About KAI Medical

KAI Medical specializes in the development of sleep apnea therapy, sleep monitors, and non-contact respiratory monitoring devices. Current methods of treating OSA include surgery, oral and nasal devices, invasive face masks, and bulky machines. KAI Medical is committed to providing alternative treatment methods to these current invasive and inconvenient treatments available.

Our Mission Statement

KAI Medical improves the quality of life of people with respiratory ailments, including sleep apnea, by developing and marketing products that are more efficient, comfortable, and effective.


KAI Apnea | Efficient, comfortable, CPAP alternative
No masks, no hoses, no oral devices
Breathe easily, comfortably, naturally
For adults with Obstructive Sleep Apnea
About Obstructive Sleep Apnea

Obstructive Sleep Apnea (OSA) is a common disorder affecting millions of people. OSA involves repeated airway collapse during sleep, resulting in reduced airflow, complete airflow cessation, oxygen desaturation, and disturbances from sleep. The disorder is a major health concern and increases the risk of serious health problems, including cardiovascular disease, non-insulin dependent diabetes, and even death. More than 100 million people worldwide are suspected to have OSA, with more than 80% undiagnosed cases.

KAI Apnea

The KAI Apnea system is a home-based, medical system used to treat adults diagnosed with OSA. The system monitors the patients breathing while they sleep to detect an apnea event. When an event is detected, the system activates a vibrating adhesive patch worn on the neck to restore breathing. The device is designed to improve sleep quality by reducing the number and duration of apnea events that prevent normal breathing and disrupt sleep.

KAI Apnea Clinical Study

In a recent clinical study, KAI Apnea device users had an average of 46% Apnea-Hypopnea Index (AHI) reduction compared to device off nights, with the number of arousals as measured by the Arousal Index (AI) also improving.