2nd Annual Artificial Intelligence in Medicine Symposium: Practical Approaches to Health AI Deployment

December 12 – 13, 2025

Co-organized by the Cedars-Sinai Health System, Los Angeles, and University Health Network, Toronto

Location: Harvey Morse Auditorium, Cedars-Sinai Medical Center

Co-Chairs:

Sumeet Chugh, MD, Price Professor and Associate Director, Smidt Heart Institute; Vice-Dean and Chief AI Health Research Officer, Cedars-Sinai Health System

Barry Rubin, MD PhD. Professor of Surgery and Program Medical Director, Peter Munk Cardiac Centre; Co-Lead, AI Deployment Team, University Health Network

Scientific Program Committee:

Damini Dey PhD, Andrew Hung, MD, Piotr Slomka PhD (Cedars-Sinai)

Mamatha Bhat MD PhD, Joseph Cafazzo, PhD Benjamin Haibe-Kains PhD, Amin Madani MD,(UHN)

Day 1 December 12, 2025

8:00 am Introduction and Welcome. Sumeet Chugh, MD

8:10 am Opening Address. Jeffrey Golden, MD Executive Vice-Dean for Research and Education, Cedars-Sinai

8:15 am Health System Leaders Fireside Chat

Moderator: Barry Rubin, MD, PhD

Peter Slavin, MD. CEO, Cedars-Sinai

Kevin Smith, MD. CEO, University Health Network

9:00 am Keynote Lecture

Jason Moore, PhD. Introduction of Keynote Speaker

Isaac Kohane, MD, PhD. Editor, NEJM AI. Agentic AI and the Human Values Project

9:30 am Global Approaches to AI Governance in Healthcare

Moderator: Barry Rubin, MD, PhD.

Andre Dekker, PhD. Netherlands

Sujoy Kar, MD. India

Liat Nadai Arad, BSc, MBA. Israel

Caroline Chung, MD. United States

9:50 am Panel Discussion: Global Approaches to AI Governance in Healthcare

Panelists: Ian Abbs, MD, Craig Kwiatkowski, PharmD, David Rhew, MD, David Jaffray, PhD.

10:15 am Break

10:30 am Impact of AI Integration on Clinicians and Workflow

Moderators: Shaun Miller, MD, Barry Stein, MD
Panelists: Mouneer Odeh, MA, Matthew Wells, MSHS, Virginia Bartlett, PhD.

10:30 am Lalima Hoq, MD. Utilization of AI to minimize burnout among care providers.

10:40 am Elias Aboujaoude, MD. AI and healthcare provider burnout: the psychiatry perspective.

10:50 am Tracy Breece, NP. Working with nurses to develop an approach to AI implementation.

11:00 am Muhammad Mamdani, MD. AI meets the electronic health record (EHR): Impact of changing EHR vendors on AI solutions.

11:10 am Mattheus Ramsis, MD. How has AI impacted workflow in your organization, and what expectations do you have in the next 12 months?

11:20 am Discussion.

11:50 am – 1:00 pm Lunch

1:00 pm Deployment of AI Algorithms for Clinical Care: Use Cases Session 1

Chairs: Sumeet Chugh, MD, Mamatha Bhat, MD, PhD.
Panelists: Michael Brudno, MD, Shaf Keshavjee, MD

1:00 pm Mamatha Bhat, MD, PhD. Multi-AI agent systems for clinical decision making in liver transplantation.

1:10 pm Nick Marzotto. The use of agentic AI in healthcare: perspective from EPIC.

1:20 pm Brennan Spiegel, MD. Experience with the use of large language model chatbots in clinical practice.

1:30 pm David Ouyang, MD. Detecting structural heart disease from electrocardiograms using AI.

1:40 pm Joshua Lampert, MD. Limitations of AI-ECG algorithms in clinical decision-making.

1:50 pm Andrew Hung, MD. Surgical AI: deploying an AI model that assesses the quality of surgery.

2:00 pm Amin Madani, MD. Real-time deployment of AI in the operating room.

