Northwestern Medicine®
Northwestern Memorial HealthCare
541 N. Fairbanks Court
Suite 950-Office 963
Chicago, Il 60611

NORTHWESTERN MEDICINE'S ARTIFICIAL INTELLIGENCE IN HEALTHCARE 2025

FRIDAY, SEPTEMBER 19
8:00 AM TO 3:00 PM

Northwestern Memorial Hospital
251 East Huron Street, Feinberg Pavilion
Third Floor, Conference Room A
Chicago, Illinois 60611

Sponsored by Northwestern Medicine

Northwestern Medicine's Artificial Intelligence in Healthcare 2025

Course Director: ***Abel N. Kho, MD, MS, FACMI***

Director, Institute for Artificial Intelligence in Medicine
Director, Institute for Public Health and Medicine (IPHAM) - Center for Health Information Partnerships
Associate Professor of Medicine, Division of General Internal Medicine and Geriatrics, and Associate Professor of Preventive Medicine, Division of Health and Biomedical Informatics,
Northwestern University Feinberg School of Medicine

The healthcare industry is undergoing a significant transformation with the rise of artificial intelligence (AI) technologies. These technologies have the potential to transform healthcare delivery, improving diagnostic accuracy, personalizing patient care, optimizing operational efficiency and enabling predictive analytics. We will provide new practice guidelines and review recently published clinical trial data to improve patient outcomes with the utilization of AI technology.

The program is suitable for a wide range of healthcare professionals, including attending physicians, trainees, advanced practice providers (APPs), and nurses, fostering interdisciplinary collaboration for improving patient care. The program will address diverse perspectives and experiences, ultimately enhancing the learning experience for all participants.

PROGRAM OBJECTIVES

After attending this educational activity, participants should be able to:

1. Recognize opportunities to implement machine learning and AI in specialty practices.
2. Explain how data collection can be optimized during clinical operations.
3. Review the strengths and limitations of AI applications in a clinical care setting.
4. Identify the trends and trajectories of AI in the clinical setting.

For more information, please contact **Sarah Praski,** Continuing Medical Education Specialist II, **sbaggs@nm.org.**

Program Location

The program will be held in **Northwestern Memorial Hospital's Feinberg Pavilion,** 251 East Huron Street, Third Floor, Conference Room A, Chicago.

Directions and Parking

Please visit our website at **nm.org** for directions to the conference. We offer discounted parking in the garage just north of the hospital at 222 East Huron Street.

Hotel Accommodations

To make a hotel reservation, visit our list of local hotels offering discounted rates for Northwestern Medicine visitors at **nm.org** We recommend you **make your reservations as soon as possible** to ensure accommodations.

Registration Fees

Early Bird (through July 18)
NM physician: $80
External physician: $105
NM Nurses & Allied Health: $40
External Nurses & Allied Health: $65

After July 18
NM physician: $100
External physician: $125
NM Nurses & Allied Health: $50
External Nurses & Allied Health: $75

Registration Procedure

To register online, please visit **here.**

Accreditation Statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this educational activity for a maximum of *5 AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Agenda

Friday, September 19

8:00 am	**Registration and Breakfast**
8:45 am	**Welcome and Introduction** ***Abel N. Kho, MD, MS, FACMI***
9:00 am	**AI-Powered Biomechanical Analysis in Clinical Care to Drive Precision Rehabilitation** ***R. James Cotton, MD, PhD***
9:35 am	**Empowering Future Clinicians: AI in Healthcare and Healthcare Education** ***David M. Liebovitz, MD***
10:10 am	**Break**
10:25 am	**Using AI and Machine Learning to Broaden Specialty Exposure in GI: Eso-Instein** ***John E. Pandolfino, MD***
11:00 am	**Q&A**
11:15 am	**Lunch**
12:00 pm	**Transforming Medical Practice: Harnessing Large Language Models for Healthcare Excellence** ***Catherine A. Gao, MD***
12:35 pm	**From Pixels to Prognosis: Imbuing AI with Clinical Decision-Making Capabilities** ***Adrienne S. Kline, MD, PhD***
1:10 pm	**Break**
1:25 pm	**Pathology AI Applications** ***Lee A. Cooper, PhD***
2:00 pm	**AI for Precision Medicine** ***Sanjiv J. Shah, MD***
2:35 pm	**Q&A**
2:50 pm	**Closing Comments** ***Abel N. Kho, MD, MS, FACMI***
3:00 pm	**Adjournment**