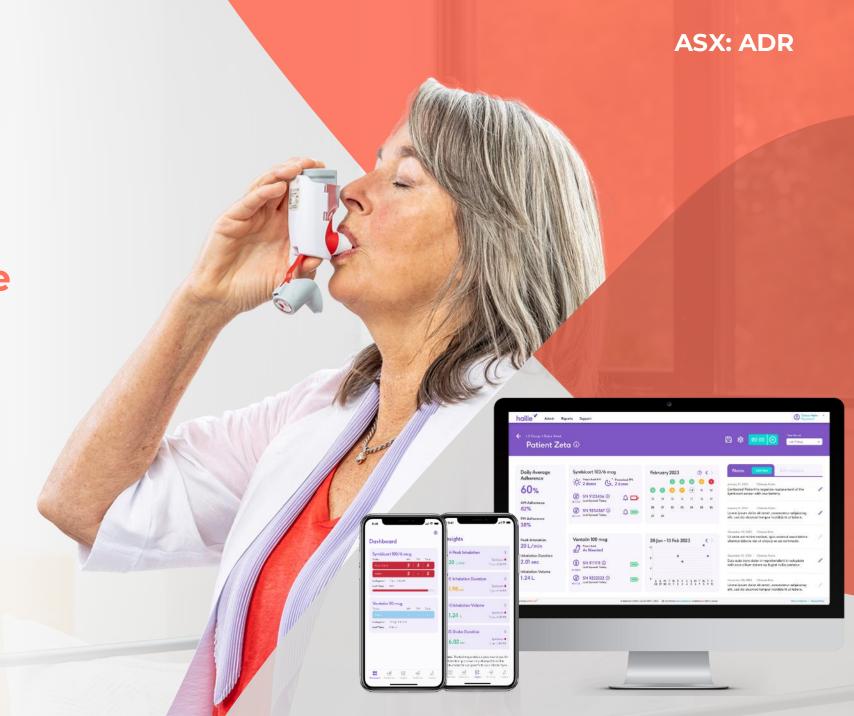


A New Frontier
In Respiratory Care

October 2025



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Dr. J. Allen Meadows

MD and ACAAI, Executive Director Of Advocacy and Governmental Affairs



Dawn BitzAdherium, Chief Executive Officer



Keven GessnerAdherium, BOD and Senior Executive Advisor



40 M Americans live with chronic respiratory disease

Non-adherence with medications is a primary cause of avoidable hospitalisations, emergency department visits and billions in costs to the healthcare system





What are Asthma and COPD?

While asthma and COPD are different conditions, the treatments – like inhalers and medicines to help open the airways – are often similar

Asthma

- Airways get swollen and tight
- Makes it hard to breathe (wheezing, coughing, chest tightness)
- May be sensitive to triggers like allergies, exercise, or colds
- Often starts in children and can grow into chronic adulthood disease

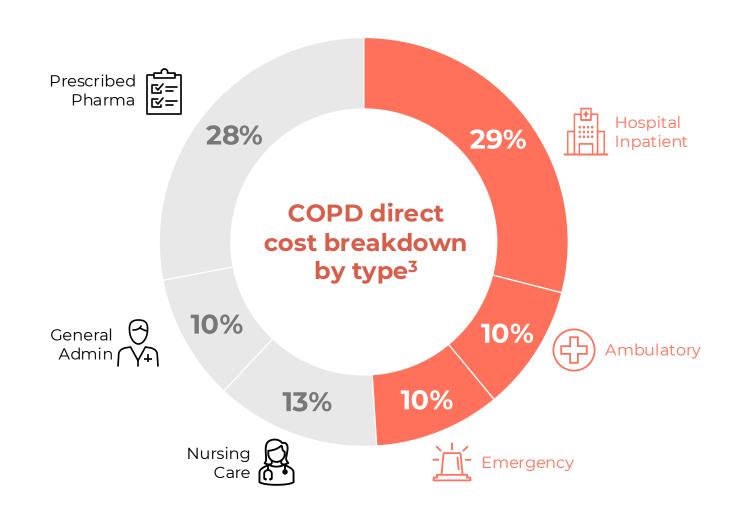
Chronic Obstructive Pulmonary Disease (COPD)

- Chronic Obstructive Pulmonary Disease
- Long-term lung disease that slowly gets worse over time
- Common types: chronic bronchitis ("smoker's cough") and emphysema
- Makes it hard to breathe all the time
- Usually shows up in older adults



In the United States, COPD costs \$59.6B with an average cost of ~\$18k per severe patient^{1,2}

