

# Chronic care management, redefined.

Between mounting financial strain, lack of visibility into adherence, and widening health disparities, engaging patients and navigating the evolving healthcare landscape is tricky.



**Propeller helps health systems tackle their toughest challenges by focusing on the quintuple aim**





## Improve the outcomes that matter most



### Clinical

58%

improvement in medication adherence<sup>1</sup>

60%

of patients achieved disease control<sup>2</sup>



### Quality

35% - 57%

reduction in unnecessary emergency room visits and hospitalizations for COPD and asthma respectively<sup>3,4</sup> — directly impacting HEDIS utilization metrics

24%

improvement in total-to-controlled asthma medication ratio<sup>3</sup>



### Engagement

72%

engagement rate among Propeller users at 90 days<sup>5</sup>

60%

increased likelihood of controller inhaler use among Propeller patients who used the app<sup>6</sup>



### Equity

63%

decrease in rescue inhaler use among Medicare-eligible patients with COPD<sup>7</sup>

18.5%

relative lift in adherence among low-income\* households vs. higher-income households<sup>8</sup>



### Financial

\$1,349

in annual cost savings per asthma patient<sup>9</sup>

\$2,475

in annual cost savings per COPD patient<sup>10</sup>

# Elevated patient and clinician experiences — with just one solution



The **Propeller Digital Therapeutic Platform** combines connected drug delivery with behavior-based engagement, surrounding patients with the support they need and providing clinicians with actionable data to inform care coordination and treatment decisions.

## PropellerConnect™

### Sensors for Medication Tracking

FDA-cleared and CE-marked sensors record medication use and other signals to collect actionable, objective data.

## MyPropeller™

### Patient App & Engagement

Sensor data combined with behavioral and environmental insights help patients uncover triggers and breathing trends, take action, and stay on track.

## PropellerInsight™

### Clinical Decision Support & Analytics

Via EHR or Clinician Portal, care teams monitor patients' adherence and health, and receive real-time insights to adjust treatments or proactively intervene.

## PropellerCare™

### Support & Coaching

Personalized support and motivation with coaching options help patients stay focused on their goals and take control of their breathing.



## Parallel advantages for both fee-for-service and value-based payment models

### Maximize revenue opportunities and reduce administrative burden

- Leverage continuously expanding codes for remote monitoring
- Increase preemptive outpatient visits by 2.6 visits annually per patient<sup>3</sup> with enhanced visibility into disease control between routine check-ups
- Improve clinical throughput and make triage more efficient using tools that enable risk stratification and site-of-care optimization
- Reduce physician administrative burden by empowering care teams to practice at the top of their licenses

### Improve quality metrics and lower costs of care

- Empower sustainable behavior change with tools that educate patients on better disease self-management
- Enable shared decision making between patients and providers to increase engagement and satisfaction
- Tailor and remotely monitor medication use after an acute exacerbation
- Enhance care coordination and patient safety

Sources: [1] Van Sickle et al. (2016). Eur Resp J. [2] Woehrle et al. (2023). Pulm Ther. [3] Merchant et al. (2018). World Allergy Organ J. [4] Alshabani et al. (2019). J Telemedicine and Telecare. [5] Woehrle et al. (2021). Eur Resp J. [6] Kaye et al. (2021). Sci Rep. [7] Chen et al. (2019). JMIR. [8] Kaye et al. (2020) Poster presentation at ATS 2020 International Conference. [9] Kaye et al. (2023). J Allergy Clin Immunol Pract. [10] Inocencio et al. (2023). Cost Eff Resour Alloc.

\*Median household income less than \$50,000

# For more than 10 years, Propeller has supported health systems in delivering quality care and advancing population health initiatives



“ Our collaboration with Propeller Health will help us empower our COPD patients with health technology tools to help remove barriers to care, emphasize preventive care, and reduce hospital readmissions.

— **Dr. Brooks Thomas Kuhn, MD, MAS**  
Assistant Professor of Medicine at UC Davis Health

“ Digitally-connected health devices and platforms are helping improve care for patients with chronic conditions, like asthma and COPD, by giving providers better insights into day-to-day management of disease. We’ve created a seamless experience through the integration of these programs within the patient’s EHR, reducing barriers to adoption and administrative burdens.

— **Francisco Rhein, MD**  
Former VP of Innovation and Digital Care Transformation at CommonSpirit Health

## Our industry experience and expertise is unparalleled

- 190+ peer-reviewed publications and abstracts — more than any other digital health company
- 10+ years of physician monitoring experience via clinician portal or EHR integration
- Backed by ResMed, a global leader in sleep and respiratory care

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