

Hackensack Meridian Health



Lauren Koniaris, VP & Chief Medical Informatics Officer

Lauren Koniaris, M.D., Chief Medical Informatics Officer of the Northern Region has been named to Becker's Hospital Review list of 70 Women Leaders in Health IT to Know. In her role, Dr. Koniaris works to ensure all clinical workflows and processes at each hospital division are accounted for and modified as needed to ensure safe and effective patient care as electronic health records (EHR) are implemented and integrated. Accounting for ways in which physicians receive information and how that will change is essential and detail-oriented work for IT departments. The goal is for Hackensack Meridian Health to leverage EHR to positively impact health care throughout the state of New Jersey and beyond.



Hackensack Meridian Health is a leading not-for-profit health care organization that is the largest, most comprehensive and truly integrated health care network in New Jersey, offering a complete range of medical services, innovative research and life-enhancing care. The network has more than 500 patient care locations throughout the state which include ambulatory care centers, surgery centers, home health services, long-term care and assisted living communities, ambulance services, lifesaving air medical transportation, fitness and wellness centers, rehabilitation centers, urgent care centers and physician practice locations. Hackensack Meridian Health has more than 36,000 team members, and over 7,000 physicians and is a distinguished leader in health care philanthropy, committed to the health and well-being of the communities it serves.

DEPARTMENT BREAKDOWN

WHAT ARE YOUR KEY DEPARTMENTAL OBJECTIVES OVER THE NEXT 6 TO 12 MONTHS?

Optimize decision support tools, implement AI tools; Restructure/centralize data analytics resources; Optimize technical platforms to support advanced data analytics; Integrate data into clinical and business decision making for improved clinical outcomes and efficient processes.

WHAT IS YOUR CURRENT TECHNOLOGY STACK?

Dynamics 365, Social Chorus, Health Grades. Epic, NRC, VDI, Healthy Planet, Cotiviti. Tableau, Alteryx, Microsoft stack (Power BI, SQL, etc). StrataJazz, EPSi. RL Solutions. Lawson, Smart Square.

HOW MANY PEOPLE REPORT TO YOU (BOTH DIRECTLY AND INDIRECTLY)?

115

WHAT IS YOUR TOTAL BUDGET OVER THE NEXT 12 MONTHS PERIOD?

\$20 million

PROJECT INSIGHTS

PROJECT OR INITIATIVE DESCRIPTION

Integrate AI-driven clinical decision support modules that analyze patient data in real-time, providing evidence-based recommendations to clinicians at the point of care; seamlessly embed into existing EHR workflows, ensuring recommendations are accessible without disrupting clinicians' routines.

WHAT 3RD PARTIES ARE YOU HOPING TO MEET WITH?

AI vendors, decision support vendors/care coordination technology

WHAT IS YOUR TIMELINE FOR IMPLEMENTATION?

12-18 months

WHAT IS YOUR BUDGET FOR THIS PROJECT?

\$8-10 million

What technology/services are of strategic importance to you in the next 12 months?

Please indicate level of need/importance below.

We realize everyone has priorities, so we asked the delegates theirs. This is so that we can create a more personalized experience for all our attendees.

AI-enhanced virtual sitting to monitor patient vitals and trigger timely alerts.	A
AI to personalize treatment plans based on individual patient data.	E
Supporting patients through touchpoints along the care journey leveraging AI	A
Predictive Readmission Prevention: AI identifies high-risk patients for proactive interventions.	E
Streamlining admin tasks leveraging AI to improve quality, safety, and care outcomes.	C
Claim management and support utilizing AI to support denials and improve financial outcomes.	B
From automating tasks to flagging potential complications, integrating AI to streamline workflows, and improving clinician efficiency.	C
Ethical considerations around data privacy, bias, and human oversight for responsible implementation of healthcare AI.	A
NLP automatically documents doctor-patient interactions, freeing up physicians for more patient care.	D
AI can analyze vast datasets to accelerate research and personalize treatment options.	A
AI guide that automates, and analyzes virtual care and patient engagements.	D
Medical Imaging and AI Insights.	D
Automating tasks like scheduling, data entry, and medication dispensing frees up staff for patient care.	C
Proactive interventions based on AI risk assessments can prevent costly hospital returns.	C
Chatbots powered by AI to answer member questions, provide appointment reminders, and promote healthy behaviors, leading to improved member engagement.	B