The Interdisciplinary Center (IDC) Herzliya pays tribute to

PROF. RAFAEL BEYAR

Prof. Rafael Beyar, Director of Rambam Health Care Campus in Haifa; cardiologist and biomedical researcher in cardiac systems and a professor at the faculty of Biomedical Engineering and Rapaport faculty of Medicine, where he also served as dean. Among his fields of research are: invasive cardiology; innovative 3D imaging and analysis of the heart; robotics in stents; and mathematical models of cardiovascular systems.

Beyar was raised and educated in Tel Aviv. He studied medicine at Tel Aviv University through the Israel Defense Forces’ academic program and served as a combat medic. He then returned to academe and obtained a doctorate in biomedical engineering.

Beyar initiated some of the most advanced cardiology developments in the world, and headed the Technion’s Heart System Research Center, which he co-founded with the late Prof. Samuel Sideman. In his doctoral work, he specialized in restarting and assisting the failing heart, a field he continued to study and develop as a researcher and doctor. Meanwhile, he developed an innovative heart revival system that entered widespread use and contributed to the understanding of blood flow mechanisms during heart failure.

In the 1980s and 1990s, Prof. Beyar developed advanced stents that were used in clinics and research centers around the world and positioned Israel as a leader in the field of high-tech cardiology. He was also involved in developing medical robotics to ease the process of placing stents and arterial implants in patients.

After completing his medical residency at Rambam, he continued to a cardiology fellowship at Johns Hopkins University, where he further explored the field of stents. At Johns Hopkins, he continued to study and develop novel methods for cardiovascular disease, and contributed to the understanding of blood flow mechanisms during heart failure.

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In 2006, on the eve of the Second Lebanon War, Prof. Beyar was appointed director of Rambam. Despite the lack of protection for the hospital and under unceasing missile attacks, the hospital treated most of the wars wounded, both military and civilian. Under his management, a new campus was established at Rambam that includes The Sammy Ofer Fortified Underground Emergency Hospital, the Ruth Rappoport Children’s Hospital, the Joseph Fishman Oncology Center, and a cardiovascular hospital that is currently being built.

After completing his fellowship, he returned to Rambam as a senior doctor and founded a series of international conferences focusing on Innovations in Invasive Cardiology. These conferences emphasized achievements of Israeli scientists and contributed to the international publication of their academic activities.

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In recognition of his varied activities and numerous achievements in the field of medicine, scientific and medical development of cardiology in general and invasive cardiology in particular, outstanding management and advancement of the Rambam Health Care Campus, and extraordinary contribution to Israeli academia, medical research and public health in Israel, Prof. Rafael Beyar is hereby named an Honorary Fellow of the Interdisciplinary Center Herzliya.

Honorary Fellow

The Interdisciplinary Center Herzliya

Prof. Uriel Reichman
President and Founder

June 2nd, 2016

Herzliya, Israel