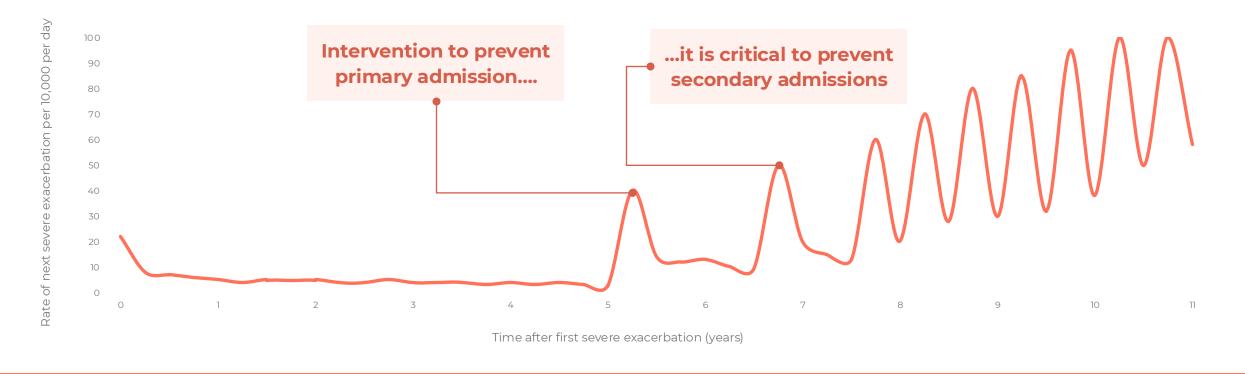
Nearly half of costs are tied to hospitalisations and ED visits





COPD flare ups (exacerbations) spiral after the first episode⁴

One flare up can reduce significantly reduce lung function, setting off a chain of flare ups, further lung decline, and costly hospitalisations. Stopping the first flare up can prevent many future events and avoid multiple costly hospitalisations.



1.5 flare ups/year

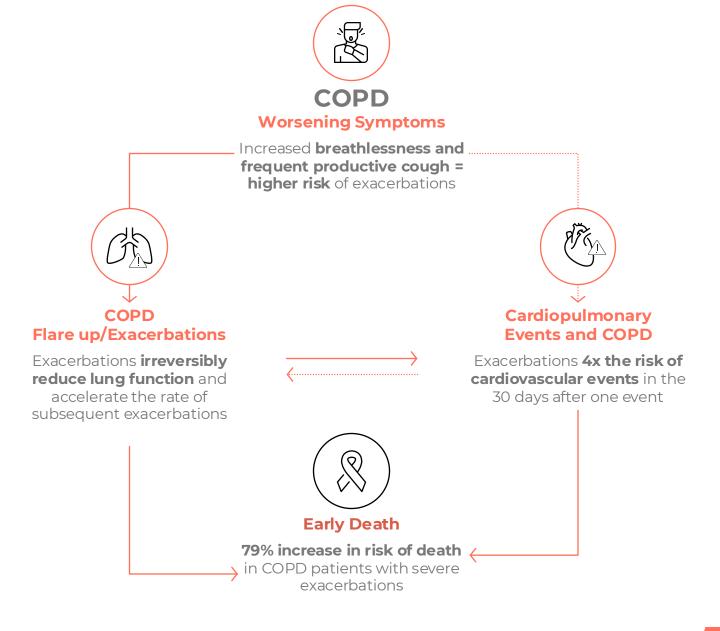


~2× faster lung decline + more comorbidities⁵



Flare ups irreversibly reduce lung function and nearly 4x the risk of cardiovascular events, leading to +79% risk of death

COPD = elevated "cardiopulmonary risk" (both lung and heart events) - including exacerbations, cardiac events and death^{4,6-11}

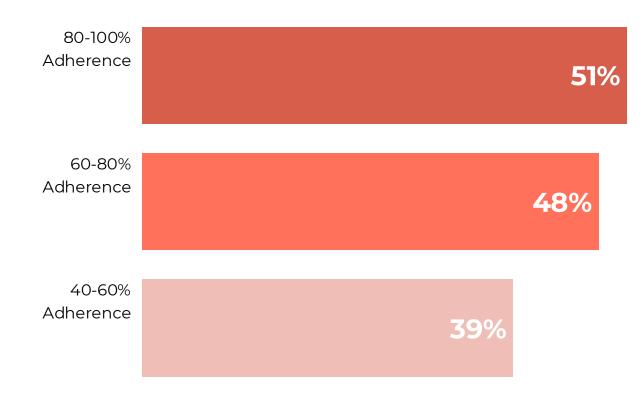




If COPD patients are 60% or greater adherent to their medications, their risk of hospitalisation drops ~50%¹²

Most patients demonstrate adherence of 20% or less

Reduction to the Risk of Hospitalisations Based on Levels of Adherence in COPD





The iCARE respiratory care program

First-of-its-kind program demonstrating how continuous digital monitoring and care can drive patient adherence and lower costs due to avoidable hospitalisations and emergency department visits





