

CASE STUDY: CARDIAC REMOTE PATIENT MONITORING SOLUTIONS



INTRODUCTION

When an innovative biotech company needed support on its high-volume project, they contacted Shearwater Health Life Sciences. Shearwater supplemented their remote cardiac monitoring team by performing abstractions, interpretations, and audits of ECG rhythms.

BACKGROUND

A biotech company approached Shearwater's life sciences team for support in patient monitoring of wearable sensor data capturing cardiac arrhythmias (both critical and non-critical). This technology provides physicians with critical insights to help diagnose patients threatened by cardiac arrhythmia.

THE CHALLENGE

The company faced capacity challenges and the ability to scale in a particular geography. They also had difficulty finding qualified personnel, which presented onboarding and training issues. The company turned to Shearwater Life Sciences to address these talent, training, and scale-up issues.

THE SOLUTION

Shearwater:

- Delivered the skills and flexibility this high-volume project required enabling rapid onboarding to ramp up quickly
- Solved early challenges by bringing in a clinical operations expert with cardiac specialty
- Established custom solutions with dedicated resources to address the company's key needs while establishing trust

**WE HAVE ESTABLISHED
A STRONG PARTNERSHIP
WITH OPEN AND ACTIVE
ENGAGEMENT AND
COMMUNICATION.**



~1M
STABLE EVENTS
REVIEWED

~350K
ADULT AND
PEDIATRIC REPORTS

100K+
RHYTHM ANNOTATIONS
WITH ADJUDICATION

Year Four
OF STRATEGIC
PARTNERSHIP

OUTCOMES

As a result of meeting the company’s need to scale quickly and increase capacity, Shearwater supported the unique requirements of three projects (holter monitor for adult and pediatric events, data science in ECG rhythm annotation, and stable events) with ~70 resources, including Philippines registered nurses (PHRNs) and data scientists (certified cardiographic technicians). These resources demonstrated critical thinking to provide analysis of aggregated data to look for trends in critical cardiac events and validate AI accuracy in rhythm interpretations for clinical decision support. Shearwater exceeded all quality measures by ~10% and has managed exponential increases in volume in each of the three programs year over year by as much as fourteen times.

With Shearwater’s responsiveness, availability of skills, accuracy, and quality, we continue to receive additional work and responsibilities from the biotech company.

CONCLUSION

Currently, the relationship between the biotech company and Shearwater is moving into its fourth year. We have established a strong partnership with open and active engagement and communication. Sharing a multitiered relationship at the executive, management, and operational levels, they consider Shearwater their strategic partner now and for future endeavors.

To partner with Shearwater’s life sciences team or for more information about our services and capabilities, visit [ShearwaterLifeSciences.com](https://www.shearwaterlifesciences.com).

ABOUT SHEARWATER HEALTH LIFE SCIENCES

Shearwater Health solves your life sciences talent challenges. Shearwater’s high-quality employees support product development and commercialization processes. With our support, life sciences organizations can deliver faster, more accessible therapies to patients everywhere.

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