



Amptron Medical Inc.

Revolutionizing how medical oxygen is delivered to optimize patient outcomes and improve access for underserved communities around the world.



Company Overview

Our product is a medical device that optimizes the delivery of lifesaving oxygen therapy to patients in both hospital and home settings. The device is a cost-effective all-in-one solution that integrates the components that are required for both low flow oxygen therapy (LFOT) and high flow oxygen therapy (HFOT). It automates titration and reduces treatment time. Its remote connectivity features allow therapy that was previously only available in hospitals to be delivered at a patient's home at a fraction of the cost.

Problem

Oxygen therapy is delivered in an inefficient way, resulting in preventable negative patient outcomes and costing billions of dollars. Chronic Obstructive Pulmonary Disease (COPD) is the 3rd leading cause of mortality and costs the U.S. \$50B/ year. \$13.2B is due to exacerbations leading to hospitalization. 20% of patients discharged from a hospital for COPD are readmitted within 30 days at an average cost of \$12,000/ patient. COPD exacerbations are largely considered preventable, and Medicare penalizes hospitals as much as \$3M for high readmission rates.

Highlights

- 2021:** Signed key strategic partnership with Indian based Max Ventilator
- 2022:** Built first working prototypes
- 2022:** Limited release in India
- 2022:** Compliance testing for FDA 510k submission

Go-To-Market Strategy

Our beachhead market is U.S. Hospital clinical departments that treat Chronic Obstructive Pulmonary Disease (COPD) patients, including ICU's and inpatient departments. The device will be sold in the U.S. through a network of independent distributors.

What Makes Us Special

Our solution integrates the components required to optimize delivery of low and high flow oxygen therapy. The large, user-friendly interface and ease of use sets our device apart from the field. Our remote monitoring, advanced sensor, and AI based therapy optimization features are game changers for the industry.

Financial Info

Raising

\$2.1M

Valuation

\$10M

Location

Carlsbad, CA, USA

Business Stage

Seed

Business Type

Healthcare, Engineering, Biotechnology

Meet the Team



Ryan West
CFO



Nirav Patel
Founder and CEO