

Salient Characteristics for Home Sleep Testing Equipment

The Wilmington VAMC is seeking home sleep testing equipment which will allow the organization to perform sleep testing to identify potential sleep disorders in Veterans from their own home.

The unit must have the following abilities/capabilities:

1. Must be portable, small and discrete enough for the Veteran to take home and not interfere with the sleep patterns of the Veteran undergoing the home sleep monitoring test.
 - a. Have a weight of no more than 3 oz., not including sensors or batteries.
 - b. Small footprint such as 4" length, 1" width, 3" height, or similar
 - c. Power requirements should be readily available off the shelf, such as 2 AA batteries, rechargeable or non-rechargeable.
 - d. Have wireless capability, Bluetooth or similar
2. Must include SpO2 cable, with SpO2 flinger clip and flex sensor
3. Sensor must be able to detect and note on the reading, the following sleeping positons:
 - a. Prone (face down)
 - b. Supine (face up)
 - c. Right side
 - d. Left side
 - e. Upright
4. Final read out report must provide the following information
 - a. P-Flow
 - b. Snore
 - c. Thorax
 - d. SpO2
 - e. Pulse rate
 - f. Pleth
 - g. Body position
5. Must be compatible with Windows-7 operating system
6. Must be able to be reused; previous sleep study and log file data can be deleted or erased from portable home system