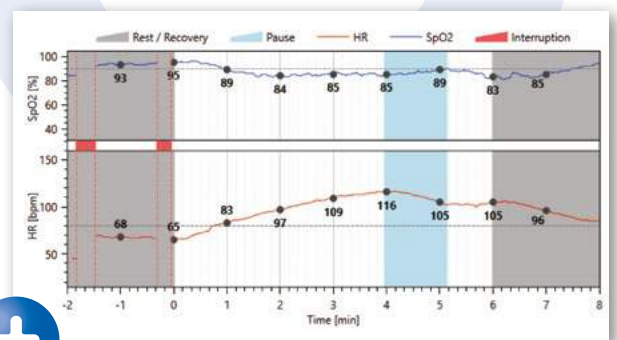
► Full report

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 | |