2:10 pm Discussion

2:30 pm Break

2:45 pm Enabling AI Deployment Through AI Education

Moderators: Jason Moore, PhD, Larry Katznelson, MD. Panelist: Joshua Goldhaber, MD

2:45 pm Laura Rosella, PhD. Translating AI into action: Building capacity for population health and health system impact.

2:55 pm Graciela Gonzalez-Hernandez, PhD. A clinically embedded health AI PhD program.

3:05 pm Ryan Urbanowicz, PhD. The AI Campus: A grass-roots model for accessible, hands-on AI education.

3:15 pm Jennifer Bell, PhD. Using AI to support patient decision-making about participation in clinical trials ethically.

3:25 pm Ellyn Winters-Robinson, BPR. Patient empowerment in clinical care through AI-enabled conversational care.

3:35 pm Ta'Nia Harris, MSHS and Bima Hasjim, MD. Voice of the Learners: Perspectives on the use of AI in education.

3:45 pm Discussion

4:00 pm Real-Time Health Monitoring and Intelligent Automation

Moderators: Yaron Elad, MD. Alan Kwan, MD. Panelist: Heather Ross, MD

4:00 pm Alejandro Berlin, PhD. Intelligent Automation in Radiation Oncology.

4:10 pm Chris McIntosh, PhD. Free-living predictions of heart failure.

4:20 pm Joseph Schwab, MD. Deployment of wearables for neuromuscular care.

4:30 pm Jacob E. Sunshine, MD. Building intelligent systems to detect cardiopulmonary emergencies.

4:40 pm Discussion

5:00 DEBATE. BE IT RESOLVED THAT HEALTH CARE SYSTEMS SHOULD SELL / PROVIDE DATA TO COMPANIES THAT USE THIS DATA TO DEVELOP AI ALGORITHMS FOR HEALTHCARE.

Moderator. Barry Rubin, MD, PhD.

Pro. David Rhew, MD, Global Vice President, Microsoft Research.

Con. Carole Piovesan, Managing Partner, INQ Law.

5:45 pm Reception, Sofitel Hotel

6:45 pm Dinner, Sofitel Hotel

Day 2 December 13, 2025

8:00 am Introduction to Day 2. Sumeet Chugh, MD

8:10 am Evaluating and validating health AI algorithms

Moderators: Folkert W. Asselbergs, MD, PhD, Benjamin Haibe-Kains, PhD.
Panelists: Michael Farkouh, MD, Brennan Spiegel, MD

8:10 am Folkert W. Asselbergs MD, PhD. How to conduct actual AI trials and evaluate and grade AI algorithms before inclusion in clinical guidelines.

8:20 am Jason Moore, PhD. Local vs. national validation of AI models.

8:30 am Benjamin Haibe-Kains, PhD. Challenges and opportunities using multi-modal AI for precision oncology.

8:40 am Paul Lukac, MD. A randomized clinical trial of two ambient AI scribes.

8:50 am Discussion

9:10 am Deployment of AI Algorithms for Clinical Care: Use Cases Session 2

Moderators: Aakriti Gupta, MD, David Ouyang, MD.
Panelists: Eytan Ruppin MD, PhD, Nicholas Tatonetti, PhD. Robert Avram, MD, PhD, Debiao Li, PhD. Piotr Slomka, PhD. Melissa Wong, MD. Panayiotis Petousis, PhD.

9:10 am Eytan Ruppin, MD, PhD. Prediction of cancer treatment response from hematoxylin and eosin-stained tumor slides.

9:20 am Nicholas Tatonetti, PhD. Use of AI algorithms to help identify, review, and manage clinical trial participants.

9:30 am Robert Avram, MD, PhD.. Deploying agentic AI for cardiovascular imaging interpretation.

9:50 am Break

10:05 am Debiao Li, PhD. Predicting biological aging and disease risks using AI analysis of medical images.

10:15 am Piotr Slomka, PhD. Deploying AI in nuclear cardiology.

10:25 am Melissa Wong, MD. AI-powered precision obstetrics.

10:35 am Panayiotis Petousis, PhD. Deploying AI models for early detection of kidney failure**.**

11:05 am Deployment of AI Algorithms for Clinical Care: Use Cases Session 3

Moderators: Piotr Slomka, PhD, Melissa Wong, MD
Panelists: Joshua Pevnick, MD. Caroline Goldzweig, MD. David Dorr, MD. N. Gurukripa Kowlgi MBBS, Damini Dey, PhD.