About Intermountain Health (IMH)

IMH's goal is to advance its triple aim: improving patient lives, enhancing health outcomes, and lowering healthcare costs



Leading US health system with 33 hospitals and 385 clinics



Located in Utah, Idaho, Colorado, Nevada, Kansas and Montana



Over 250,000 respiratory patients



Owns Select Health, a nonprofit health plan with more than 1.1 million members





The iCARE clinical program, featuring Adherium Technology

Adherium connected inhalers provided data, enhanced oversight, tracked use, and uncovered key insights (e.g., improvements to technique, overreliance of rescue meds)



Data generated from 15 FDA & TGA cleared Smart-Inhalers Full Stack, Secure Technology Solution



Precision Insights
Driven by Data



HCP decision support tools (SAMD)

Patient-centricity + Clinical Care Oversight



Patient Engagement Tools



Respiratory Care Team



Landmark independent program demonstrating robust clinical outcomes



848 patients tracked with some on for over 14-months+ (program ongoing)



Physician-driven enrollment – very broad selection criteria



Independent clinical care program, no vendor-paid monitoring or incentives



Designed and driven by Intermountain healthcare professionals

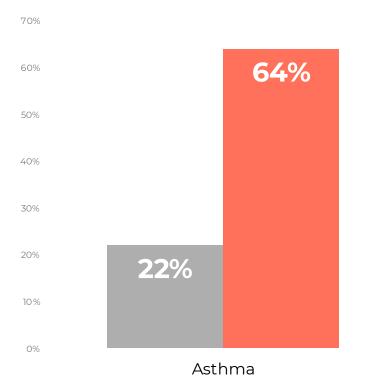


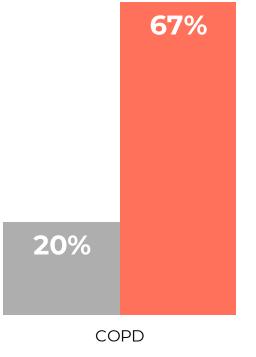


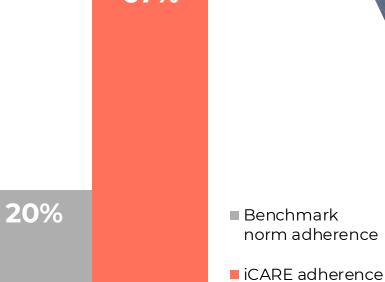
iCARE patients demonstrated 67% adherence in COPD and 64% in asthma

1.5-3x industry standard norms of 20-40%

Improved adherence compared to reported "norms" 13-16







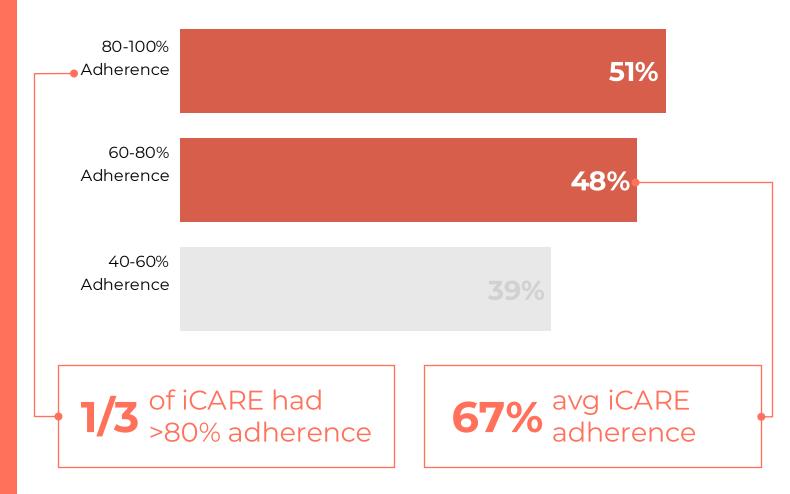
Adherium | new frontier in respiratory ca



These adherence levels strongly suggest that it could cut hospitalisations by half for patients with COPD

Nearly one-third of iCARE patients sustained >80% adherence with an overall average rate of 67%

