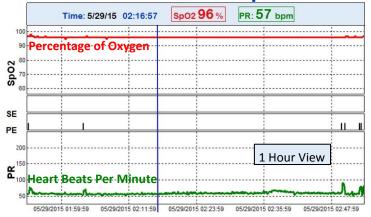
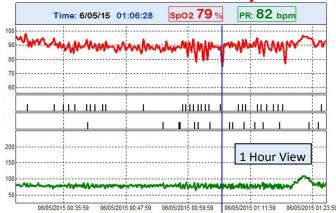
# How is your Sleep?

## **Normal Sleep**



Oxygen Saturation (SpO2) stays at or above 95% Pulse Rate (PR) is near a restful 57 beats per minute

### **ABNORMAL Sleep**



Oxygen Saturation (SpO2) is erratic, below 90% Pulse Rate (PR) races above 80 beats per minute

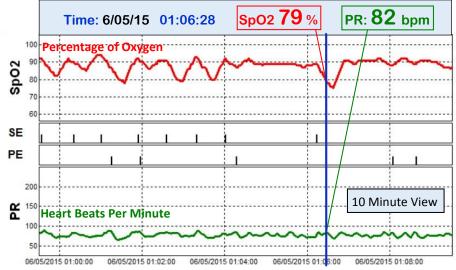
# eSN RE&SLEEP - Sleep Health Screening

This is a 10 minute snapshot of oxygen saturation and pulse from a person with Sleep Apnea (see above right). This occurs when the soft palate and tongue relax, collapsing the airway and stopping airflow for at least 10 seconds.

When apneas repeatedly occur, oxygen levels drop to dangerous levels, below 90%. Seconds later, pulse rates soon rise above 80 beats per minute (bpm).

At the next breath, oxygen levels rise and heart rates slow down. This continual rise and fall of oxygen and pulse is typically only seen in sleep apnea. The side-effect is daytime sleepiness, exhaustion and can lead to heart disease and stroke.

### 10 Minute View of ABNORMAL Sleep - Sleep Apnea



#### **Accurate Screening for Normal or Abnormal Sleep**

- Comfortable and convenient compared to hospital tests
- Records 2 of the 3 sensors in a TYPE 4 Sleep Test for Sleep Apnea: oxygen saturation (SpO2) and pulse rate
- Reports provide actual minutes and percentage of time that the SpO2 and pulse rate are at abnormal levels
- Includes waveform data from 8 hour to 5 minute views
- Can test effectiveness of CPAP & Oral Appliance Therapy



