



Innovative solutions  
for the medical market

**Welcome to the latest S-Med newsletter.**

On our 10th Anniversary, S-Med would like to thank everyone that has supported us and helped us to grow into one of the leading Sleep Diagnostic Companies in the UK.

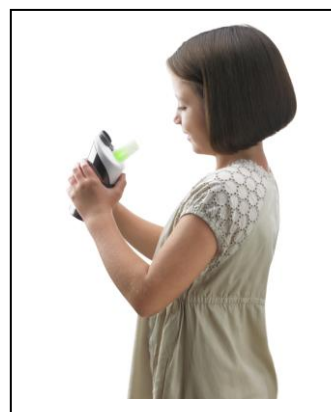
We are especially pleased to be introducing our first S-Med product, called **PIMS**. **PIMS** is a unique **Patient & Inventory Management System**.

PIMS is designed to provide Sleep Departments with a simple, yet efficient method of monitoring Patients through all phases of their history, keeping record of their CPAP machines, masks and accessories while tracking Service requirements over time.

PIMS offers full Inventory Management including Quantities, Minimum Stock levels, Cost Prices, etc.

In addition to PIMS, S-Med continues to work with SOMNOmedics and we are pleased to announce the release of a new version of software with many new and exciting features. Please refer to the New Features Manual which can be downloaded from our website.

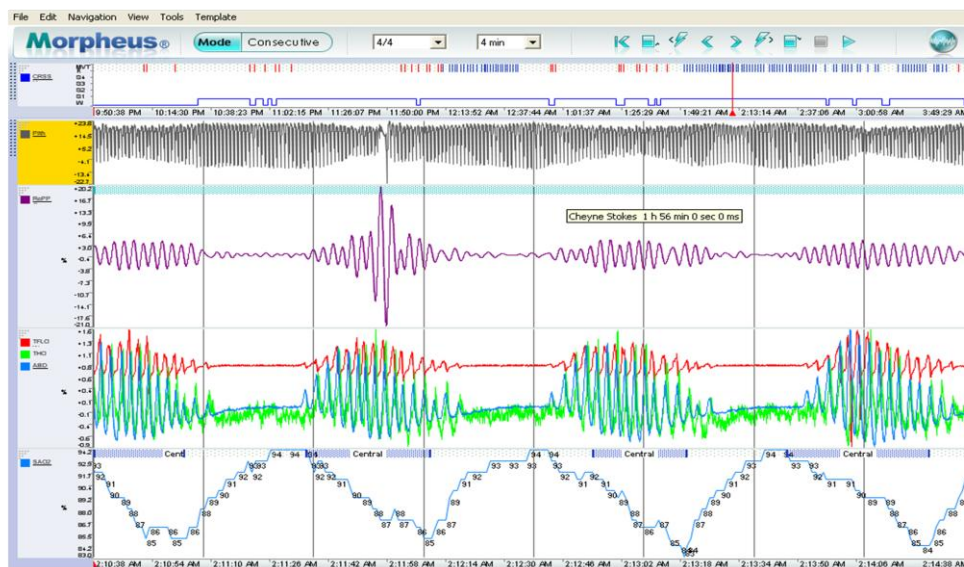
S-Med continues to look for Innovative solutions and to this end, we have introduced the X-Halo product to our range. The X-Halo is a small handheld device that measures the Exhaled Breath Temperature (EBT) as a marker for lung inflammation. This measurement can be used for predicting both Asthma and COPD exacerbations. There are a number of sites around the world that are using the devices both clinically as well as in research projects and a library of publications is developing.



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S-Med has also started working with a company called Widemed. Widemed have developed a software program called Morpheus<sup>®</sup> OX which uses advanced algorithms to extract Respiratory waveforms from the Plethysmographic Waveform recorded from a standard Pulse Oximeter. In addition, Snoring and Cardiac Data are collected. Using this system provides significantly more information than what is currently obtained from just Pulse Oximetry and helps to reduce both false positives as well as false negatives.

## Morpheus O<sub>x</sub> Respiration compared to PSG-recorded respiratory signals



Lastly, we are introducing a new range of High Quality Nasal and Naso/Oral Cannula for recording flow in sleep diagnostic systems. These new Cannula offer all the comfort and flexibility of our previous Cannula but at a much reduced price. The range now includes Adult, Paediatric and Neonatal Cannula and many come in different lengths.



If you require any further information, please contact us.