Reduction to the Risk of Hospitalisations Based on Levels of Adherence in COPD

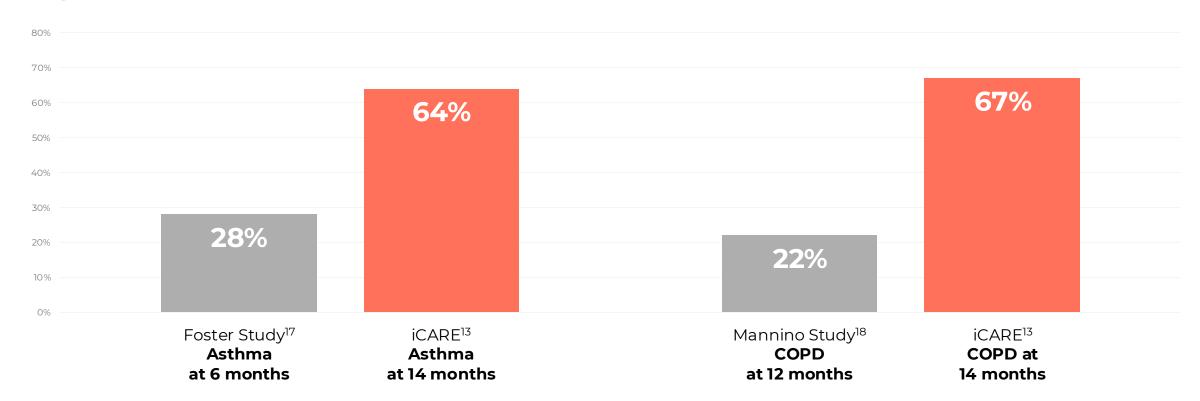




Sustained adherence over 14+ months

Where others see drop-off, iCARE patients stay the course – even amongst 70–80-year-olds

Long-term adherence levels





In summary, iCARE demonstrated



A significant improvement in adherence (1.5-3x industry norms)



Adherence levels > 60%, associated with a 50% reduction in hospitalisation risk



Persistent adherence, maintained over 14 months



Even higher persistence amongst older, most costly patients



US Payers Could Save Significant Costs





Adherence drives savings: IMH's Payer arm "Select Health" could unlock significant savings of nearly \$60M

% of COPD patients onboarded	COPD patients enrolled (illustrative)	Intermountain Select Health 50% annual cost savings hospitalisations / ED visits	adherium Revenue @ \$70 pp/mo
5% participation	3.3K	\$30M	\$3M
10% participation	6.6K	\$59M	\$6M

Assumptions

- ~66K COPD SelectHealth patients (6% COPD prevalence * 1.1M US members)
- \$18K per severe patient direct COPD costs annually
- Adherium generates 50% savings in direct costs (\$9K savings per patient)



Cigna, national US payer, could save nearly \$1B in direct costs with just 10% of its COPD patients; unlocking value for Adherium

% of COPD patients onboarded	COPD patients enrolled (illustrative)	cigno 50% annual cost savings ¹⁸	adherium Revenue @ \$70 pp/mo
5% participation	53K	\$473M	\$44M
10% participation	105K	\$945M	\$88M

Assumptions

- ~1.1M COPD Cigna patients (6% COPD prevalence * 17.5M US members)
- \$18K per severe patient direct COPD costs annually
- Adherium generates 50% savings in direct costs (\$9K savings per patient)



Adherium is the only payer-ready respiratory platform

Payers fund what's proven, covers most patients, and works in the real world



- FDA-cleared
- Real-world evidence at scale

- Works with most inhalers
- For both asthma and COPD



Tracks technique



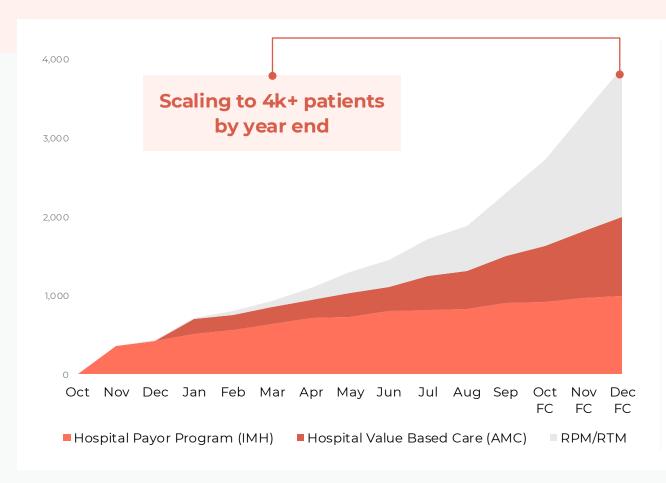
Operational Proof at the Practice Level

Massive payer upside starts with today's proof: a fee-for-service model building a scalable playbook





From zero to 4,000: strong momentum unlocked by practice partnerships and hospital programs



- Call Center (launched August 2025): streamlined lead processing at scale
- September finished +109% higher than average prior month
- Backlog of 70k patients being processed through Call Center
- EMR integrations driving seamless practice workflows and lower lift onboardings



Key takeaways



IMH's iCare program
demonstrates that
gathering data
insights with
Adherium
significantly improves
adherence



These adherence levels are likely to drive improved patient outcomes by significantly reducing exacerbations, hospital visits, and care costs



Reductions in costs could save payers significant amounts of money and resources



Adherium now has the technology and proof to engage and scale with US providers and payers





adherium



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