

# See How egnite Improves Care for Structural Heart Disease Patients

## The CardioCare Platform In Clinical Practice

egnite is doing more than just re-imagining healthcare. As these three clinical cases show, egnite is applying digital technology and partnering with leading physicians to solve healthcare's most formidable challenges.

# Case #1: Improving Care for Mitral Regurgitation Patients

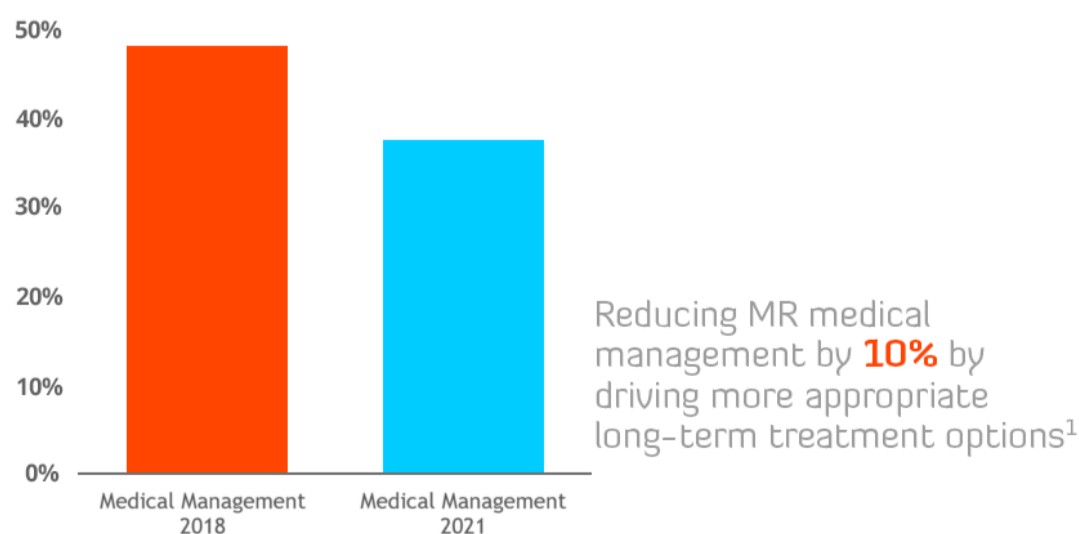
Dr. Soundos Moualla and the heart team at Yavapai Regional Medical Center use egnite's CardioCare platform to look at referral patterns for their structural heart patients. Actionable insights from the CardioCare platform powered an educational outreach program to reevaluate the change in guideline-directed therapy for severe mitral regurgitation (MR) patients.

After implementing these targeted outreach & education practices discovered from CardioCare's data, the team at Yavapai were able to reduce medical management rates by 10%, driving more appropriate procedural therapy options for their structural heart patient populations.

"We realized that we had a large number of medically managed AS & MR patients that met guideline-directed recommendations for procedural intervention, and we used that data to drive change in our practice."

Dr Soundos Moualla  
MD, FACC, FSCAI, Interventional Cardiology  
Dignity Health  
Yavapai Regional Medical Center

## Targeted Physician Outreach to Reduce Variability in Patient Care



<sup>1</sup>Analysis represents patients identified 10/31/2018 through 07/01/2021

# Case #2: Hybrid Care Pathways for Heart Failure Patients

Congestive heart failure (CHF) results in poor patient outcomes and increases the cost of care, particularly with recurrent CHF hospitalizations. By utilizing the CardioCare platform, Dr. Soundos Moualla and the heart team at Yavapai Regional Medical Center have been able to cross-match heart failure admissions for severe aortic stenosis (AS) and MR patients.

This has allowed physicians at Yavapai to provide better patient care by creating a daily alert system that improved communication and coordination of care with the heart failure team at Dignity Health, Yavapai Regional Medical Center.

As a result of this work, the CardioCare platform identified 224 patients diagnosed with severe MR and AS who were also admitted to the hospital with heart failure. Using this data, physicians created a hybrid care plan among multiple clinical disciplines to increase disease awareness and implement therapeutic interventions based on guideline directed therapies.



