

# CASE STUDY: ONCOLOGY DATA OUTCOMES SUPPORTING PRECISION MEDICINE



## INTRODUCTION

When a data-driven healthcare technology company needed personnel support, they contacted Shearwater Health Life Sciences. Shearwater performed oncology abstractions and data analysis to help the company determine the best cancer treatment options on a patient-by-patient basis.

## BACKGROUND

A data-driven healthcare technology company approached Shearwater Health's Life Sciences team for support in oncology data abstraction and outcomes supporting precision medicine. The information gathered through healthcare records for oncology patients is used to make better-informed, data-driven healthcare decisions for patients with breast, colorectal, or prostate cancer.

## THE CHALLENGE

The company is small and needed a people infrastructure to review healthcare records in a complex therapeutic area. The company required support with medical experience and the ability to maintain high quality at scale. The company turned to Shearwater Life Sciences to fulfill these needs.

## THE SOLUTION

Shearwater:

- Delivered a talented data abstraction team to perform detailed analysis with well-defined quality metrics, reviews, and ongoing performance analysis
- Provided the skills and flexibility this project required to ramp up quickly
- Delivered flexible communication and a collaborative relationship
- Brought a solution-oriented approach that always looked to solve complex problems and not merely identify them

**“SHEARWATER HEALTH IS OFFLOADING A LOT OF WORK WE DO IN-HOUSE SO WE CAN CONCENTRATE ON OTHER PROJECTS. OPENING UP OUR CAPACITY.”**



**10M+**  
PAGES REVIEWED

**90%**  
AVERAGE QUALITY RATING

**~95K**  
CASES REVIEWED

**3-Year**  
STRATEGIC PARTNERSHIP

As a result of meeting the company’s need to scale quickly and increase capacity, Shearwater supported the unique requirements of the client.

Leveraging clinical expertise with critical thinking, the team provided analysis of information gathered through abstraction for data-driven cancer research aiming to find the best care and treatment for patient cases of breast, colorectal, and prostate cancers.

All patients are sequenced by the client in terms of genetic testing. Most patients are receiving treatment and Shearwater supported data abstraction to aid in determining the next best treatment regimen for the patients including investigational new drugs, new clinical trials, and new approaches to cancer treatments.

**OUTCOMES**

Shearwater supported the unique needs of three programs across multiple projects in oncology (breast, colorectal, and prostate cancer). Reviewing ~2,500 healthcare records monthly, our team met or exceeded the required quality metrics (90%) with our team of registered nurses and pharmacists. Shearwater’s resources demonstrated the high-level critical thinking these complex projects required to enable the client to make better-informed, data-driven healthcare decisions for patients.

With Shearwater’s quality, expertise in data collection, and prior experience with data abstraction, the company has continually added scope as their relationship has grown.

**CONCLUSION**

Currently, the relationship between the company and Shearwater is moving into its third 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, the company considers Shearwater their strategic partner now and for future endeavors as we help them determine the best cancer treatment options on a patient-by-patient basis.

**To partner with Shearwater Health Life Sciences or for more information about our services and capabilities, visit [ShearwaterLifeSciences.com](https://www.shearwaterlifesciences.com).**

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