HEALTH DATA ANALYTICS INSTITUTE

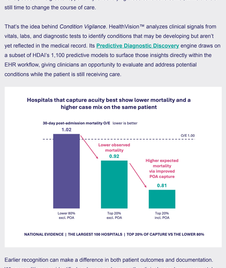
HDAI Happenings

October 2026 Vol. 32

Condition Vigilance: From Early Recognition to Better Quality and Revenue

Traditional CDI review often identifies documentation opportunities during or after an admission. But by then, opportunities to recognize and address evolving conditions may have passed. The greater opportunity is identifying those conditions earlier, while there's still time to change the course of care.

That's the idea behind *Condition Vigilance*. HealthVision™ analyzes clinical signals from vitals, labs, and diagnostic tests to identify conditions that may be developing but aren't yet reflected in the medical record. Its Predictive Diagnostic Discovery engine draws on a subset of HDAI's 1,100 predictive models to surface those insights directly within the EHR workflow, giving clinicians an opportunity to evaluate and address potential conditions while the patient is still receiving care.



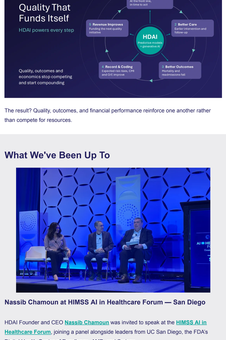
Earlier recognition can make a difference in both patient outcomes and documentation. When conditions are identified and managed sooner, the clinical record more accurately reflects the patient's actual condition and care. Better acuity capture, case mix, and reimbursement follow from that more complete picture. The goal isn't better coding for its own sake. It's better care, with the documentation and financial results to reflect it.

Excerpted from a blog by Dr. Scott Cullen

Quality, Revenue, and Reputation — On One Loop

At the HIMSS AI Leadership Summit in San Diego, HDAI CEO Nassih Chamoun presented how early condition recognition—the foundation of Condition Vigilance—connects clinical quality to financial performance in a continuous cycle.

It starts with diagnoses captured at the front line, while there's still time to act. Earlier recognition gives care teams an opportunity to identify and manage high-risk patients sooner. Better care leads to better outcomes, including lower observed mortality and readmissions. The clinical record then reflects the patient's actual conditions and complexity of care, supporting more accurate acuity capture and CMI. Stronger financial performance helps fund the next quality initiative, while improved outcomes and rankings strengthen the hospital's reputation.



The result? Quality, outcomes, and financial performance reinforce one another rather than compete for resources.

What We've Been Up To



Nassib Chamoun at HIMSS AI in Healthcare Forum — San Diego

HDAI Founder and CEO Nassib Chamoun was invited to speak at the HIMSS AI in Healthcare Forum, joining a panel alongside leaders from UC San Diego Health, the FDA's Digital Health Center of Excellence, AMD, and Scripps.

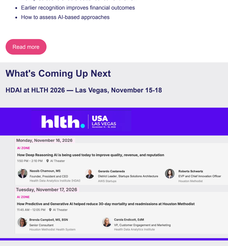
The session, *Metrics that Matter: Patient Outcomes, Patient Experience, and Where to Invest*, explored how healthcare organizations are moving beyond AI experimentation to measure its impact on patient outcomes, operational efficiency, and financial performance.



Scott Cullen, MD and Emily Hightower, MSN, RN, CPN at ASCO Quality Care Symposium — Boston

HDAI Chief Medical Officer Dr. Scott Cullen and Senior Manager of Clinical Transformation Emily Hightower were invited to the 2026 ASCO Quality Care Symposium to deliver a live product demonstration for oncology and palliative care professionals.

The demonstration showed how large language models can identify and summarize prior goals-of-care documentation from across the medical record, giving inpatient clinicians a clear picture of a patient's preferences and prognosis at the time of hospital admission. The demonstration was followed by a dedicated Q&A with attendees.



New White Paper

What if earlier diagnosis could improve outcomes and revenue — at the same time? Condition Vigilance drives better patient outcomes, quality, reputation — and revenue. In this paper, HDAI's CMO Dr. Scott Cullen, dives into the data behind that claim and shows how AI-driven Predictive Diagnostic Discovery changes care, not just coding.

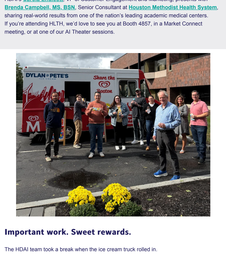
Learn about:

- Why the diagnostic gap is a timing problem
- Predictors vs. Detectors
- Why earlier recognition improves clinical outcomes
- How clinicians enable better concurrent review
- Earlier recognition improves financial outcomes
- How to assess AI-based approaches

Read more

What's Coming Up Next

HDAI at HLTH 2026 — Las Vegas, November 15-18



HDAI is heading to HLTH USA as an AI Zone sponsor

Stop by **Booth 4857** to see the latest from HealthVision™ and connect with our team. We're also participating in the HLTH Market Connect Program, which connects innovators with health system leaders through one-on-one meetings.

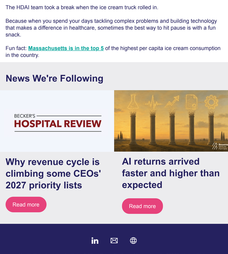
And in the AI Theater:

Monday, November 16 | 1:50–2:10 PM
How Deep Reasoning AI Is Being Used Today to Improve Quality, Revenue, and Reputation

Gerardo Castaneda from AWS and Roberta Schwartz from Houston Methodist take the stage alongside HDAI's CEO Nassih Chamoun to discuss how advanced AI is driving real improvements in quality and revenue at health systems today.

Tuesday, November 17 | 11:45 AM–12:05 PM
How Predictive and Generative AI Helped Reduce 30-Day Mortality and Readmissions at Houston Methodist

HDAI's Carola Endicott, VP of Customer Engagement and Marketing, presents with Brenda Campbell, MS, RSN, Senior Consultant at Houston Methodist Health System, sharing real-world results from one of the nation's leading academic medical centers. If you're attending HLTH, we'd love to see you at Booth 4857, in a Market Connect meeting, or at one of our AI Theater sessions.



Important work. Sweet rewards.

The HDAI team took a break when the ice cream truck rolled in.

Because when you spend your days tackling complex problems and building technology that makes a difference in healthcare, sometimes the best way to hit pause is with a fun snack.

Fun fact: Massachusetts is in the top 5 of the highest per capita ice cream consumption in the country.

News We're Following



Why revenue cycle is climbing some CEOs' 2027 priority lists

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AI returns arrived faster and higher than expected

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