

# VIRTUOX

## HOST™

### Home Sleep Testing

Diagnose Patients in the comfort and privacy of their home.

#### Do your patients feel like this?

The VirtuOx HoST™ home sleep testing platform can diagnose patients with the two most common forms of Sleep Apnea, Central and Obstructive Apnea, in the comfort and privacy of their home.

We utilize a variety of HoST™ devices including the highly acclaimed ARES™ home sleep testing device that integrates physiological data acquired in-home with clinical history and anthropomorphic data to determine the presence and severity of Obstructive Sleep Apnea (OSA).

**GET YOUR PATIENTS**

**HOSTED**

**TODAY!**



# VIRTUOX

Call Toll-Free 877-337-7111 • <http://www.virtuox.net>

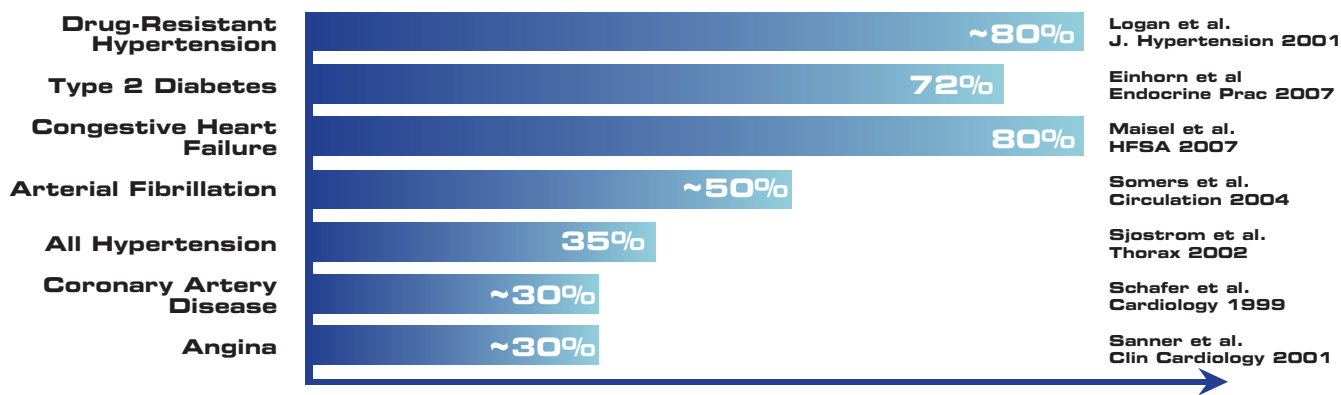
## Virtuox Home Sleep Testing Process

OSA is the most undiagnosed sleep disorder in the world. Sleep apnea is associated with an increased risk of cardiovascular disease, stroke, high blood pressure, arrhythmias, diabetes, and serious accidents due to fatigue and sleepiness. Patients with untreated sleep apnea have shown to incur double the healthcare costs of those that have been diagnosed and treated.

Currently, there is a large untapped market potential in the sleep disorder market worldwide. Under-diagnosed and under-treated, studies suggest that over 30 million Americans suffer from some form of sleep disorder.

Physicians have become more aware of the seriousness of this condition, and proactive diagnosis and treatment have become more common in recent years. However, even with this increased attention from the medical community, 95% of individuals suffering from this condition remain undiagnosed.

### Sleep Apnea Prevalence in Co-Morbid Patients



### Why should I care about identifying / diagnosing / treating patients with OSA

#### Higher hospitalization rates for patients with untreated OSA

The OSA group had 251 nights in hospital vs 90 nights for control group over 2 year period  
Kryger et al., SLEEP 1997; 19(9):S111-S116

#### Higher medical costs for patients with untreated OSA

Patients with undiagnosed sleep apnea had higher medical costs than aged and sex matched controls in the year prior to diagnosis. Example: \$2720 OSA vs \$1384 controls (mean average health care costs) Kapur et al. SLEEP 1999;22:749

#### Higher usage of medical resources for patients with untreated OSA

Prior to diagnosis of OSA patients utilized medical resources 23-50% more than a control group  
Smith et al. CHEST 2002, 121:164

#### Higher medication usage for patients with untreated OSA

In the year prior to diagnosis, patients with OSA were heavy users of medications especially those used to treat cardiovascular diseases  
Otake et al. Thorax 2002, 57:417

#### Higher hospital stays for patients with untreated OSA

Treatment of OSA resulted in significant reduction in health care utilization - hospital stays 1.25 days vs 0.53 days  
Krieger et al. Sleep 1999

**The Virtuox HoST™ solution enables patients throughout the country to easily and cost effectively diagnose OSA, Get HoSTed® Today!**

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