**“This process led to more expeditious care of acutely ill patients. We’re focused on reducing readmission rates for patients with congestive heart failure.” says Dr. Moualla.**

## MR and Congestive HR Admissions Between 2020 and 2021\*

LVEF	MR Classification	Notes
35%	Severe	
25%	Severe	Managed by PCP, reaching out for specialist consult
55%	Severe	Candidate for TEER therapy
45%	Severe	
15%	Severe	
55%	Severe	Candidate for TEER therapy
35%	Severe	
50%	Severe	
30%	Severe	Concomitant Severe Aortic Stenosis
50%	Severe	
35%	Severe	
55%	Severe	Outreach for Specialist Consult
25%	Severe	
75%	Severe	
60%	Severe	No appointment or follow-up echo scheduled
50%	Severe	
15%	Severe	
50%	Severe	Outreach for specialist consult
35%	Severe	

\*Illustrative Data

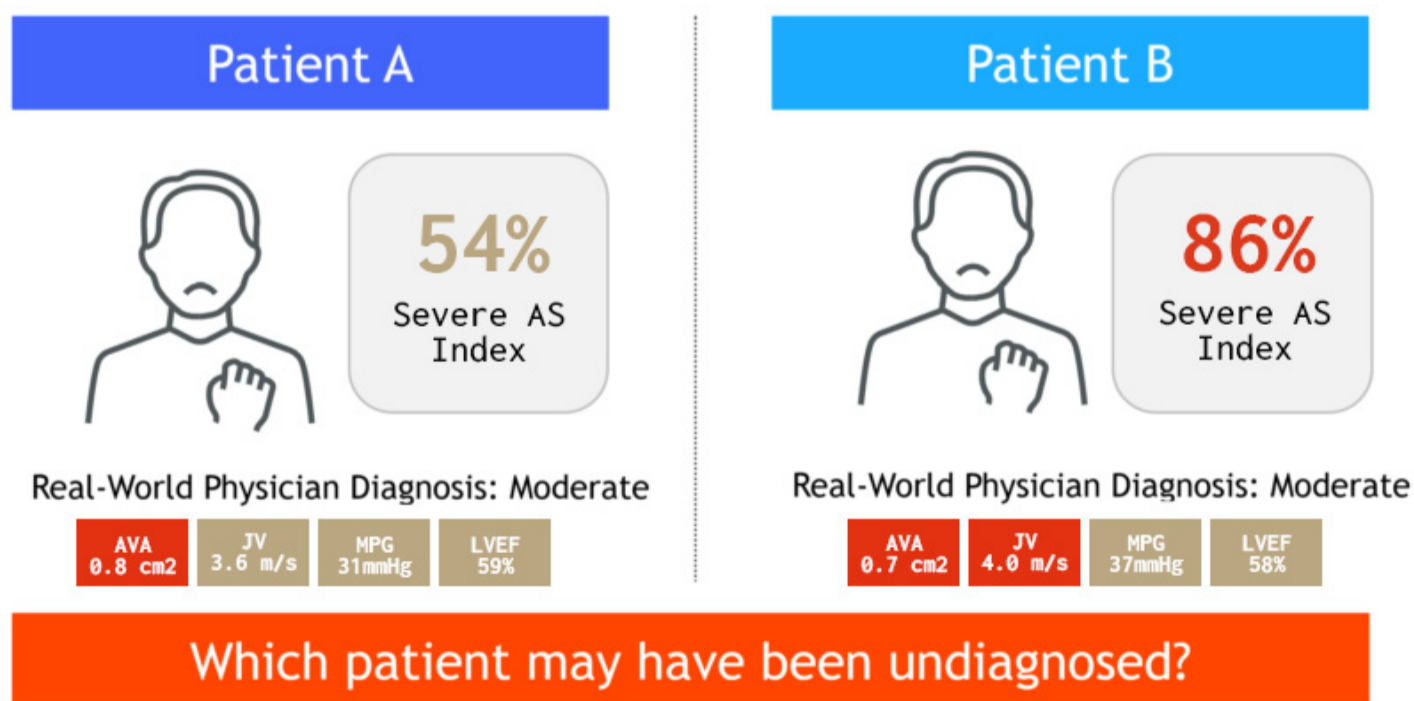
# Case #3: Applying Predictive Algorithms to Help Physicians Identify Undiagnosed Severe AS

It is not uncommon for AS patients to appear the same on first glance. However, it is possible that one of the patients may suffer from undiagnosed severe AS. CardioCare's predictive algorithms help physicians identify patients that may have undiagnosed severe AS and prioritizes them for secondary review.

