



How Azra AI Technology Increases Patient Retention By 58%, Reduces Time To Treatment By Seven Days, & Increases Nurse/Patient Interaction By 217%

Since its inception, Azra AI's workflow enhancements have increased annual Net Patient Revenue by more than 20%



Now that we know the denominator, or the number of diagnosed patients per year, we can size the programs, including nurse navigators, and needs for the system. We can now look at every diagnosis across the region and make the program really work and get patients to where they need to be – the right patient, the right treatment and at the right time.

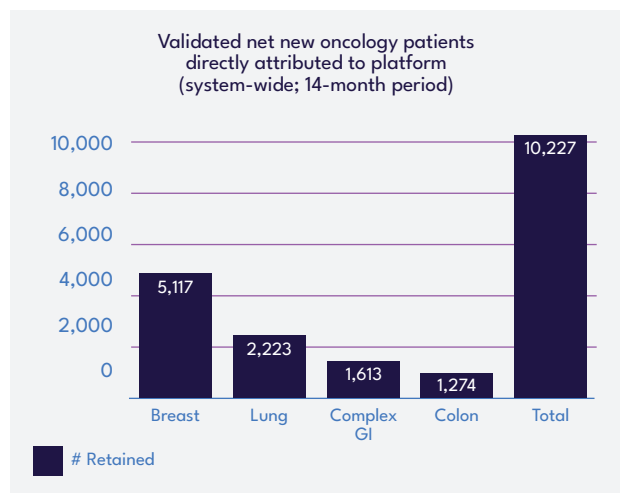
Dr. Richard Geer
Physician-In-Chief of Surgical Oncology at HCA Healthcare

Oncology Growth Rate

Azra AI recently worked with HCA Healthcare, one of the nation's largest healthcare systems, to implement a clinical intelligence platform across the enterprise. The results were dramatic, with a successful impact in all three phases of the oncology service line: financial, operational, and patient outcomes.

The growth rate for oncology volume tripled in the first year of implementation when compared with the previous year. Using Azra AI's technology, HCA added more than 10,000 new cancer patients nationwide. (Figure 1)

Figure 1

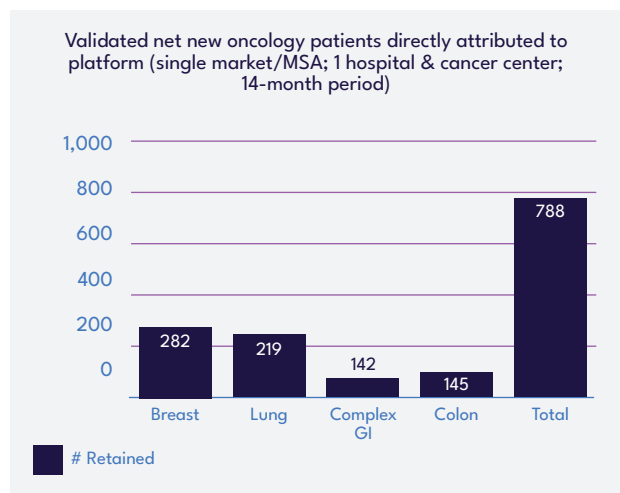


Oncology Growth Rate –Single MSA

Across all geographic markets, the results were positive. Figure 2 shows an example of a single market in a Metro Statistical Area (MSA) that compares a typical health system with one major hospital, cancer center, and a mix of employed and affiliated physician groups.

This HCA site saw 788 net new patients, which can be directly attributed to the use of Azra AI's platform in the first 14 months of usage.

Figure 2

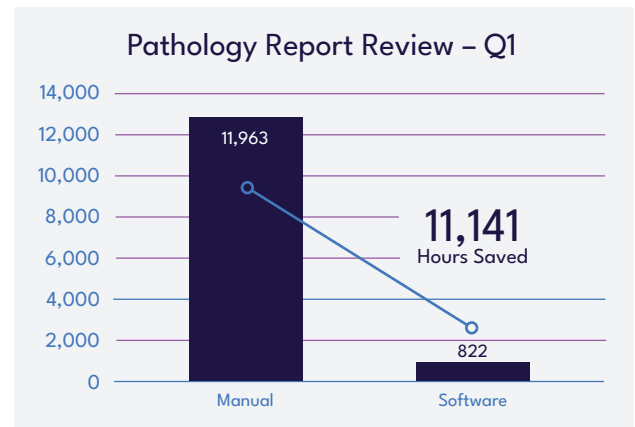


Life Isn't Structured. Data Shouldn't Have To Be.

