Sheba Medical Center and Mount Sinai Collaborate to Implement AI Technology in Hospitals

Partnership Builds on Respective Expertise and Early Adoption of Artificial Intelligence and Machine Learning to Develop Novel Diagnostics and Treatments for Diseases

RAMAT GAN, Israel – October 10, 2022 - Sheba Medical Center, Israel's largest medical center and a Newsweek top-10 ranked world's best hospital for the last four years, marked two years of collaboration with Mount Sinai Hospital in New York to advance research into and implementation of Artificial Intelligence (AI) at the two institutions. To celebrate the collaboration, the hospitals held a joint Med AI conference together with Reichman University at its Herzliya campus.

The collaboration continues to build on Sheba and Mount Sinai's expertise and early adoption of various forms of artificial intelligence, including machine learning to develop novel diagnostics and treatments for diseases. In addition to spinning out a handful of their own startups developing AI tools for clinical use, Mount Sinai and Sheba continue to partner to experiment with new technologies in a clinical setting.

"The overarching goal of the collaboration between us is to impact patients' health with AI, and to subsequently transform healthcare," said Prof. Yitshak Kreiss, Director-General of Sheba Medical Center, at the conference. "Together, we will be able to build AI systems at scale from data representing both Sheba and Mount Sinai's diverse patient populations. These technologies will in time work to support physicians, foster research, and most importantly help patients' care and well-being."

Sheba Medical Center is leading the digital transformation of healthcare in Israel and around the world. Sheba's innovation arm, ARC (Accelerate, Redesign, Collaborate), is building and maintaining close partnerships and projects with the world's best hospitals and leading international entities, including Mount Sinai Healthcare System, among others.

Over the past two years, ARC and Mount Sinai have run dual clinical decision support (CDS) teams, one at each hospital, collaborating on collecting big data to help clinicians at both institutions make informed decisions regarding the diagnosis, treatment and prognosis of various conditions. This collaboration has also included an exchange program of AI researchers sent from Israel to New York to share expertise.

"This collaboration aims to lead the artificial intelligence-driven transformation of health care through innovative research, apply that knowledge to treatment in hospital and clinical settings, and provide personalized care for each patient," said Prof. David Reich, President of Mount Sinai

Health System, also speaking at the Med AI conference. "These advances will expand Sheba and Mount Sinai's impact on human health across both hospitals and around the world."

About Sheba Medical Center

The largest and most comprehensive medical center in the Middle East, Sheba Medical Center, Tel Hashomer is generating global impact through its medical care, research and healthcare transformation. Sheba's City of Health boasts an acute-care hospital, rehabilitation hospital, research and innovation hubs, medical simulation center, as well as a center for disaster response on one comprehensive campus in the heart of Israel. Sheba serves as a true hospital without borders, welcoming patients and healthcare professionals from all over the world. For more information, visit: eng.sheba.co.il

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About Mount Sinai Health System

Mount Sinai Health System is one of the largest academic medical systems in the New York metro area, with more than 43,000 employees working across eight hospitals, over 400 outpatient practices, nearly 300 labs, a school of nursing, and a leading school of medicine and graduate education. Mount Sinai advances health for all people, everywhere, by taking on the most complex health care challenges of our time — discovering and applying new scientific learning and knowledge; developing safer, more effective treatments; educating the next generation of medical leaders and innovators; and supporting local communities by delivering high-quality care to all who need it.

For more information, visit: https://www.mountsinai.org

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