

Screenener

■ **Your
innovative and
powerful sleep
screening
solution**

BlueNight® Screenener is a diagnostic system for sleep disorders combining comfort, reliability and simplicity of use.

Based on an innovative method of analysis of the sleep fragmentation, BlueNight® Screenener is a non- invasive ambulatory solution by which you can easily monitor patients at home.





Principle

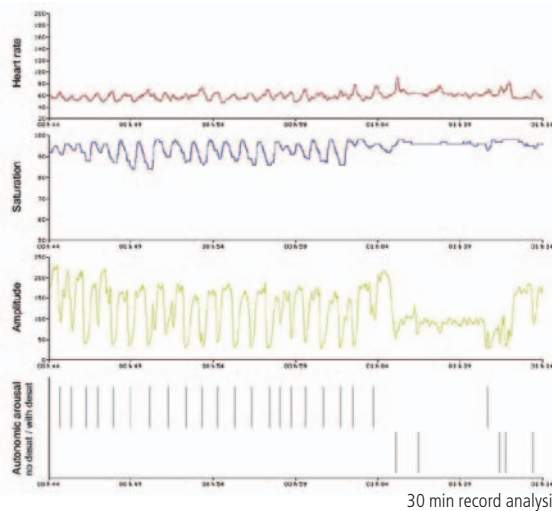
BlueNight® Screener is an ambulatory system for diagnosing sleep-related breathing disorders. It consists of a pulse oximeter and the software BlueNight® Reader to read and analyse the recorded data.

Innovative, BlueNight® Screener analyses the sleep fragmentation through the association between autonomic micro-arousals (AMA) and oxygen desaturations.

Thanks to the software, the recorded data are easily downloaded to your computer and can be analysed in automatic or manual mode. After a few clicks, the results can be printed out as a customized report in DOC or PDF format.

Applications

- Detection of sleep-related breathing disorders
- Titration and control of CPAP (Continuous Positive Airway Pressure) and HOT (Home Oxygen Therapy)
- Outpatients guidance and management



Advantages

User-friendliness and ease of use give patients greater freedom and comfort during the overnight oximetry at the hospital or at home.

Accurate analysis of sleep fragmentation through the detection of respiratory and non-respiratory micro-arousals.

Instant and customizable generation of the report (complete, partial or shared) in DOC or PDF format, including the Epworth Sleepiness Scale score if answered.

Efficient database to ease the management of your patients' files.

Seal of the distributor

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Nocturnal Oximetry

Patient information:

Surname: Patient	Sex: Male
First Name: Demo	Height: 160 cm
Date of birth: 25/03/1954	Weight: 56 Kg
Age: 56	BMI: 21.87 Kg/m ²

Record:

Performed on 18/04/2010 at 21h34 Length: 08 h 00 m 18 s
Analyse from 21h34 to 05h35

Comments:

Saturation analysis:

Results	
Minimum	80.00 %
Average	94.88 %
Time spent < 90%	00 h 25 m 20 s
No of periods > 5 min and < 89%	0
Variability index	1.65
Desaturation index ≥ 2%	62.47
Desaturation index ≥ 3%	48.61
Desaturation index ≥ 4%	38.38
Desaturation index (User)	48.61

Sleep fragmentation analysis:

	AMA index (No/h)	
Total AMA	48.89	= 100% of AMA
AMA + Desaturation ≥ 2%	43.56	= 89% of AMA
AMA + Desaturation ≥ 3%	38.80	= 79% of AMA
AMA + Desaturation ≥ 4%	33.20	= 68% of AMA
AMA + Desaturation (User)	38.80	= 79% of AMA

Specifications

Measurements range

SpO ₂	0 to 100 %
Heart Rate	18 to 300 beats per minute

Accuracy

Saturation (%)	70 - 100 % ± 2
Heart Rate	± 3 %

Batteries

Type	2 X AAA 1,5V
Capacity	24h in continuous operation with Bluetooth®

Size (cm)

	7.4 x 5.6 x 2 (H x L x D)
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Weight

	71 g (including batteries and straps)
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TECHNOLOGY