

# Heart Failure Case Study<sup>1</sup>

Intermountain Health system used Story Health by Innovaccer's AI-powered care orchestration engine to address the challenges they faced in heart failure (HF) care and to fill gaps in medication therapy.

Heart failure is a substantial and growing health problem in the U. S. By 2030, HF is projected to <sup>[1]</sup>:

50%

Increase in prevalence

2X +

Direct medical costs

Clear evidence shows that medical therapy management can <sup>[2,3]</sup>:



Significantly reduce morbidity



Reduce hospital admissions



Improve quality of life

However, clinics have struggled to implement GDMT\* optimization <sup>[4]</sup>:

<1% of all qualified patients on target doses of GDMT (2018 CHAMP-HF national study)

\*GDMT = Guideline Directed Medical Therapy

Intermountain's existing HF program had made tremendous progress, but gaps in GDMT optimization remained. To address these gaps, Intermountain began piloting Story Health by Innovaccer's AI-powered care model in early 2023.

# Story Health by Innovaccer’s AI-powered care orchestration engine includes:



## Health Coach Support

Specialized care team guiding patients between visits to keep them on track

## Integrations + Health Data

Patient provided BP/weight/symptom data + info from EHR to inform changes

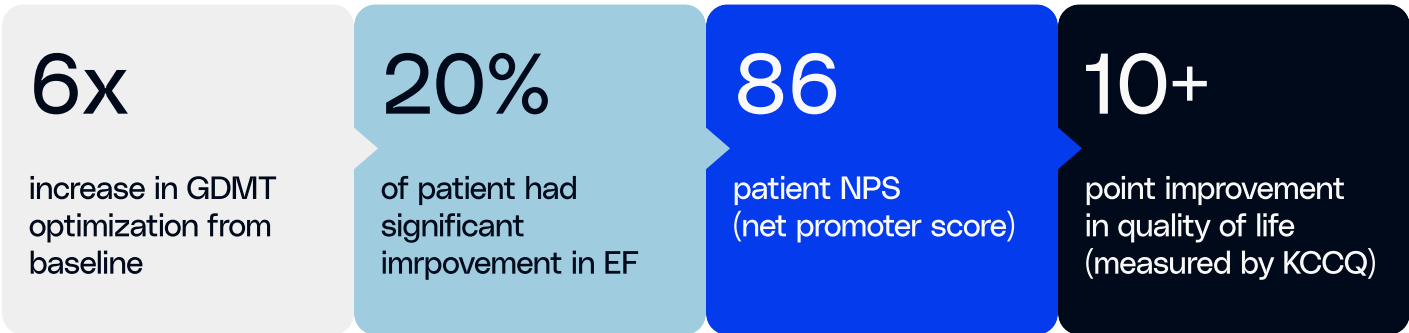
## Medication Optimization

Protocol-based, AI-powered individualized care plans with alerts enabling rapid titrations

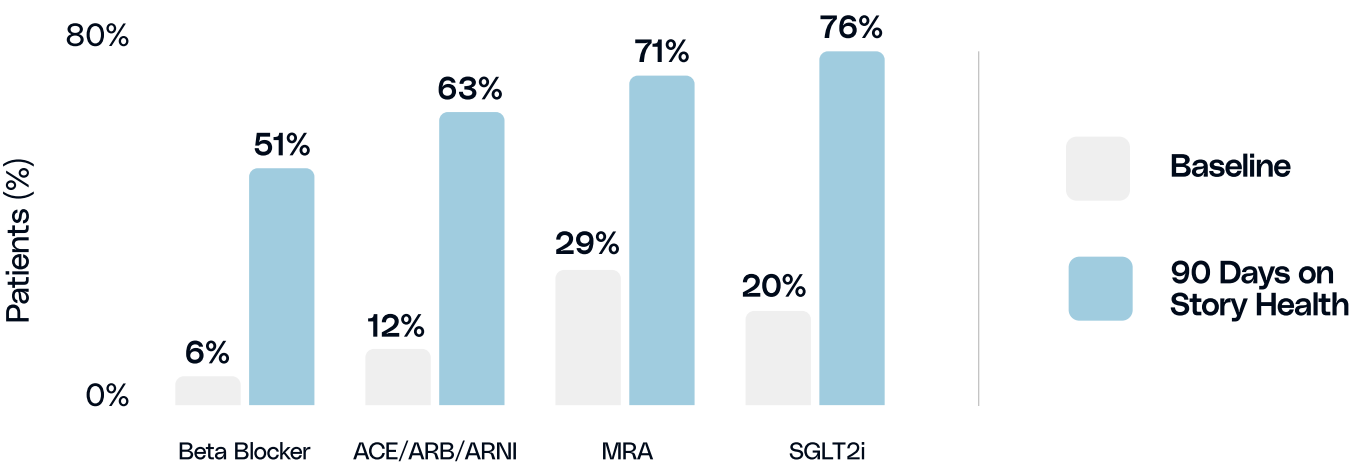
Intermountain observed that early results from the Story Health pilot program have been very promising.