"The CardioCare platform applies predictive algorithms to determine patients that have a higher probability of having undiagnosed severe AS, allowing us to quickly prioritize these patients for a second review."

Dr Rahul Sharma  
MD, MBBS, FRACP  
Assistant Professor of Medicine,  
Stanford University  
Director of Structural Interventions,  
Stanford Health Care

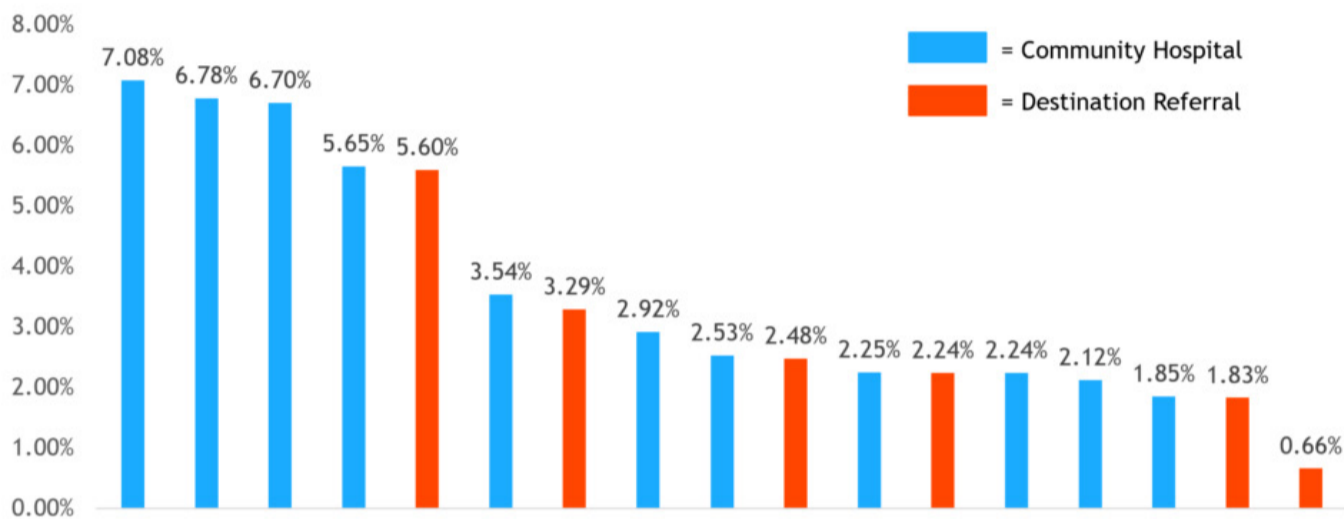
## Identifying Which Patients Physicians Should Re-Assess for sAS



The CardioCare platform is not intended for use in diagnosis, cure, mitigation, treatment or prevention of structural heart disease. Product intended for secondary clinical review.

Early data from the CardioCare platform’s predictive algorithm demonstrate variability across sites. These data indicate there is opportunity nationwide to reduce variability in diagnoses regardless of whether they are a destination referral center or community hospital.

### Diagnostic Precision Algorithm Flagged Patients at Every CardioCare Site



## About egnite

egnite is a digital health company focused on providing artificial intelligence solutions to help hospitals identify and manage their most at-risk structural heart patients. The company is a market leader in structural heart solutions with a vision to improve the outcomes for every structural heart patient in America. egnite’s flagship AI platform, CardioCare, has partnered with over 50 hospitals nationwide and leverages the program’s big data analytics platform of over one million echos to elevate the standard of care for thousands of patients. The company is based in Aliso Viejo, California, for more information, visit [egnitehealth.com](https://www.egnitehealth.com).

### egnite. Sparking Transformation in Healthcare.

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\*This product is not intended for use in the diagnosis, cure, mitigation, or prevention of structural heart diseases.

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