



12-Channel MediByte

Technology for Home Portable Monitoring

Meeting New Guidelines



"At a minimum, the PMs must record airflow, respiratory effort, and blood oxygenation. The type of biosensors used to monitor these parameters for in-laboratory PSG are recommended for use in PMs."*



"The sensor to detect apnea is an oronasal thermal sensor and to detect hypopnea is a nasal pressure transducer. Ideally, PMs should use both sensor types."*



"PM devices must allow for the display of raw data for manual scoring or editing of automated scoring by a trained and qualified sleep technician/technologist."*



"Ideally the sensor for identification of respiratory effort is either calibrated or uncalibrated inductance plethysmography."*



"Scoring criteria should be consistent with the current published AASM standards for scoring of apneas and hypopneas."*



* Clinical Guidelines for the Use of Unattended Portable Monitors in the Diagnosis of Obstructive Sleep Apnea in Adult Patients
Portable Monitoring Task Force of the American Academy of Sleep Medicine. JCSM Journal of Clinical Sleep Medicine, Vol. 3, No. 7, 2007

Home Sleep Testing – Common Questions and Answers

What are the BRAEBON Home Sleep Testing (HST) devices called?

BRAEBON offers two HST devices for recording snoring and sleep apnea: the BRAEBON MediByte® is our 12-channel Level 3 HST device and the MediByte® Junior is the 6-channel Level 3 HST version.

What's the difference between the MediByte and its sibling, the MediByte Junior? The MediByte is a complete 12-channel Level 3 recorder which exceeds all new home sleep apnea testing guidelines. The MediByte Junior is a 6-channel Level 3 recorder which can be upgraded to a Level 3 device simply by adding one respiratory effort belt. This entry-level Home Sleep Testing device complies with all CMS requirements for either Level 4 or Level 3 Home Sleep Testing.

What exactly does the MediByte and MediByte Junior record?

	MEDIBYTE® Junior 6 Channels	MEDIBYTE® 12 Channels
Airflow (OroNasal Pressure Cannula)	•	•
Snoring (OroNasal Pressure Cannula)	•	•
SpO2	•	•
Pulse Rate	•	•
Body Position	•	•
CPAP Pressure	•	•
Event Marker	•	•
Chest Effort (RIP)	Optional	•
Abdominal Effort (RIP)		•
SUM (RIP)		•
Airflow (OroNasal Thermistor)		•
Audio (Microphone)		•
Volume (dB)		•
EKG		•
EMG (PLMs, Bruxism)		•
Number of software installations per recorder	3	3
Size	World's Smallest Type 3 3"x2.5"x1" 63x76x25mm	World's Smallest Type 3 3"x2.5"x1" 63x76x25mm
Weight in grams (including battery)	81 (2.6 oz)	84 (2.7 oz)
Location worn during recording	Chest	Chest

What is the per use cost of running a test with the MediByte?

The cost to do a test with the MediByte can be around \$7

How long has the MediByte been on the market?

BRAEBON has been selling the MediByte since November 2006 and today it is used on six continents.

Are patient instructional videos available?

Yes, go to http://www.braebon.com/mp8_demo.html to download the MediByte instructional videos. Go to http://www.braebon.com/medibyte_jr.html to download the MediByte Junior video.

What if I still have more questions?

Call us at 1-613-831-6690 x208 or toll-free in North America at 1-888-462-4841 x208. We're here to help.