## Clinical Results

Early data from patients enrolled in the Story Health by Innovaccer’s heart failure program<sup>[5]</sup>:

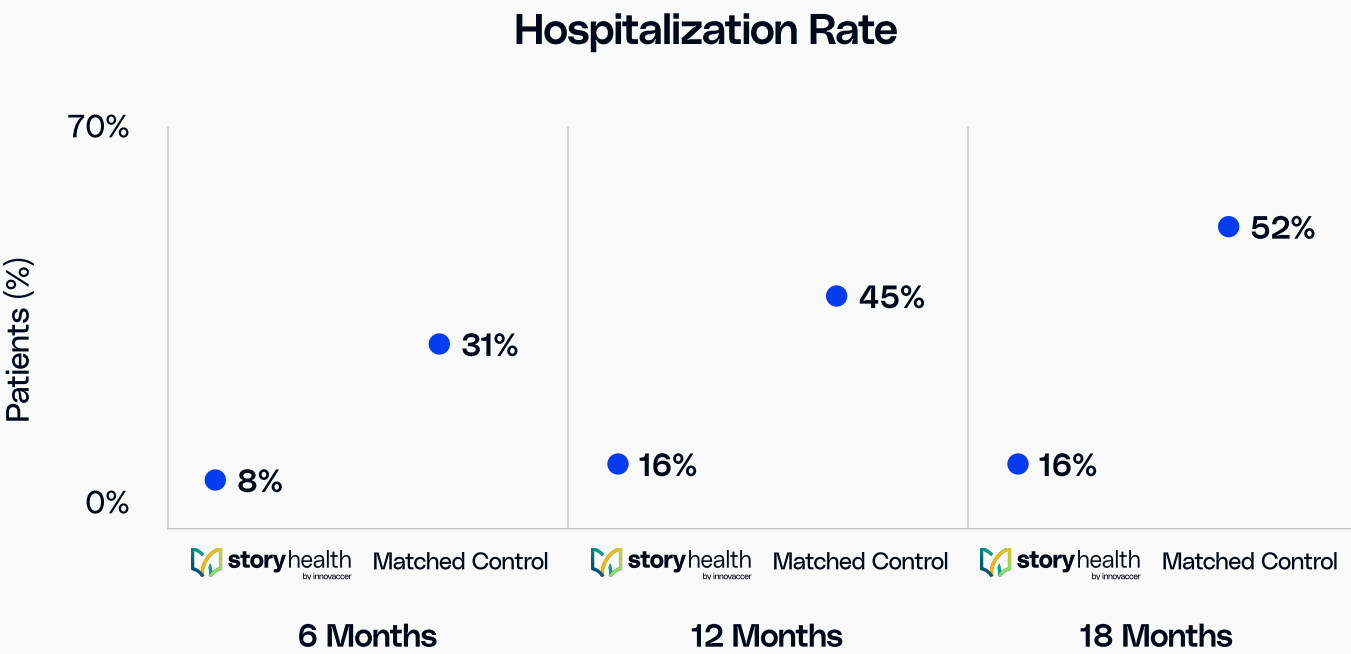


## Successful GDMT Target Dosing (>50%) in 90 Days



# Financial Results

Story Health by Innovaccer’s program population vs. matched control group at 6, 12, and 18 month follow-up intervals <sup>[5]</sup> :



65%

fewer hospitalizations


53%

less ED utilization


>3

clinic slots opened up per enrolled patient


Intermountain Health sees the value of Story Health by Innovaccer’s AI-powered care orchestration engine and plans to:



Expand the Story Health by Innovaccer’s pilot across its system



Drive patient-reported improvements + financial return



Expanding the program to other specialties across the health system

## References:

1. Burden of hospitalization for heart failure in the United States; a systematic literature review: Journal of Managed Care & Specialty Pharmacy: Vol 28, No 2 ([jmcp.org](https://www.jmcp.org))
2. Moysidis, D.V., et al., Prescription Rates and Prognostic Implications of Optimally Targeted Guideline-Directed Medical Treatment in Heart Failure and Atrial Fibrillation: Insights From The MISOAC-AF Trial. J Cardiovasc Pharmacol, 2023. 81 (3): p. 203-211
3. Coons, J.C., et al., Impact of a Medication Optimization Clinic on Heart Failure Hospitalizations. Am J Cardiol, 2023. 188: p. 102-109.
4. Sharma, A., et al., Optimizing Foundational Therapies in Patients with HFrEF: How Do We Translate These Findings Into Clinical Care? JACC Basic Transl Sci, 2022. 7(5): p. 504517.
5. Intermountain Health data. 2023.