Propeller Health
Evidence-based digital care for chronic respiratory disease.

- 10 FDA clearances
- 7 CE marked devices
- 35+ peer-reviewed publications
- 100k+ patients enrolled
Propeller is a connected health platform for asthma and COPD care

01 Bluetooth sensors record usage data for rescue and controller medications.

02 Sensors sync with mobile app (smartphone) to track usage and send dose reminders.

03 Care teams receive reports of medication use and notifications of high-risk patients.
Propeller sensors work with the majority of inhalers on the market

This includes sensors for MDI, Respimat, Diskus, Ellipta and Symbicort medications.
Right treatment. Right time. Right site of care.

New sources of sensor-generated and patient-reported data enable better treatment and patient experiences—leading to better care for lower cost.
Patient report

Monthly reports identify clinically actionable patient trends. They are available in the Portal and can integrate with EHR workflows.

01. Condition control status

02. Nighttime rescue inhaler usage

03. Controller medication adherence rates

04. Monthly ACT score
Patients with asthma and COPD expressed high levels of satisfaction with the Propeller experience.

- 79% very satisfied
- 20% somewhat satisfied
- 1% not at all satisfied

99% of patients reported satisfaction with Propeller.

90% found Propeller reports useful in managing their condition.
Clinical outcomes

58%  
Improved medication adherence¹

78%  
Less rescue inhaler use²

35%  
Reduction in COPD-related healthcare utilization³

57%  
Reduction in asthma-related healthcare utilization⁴

1. Van Sickle et al. (2016). Eur Resp J
3. Alshabani et al. (2019). J Telemedicine and Telecare
Member experience
Propeller improves medication adherence

Audio reminders on controller sensors
Push notifications for missed doses
Medication confirmation card in the app
Propeller helps members identify their triggers

- Rescue use card in-app
- Member logs symptoms/triggers
- Personalized tips to avoid triggers
Propeller keeps members engaged

Daily Asthma Outlook

Find My Inhaler

Dose Challenge
Propeller keeps doctors and patients informed

Asthma Control Test, COPD Assessment Test

Trends Reporting

Patient Report
What patients say

Dawn is a 42-year-old female with asthma. She was diagnosed with asthma in her 30s, but her asthma has recently worsened and become more limiting.

PROBLEM
+ After an extreme respiratory infection episode, Dawn’s asthma was out of control. Daily activities around the home were difficult. Walking up a flight of stairs felt suffocating.

PROPELLER INTERVENTION
+ Within weeks, Propeller helped Dawn see that her rescue inhaler use was above normal and she wasn’t taking her daily Qvar as her doctor prescribed. Despite improving her Qvar adherence, Dawn was still symptomatic and noticed specific times and places where she was having flare ups.
+ Using the information from Propeller, Dawn and her physician revised her action plan and stepped up her treatment regimen.

RESOLUTION
+ Dawn’s asthma was brought under control and she returned to her normal daily activities.

“I can go to the doctor on a good day and show him all the bad days. The information has helped fine tune my treatment plan. Asthma is a horrible, life-threatening disease that has no cure, but the Propeller sensor and app have become great tools that help improve my daily quality of life.” - Dawn