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SLEEP APNEA PATIENT MANAGEMENT SOFTWARE

HEALTHCARE IT

Sleep apnea management plugin that provides compliance data and improves quality of patient care for obstructive sleep apnea patients.

TECHNOLOGY TYPE

Software
Obstructive Sleep Apnea
Continuous Positive Airway Pressure Therapy

STAGE OF DEVELOPMENT

- HIPPA compliant framework created.

- Bench prototype in development.

- Initial testing will take place at the University of Utah sleep center.

LEARN MORE

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TECHNOLOGY SUMMARY

Continuous positive airway pressure (CPAP) therapy is almost 100 percent effective in treating sleep apnea, which affects over 18 million Americans. Almost half of sleep apnea patients, however, abandon CPAP before treatment is complete. Lack of CPAP compliance has led insurance companies to require compliance data for reimbursement. The proposed software plugin for CPAP devices can provide compliance data, as well as overall information on the sleep apnea population. The software can facilitate targeted population management for sleep centers by providing reminders regarding clinic visits, CPAP usage statistics, and the ability to categorize patients based on insurance provider. Data can be available to clinicians immediately for virtual consultations, which would help sleep center staff manage patients in a more timely and cost effective manner.

FEATURES AND BENEFITS

- Provides consistent CPAP compliance metrics for sleep clinics and insurance providers.
- Reduces in-person follow-up appointments by enabling virtual consultations.
- Decreases sleep apnea treatment costs.
- Shortens patient wait and treatment times.
- Improves quality of patient care through better patient management.

INVENTOR PROFILE

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