11:05 am Joshua Pevnick, MD. Diagnostic & Treatment Recommendations in a Telemedicine Urgent Care Clinic: Algorithm Development.

11:15 am Caroline Goldzweig, MD. Diagnostic & Treatment Recommendations in a Telemedicine Urgent Care Clinic: Training and Uptake.

11:25 am David Dorr, MD. Building a trusted, efficient, effective, and innovative strategy by combining AI with learning health system capabilities.

11:35 am N. Gurukripa Kowlgi, MBBS. ECG-based AI for prediction of left ventricular dysfunction: The Mayo Clinic experience.

11:45 am Damini Dey, PhD.. AI-powered quantitative plaque analysis from cardiac CT scans.

11:55 am Discussion

12:15 pm Concluding Notes: Sumeet Chugh, MD and Barry Rubin, MD, PhD.

Save the date: 3rd AI in Medicine Symposium, December 11 – 12, 2026.
Location: Cedars-Sinai Medical Center, Los Angeles, CA.

Guest Faculty

Ian Abbs, MD – Guy's and St. Thomas NHS Foundation Trust

F.W. (Folkert) Asselbergs, MD PhD – University of Amsterdam

Liat Nadai Arad BS, MBA – Tel Aviv Sourasky Medical Center

Robert Avram, MD, PhD. – University of Montreal

Tracy Breece, NP – Advocate Health, Chicago

Caroline Chung, MD – University of Texas MD Anderson Cancer Center

Andre Dekker, PhD – MAASTRO Clinic Maastricht The Netherlands

David Dorr, MD – Oregon Health & Science University

Bima Hasjim, MD – University of California at Irvine

David Jaffray, MD – University of Texas MD Anderson Cancer Center

Sujoy Kar, MD – Apollo Hospitals, India

Isaac (Zack) Kohane, MD, PhD – Harvard Medical School

N. Gurukripa Kowlgi, MBBS – Mayo Clinic, Rochester MN

Joshua Lampert, MD – Mount Sinai Medical Center

Paul Lukac, MD – University California at Los Angeles

Panayiotis Petousis, PhD – University California at Los Angeles

Carole Piovesan – INQ Law

Mattheus Ramsis, MD – University California San Diego Health

David Rhew, PhD – Microsoft

Eytan Ruppin, MD, PhD – The National Institutes of Health

Barry Stein, MD – Hartford Health Care

Jacob E. Sunshine, MD – University of Washington School of Medicine

Ellyn Winters-Roberson – Ask Ellyn

University Health Network, Toronto Faculty

Jennifer Bell, PhD

Alejandro Berlin, PhD

Mamatha Bhat, MD, PhD

Benjamin Haibe-Kains, PhD

Shaf Keshavjee, MD

Amin Madani, MD

Muhammad Mamdani, MD

Chris McIntosh, PhD

Laura Rosella, PhD

Heather Ross, PhD

Kevin Smith, MD

Cedars-Sinai, Los Angeles Faculty

Elias Aboujaoude, MD

Virginia Bartlett, PhD

Damini Dey, PhD

Yaron Elad, MD

Michael Farkouh, MD

Jeffrey Golden, MD

Joshua Goldhaber, MD

Caroline Goldzweig, MD

Graciela Hernandez-Gonzalez, MS, PhD

Aakriti Gupta, MD

Ms. Ta'Nia Harris

Lalima Hoq, MD

Andrew Hung, MD

Larry Katznelson, MD

Alan Kwan, MD

Craig Kwiatkowski, PharmD

Debiao Li, MD

Shaun Miller, MD

Jason Moore, PhD

Mr. Mouneer Odeh

David Ouyang, MD

Joshua Pevnick, MD

Joseph Schwab, MD

Peter Slavin, MD

Piotr Slomka, PhD

Brennan Spiegel, MD

Nicholas Tatonetti, PhD

Ryan Urbanowicz, PhD

Matthew Wells, MSHS

Melissa Wong, MD