Month Volume Rate –Single MSA

Azra AI's technology was able to review pathology reports by nurses, registrars, and clinicians in 822 hours, compared to the estimated average of 11,963 hours of manual review and reading. That's 11,141 more hours these clinicians can spend with their patients.

Figure 3



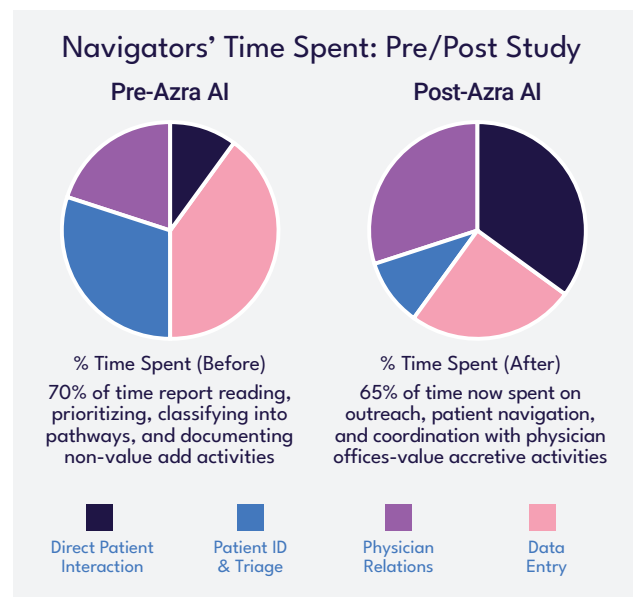
Navigator Time Analysis

Prior to the implementation of the Azra AI platform, navigators and care coordinators would comb through pathology reports in Electronic Health Records (EHRs) and other system data to find positive results, triage, match to pathways, and document follow-up. All of these facets are now fully automated.

After implementing the Azra AI clinical intelligence platform, the amount of time spent directly interacting with patients doubled (Figure 4).

Navigators were able to double their caseload without sacrificing additional personal interaction with patients. This increase was equivalent to hiring 114 new navigators across the HCA enterprise. With the care team now spending more time navigating and coordinating care, more patients were able to receive the benefits of nurse navigation and average speed to treatment decreased by seven days.

Figure 4





We started using Azra AI's technology in 2019. Prior to using this technology, we were doing everything manually, literally looking through hundreds upon thousands of emergency department scans ourselves. When we began to use this technology, the Azra AI team was able to pull all the nodules into a queue, which made things much easier for us. Working with them has been such a great experience. They can tailor the algorithm to streamline our processes. Starting a new program like this, they tailored it to match our staffing and patient needs to ensure its success.

We've connected hundreds of patients to care. It's fantastic.

Jami DeNigris
Director of Cancer Services, Inspira Health

Results

The research in this report conducted over 18 months reveals how dramatically oncology service line workflows can be improved using Azra AI's clinical intelligence platform. The identification, classification, and abstraction of key data elements including diagnosis, primary tumor site, and validation of incidental findings create a "triple aim" of impact for the patient, clinician, and organization.

Azra AI's platform transforms workflows and prioritizes nurses' time spent on patient care and navigation. Azra AI's technology provides an instant return on investment for medical systems launching a navigation program or improving and expanding a current program.



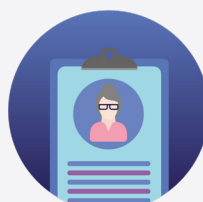
BETTER OUTCOMES

Seven-day reduction
in time to treatment



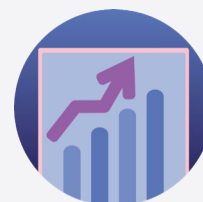
BETTER EXPERIENCE

217% increase in
clinical interaction



INCREASED RETENTION

58% increase in
patient retention



INCREASED REVENUE

20%+ increase in
net patient revenue