Our team is looking forward to presenting our work at the American College of Cardiology's Annual Scientific Session (ACC 2024) in Atlanta, GA. If you are attending, please come say hello as we share our science.

CarDS Lab at ACC 2024

Rohan Khera

Evangelos K Oikonomou

Phyllis Thangaraj

Lovedeep Singh Dhingra

Veer Sangha

Arya Aminorroaya

Philip Adejumo

Pegah Khaloo

Kyle Feliciano

Dhruva Biswas

Day 1
April 6

Time	Presenter	Type	Title	Location
10:45-11:30 AM	Evangelos Oikonomou	Poster	Cross-Modal Validation of an Artificial Intelligence Video-Based Approach for the Automated Risk Stratification in Aortic Stenosis	Hall B4-5 183
12:45-1:30 PM	Veer Sangha	Poster	Using Photos of Electrocardiograms as a Biomarker for Cardiovascular Risk - A Multinational Assessment of a Novel Artificial Intelligence Approach	Hall B4-5 116
3:30-3:40 PM	Phyllis Thangaraj	Moderated Poster	Evidence from Randomized Controlled Trial to Real-World Patients Using EHR-Adapted Digital Twins: A Novel Application of Generative Artificial Intelligence	Theater 9
3:45-3:55 PM	Lovedeep Dhingra	Moderated Poster	A Wearable-Adapted Artificial Intelligence Algorithm for Heart Failure Prediction from Single-Lead Electrocardiograms in a Large Nationwide Cohort Study	Theater 9
4:00-4:10 PM	Phillip Adejumo	Moderated Poster	A Novel Deep Learning Approach for Automated Extraction of Funcional Status and New York Association Class for Heart Failure Patients During Outpatient Encounters.	Theater 2
4:45-4:55 PM	Pegah Khaloo	Moderated Poster	Temporal Trends in Access to Cardiac Electrophysiological Care in United States: Insights from US Medicare Physician Claims (2013-2020)	Theater 1

Day 2
April 7

10:09-10:18 AM	**Bhavik Bansal** Visiting Student	**Poster**	Trends in Knowledge of Risk Factor Targets Among Patients with Diabetes Mellitus in the United States: A Nationally Representative Study	**Hall B4-5 219**
10:09-10:18 AM	**Evangelos Oikonomou**	**Heart Tank**	Mechanistic Evaluation of a Video-Based AI Biomarker For Aortic Stenosis Progression	**Engage Stage**
10:09-10:18 AM	**Lovedeep Dhingra**	**Talk**	Heart Failure Risk Prediction Using Artificial Intelligence on ECG Photos in Large Contemporary Cohort	**B207**
12:15-1:00 PM	**Arya Aminorroaya**	**Poster**	Correlation Between Hospital Rates of Survival to Discharge and Long-Term Survival for In-Hospital Cardiac Arrest: Insights from Get With the Guidelines Resuscitation	**Hall B4-5 115**
1:00-2:00 PM	**Rohan Khera**	**Talk**	Detecting Structural Heart Diseases Using Wearable-adapted AI Algorithms for 1-Lead ECGs	**Future Hub**
2:15-3:00 PM	**Arya Aminorroaya**	**Poster**	Comparative Cardiovascular Effectiveness of Anti-Hyperglicemic Agentes Initiated as Second-Line Therapy in Type 2 Diabetes: A Large-Scale, Multinational, Federated Target Trial Emulation in The LEGEND-T2DM Study.	**Hall B4-5 216**

Day 3
April 8

8:30-8:40 AM	**Rohan Khera**	**Panel**	How Machine Learning and AI will Transform Diagnosis and Treatment of Heart Failure	**B206**
9:06-9:22 AM	**Evangelos Oikonomou**	**Talk**	Multinational Real-World Evaluation of a Machine Learning-Derived Tool for Anatomical versus Functional Testing in Suspected Coronary Artery Disease	**B213**
9:20-9:30 AM	**Rohan Khera**	**Talk**	What Does A Heart Failure Clinician Need to Know About Deep Learning?	**B206**
10:45-11:30 AM	**Kyle Feliciano**	**Poster**	Wearable Device Use Patterns Among Those with Cardiovascular Risk in All of Us Research Program: An Evaluation Against a Nationally Representative Database	**Hall B4-5 221**

We look forward to connecting with you there!

CarDS LAB