# Overnight Success.

## From Lighthouse Launch to Delivering Results in 24 Hours

When an Academic Medical Center first engaged with Carta Healthcare, they were clear about one thing: they did not need any of the Carta Healthcare team to help with their abstraction. They were focused solely on deploying Carta Healthcare's Lighthouse solution and planned to keep all abstraction in-house.

However, as the conversations deepened, they asked for resources to augment their internal team, to help with CathPCI. That single request grew quickly, beyond their initially expected case volume.

*But that was just the beginning.*

## A Fast Start That Surprised Everyone

Their registry services scope included CPMI, VQI, GWTG-Stroke, and CathPCI. Carta Healthcare launched AI support for CathPCI first, with the Carta Healthcare team handling 50% of the cases - 325 cases in just nine weeks.

We then planned to launch Lighthouse so their team could use it directly. When the day arrived for training and education, the plan was simple: train two CathPCI abstractors. Instead, three seasoned abstractors walked into the room, one each from CathPCI, STS, and CPMI - each with between 10 and 20 years of experience and a healthy skepticism of AI. In fact, just a few months earlier, they had been firmly against using AI at all.

## And Then It All Changed

Lighthouse training for Cath/PCI cases was on Thursday and the very next day, they were using Lighthouse in production!

The shift happened in real time. As the abstractors watched Lighthouse reconcile documentation, to present a single, clinically reasoned defensible answer, justification and citations, the room changed. The STS abstractor who started the session - hesitantly - with crossed arms - gradually leaned in, then uncrossed them entirely. She saw how Lighthouse would save time and improve data accuracy.

The CPMI abstractor, who wasn't even scheduled to launch, asked if she could start using Lighthouse immediately. And she did.

## Moments That Mattered

- The Lighthouse case summary feature stopped them in their tracks. What used to take hours to assemble for physician meetings appeared instantly.

- Lighthouse surfaced details missed by their abstraction team as the information was buried in clinical notes. This was a moment that sparked genuine excitement. Lighthouse was helping them be much more accurate.

- They arrived expecting to launch one registry. They launched two with a third to quickly follow.

- By the end of the day, they were asking how Lighthouse could support other use cases beyond registry abstraction.

- One abstractor even envisioned using Lighthouse for real-time protocol adherence, seeing how it could flag whether a patient's care was aligned with clinical pathways.

## From Hesitation to Enthusiasm

This Academic Medical Center went from "we don't want services" to expanding services.

From "we're not using AI" to launching two registries in a single day.

From skepticism to imagining entirely new workflows powered by Lighthouse.

**And it all happened in less than 24 hours**

What began as a cautious, measured exploration of external services and AI became a turning point for this academic medical center's quality leadership. Seeing Hybrid Intelligence in action—AI bringing speed, clarity, and consistency while experienced clinicians remained firmly in control—fundamentally changed how the work felt and what suddenly seemed possible. Early results were not abstract promises; they were visible, immediate, and real. Confidence replaced hesitation. Momentum replaced doubt. The organization moved decisively, launching multiple registries in a single day and setting a new direction for its clinical data strategy.

Today, leaders are reimagining clinical data workflows around Lighthouse, **using Hybrid Intelligence as the foundation** to scale registry participation, relieve operational strain, and ensure data quality keeps pace with the growing demands placed on their teams.