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Asthma and COPD patient Telemonitoring via WEB

Spot and overnight SpO2 and HR measurements Sleep apnea desaturation recording Also ideal for screening in the doctor's office

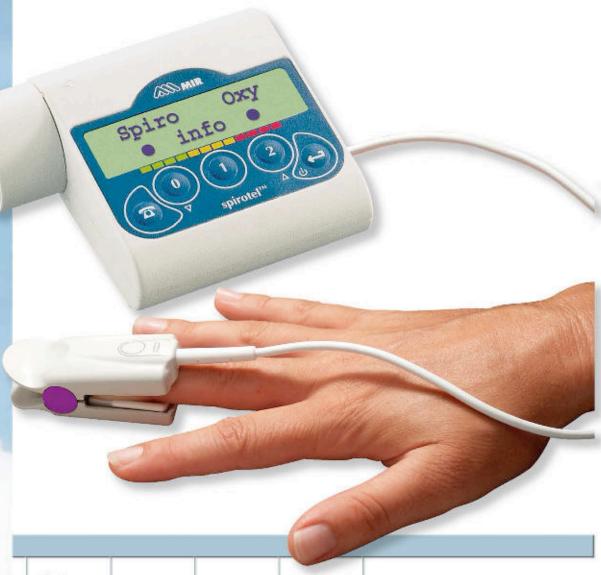
Patient tests easily transmitted via telephone

Without modem, without wires, without problems

Doctor secure access to the patient results via Internet

Easy data analysis with comprehensive graphic presentations

World's First Telemedicine "mini-lab" for Home Care







Spirote R Telespirometry + Oximetry in a single pocket device

3 data receiving systems available

- via Internet
- via PC-modem
- via RS232 cable

spirotel records:

- Spirometry: FVC, FEV1, FEV1%, PEF, FEF 25-75, FET, Flow/Volume loop and Volume/time curve
- Oximetry: %SpO2 and Heart Rate for spot and overnight recording (every 4 sec)
- Respiratory symptoms based on programmable questions

spirotel offers:

- COPD monitoring, sleep apnea screening, desaturation analysis
- Up to 24 hours SpO2 and HR recording
- Digital turbine for accurate measurements without calibration
- Large memory capacity for spirometry and oximetry tests
- Internal software upgradeable via WEB

User friendly

- Switch ON/OFF, spirometry, oximetry and data transmission keys
- Spirometry test quality control
- Automatic test interpretation by traffic light
- Programmable warnings for SpO2 and Heart Rate levels
- Ideal for adult and pediatric monitoring

Easy wireless data transmission

- spirotel is a pocket-sized device designed for patient use
- The test results are transmitted simply by making a call, placing the phone handset near to spirotel and pressing the key with the phone icon

Telemedicine



spirotel

towards the "virtual clinic" with major benefits both for patient and for health system

- Automatic data receiving by dedicated WEB server
- Test records accessible by the doctor via Internet
- Easy yet advanced PC software, for comprehensive data analysis
- Patient risk highlight by traffic light "flag" (green, yellow,red)
- Email or SMS message to the doctor to advise of data reception

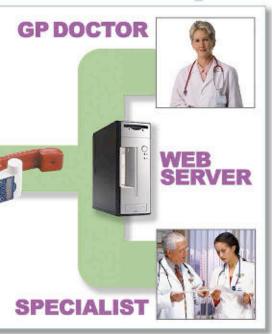


The easiest and most effective way to monitor and to prevent any exacerbation of the patient

WinspiroPRO PC Software

- Spirometry parameters, curves and symptoms trends for an ideal evaluation of patient's follow-up
- Sleep apnea detection and "walking test" recording with %SpO2 and Heart Rate profile
- Statistic analysis to assess desaturation events
- Data and graphs export also by email
- Can be integrated into other management systems

made simple

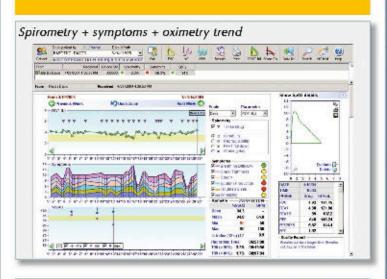


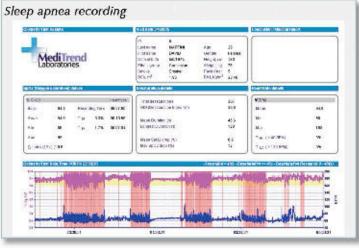
Perfect for clinical trials teleconsulting and e-Health Care

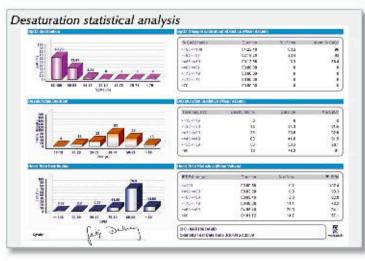
Usable in remote locations and in extreme conditions



Option: the test results can be transmitted directly to the doctor's mobile phone via MMS



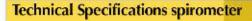




Spirote R Telespirometry + Oximetry in a single pocket device







Weight: 100 g with battery - Dimensions: 70x80x30 mm

Power supply: 3V Lithium battery CR123A Keyboard: Membrane keyboard, 5 keys

Display: STN LCD, 2 lines x 16 alphanumeric characters Data transmission: RS232 at 9600 baud or via telephone

Flow sensor: Digital Turbine Test duration: Maximum 60 s Flow range: ± 16 L/s

Flow accuracy: ± 5% or 200 mL/s, whichever is greater

Max volume: 10 L

Volume accuracy: \pm 3% or 50 mL, whichever is greater

Technical Specifications oximeter

SpO2 range: 0-99%

SpO2 accuracy: ±2% between 70-100% SpO2

HR range: 30-254 BPM

HR accuracy: ±2 BPM or 2%, whichever is greater



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Via del Maggiolino, 125 00155 Roma - Italy tel. +39 06.22754777 fax +39 06.22754785

> www.spirometry.com mir@spirometry.com