Israel’s Sheba Medical Center Creates Life-Saving Innovative Technologies to Lead Israel’s COVID-19 Battle

During Israel’s first COVID-19 wave, Sheba Medical Center emerged as the nation’s leader through pioneering tactics and resourceful preparedness. As Israel suffers through the second COVID-19 wave, Sheba has produced touchless, innovative medical technologies that are saving lives in Israel and worldwide.

Sheba initiated a pilot program in July with Newsight to enhance virus detection spectral technology that tests for COVID-19 in less than a second.

Sheba launched a “Mega Lab” solution in July that improves patient care through lab technology advances that expedite lab test results and decrease human error. The “Mega Lab” is touted as the most advanced hospital lab in the world able to react within 30-60 minutes rather than three to five hours for patients.

Sheba held a shark-tank style “Corona Data Challenge” in June, a race for AI innovators to create a tool that predicts why some coronavirus patients experience sudden deterioration.

Sheba created Healthspace 2030, the patient room of the future integrating AI, robotic technologies, wearable devices, virtual reality and other smart technology to simulate the most extreme medical situations, including the current fight to save coronavirus patients.
Sheba Medical Center Mobilizes Creative COVID-19 Solutions Always Planning Three Steps Ahead

Sheba has already planned ahead for a possible disastrous winter, having converted a huge underground parking facility and creating a second designated area to form two isolated ICU treatment areas with 280 beds where many critically-ill patients may be treated.

Sheba is using nearly a dozen technologies culled from Sheba’s ARC Innovation Center, a global digital healthcare leader accelerating medical innovation solutions at unprecedented speed. Pictured left, a personal robot for remote medical examinations and video communication between the patient, medical staff and family.

Sheba’s ARC Innovation Center collaborated with the IDF’s 8200 Intelligence Unit to treat COVID-19 patients, spearheaded by Sheba’s telemedicine COVID-19 treatment program, one of the most unique treatment protocols in the world.

Sheba has treated 600+ COVID-19 patients, the most of any hospital in Israel (as of 7/27/20). Sheba has the most beds available in Israel to treat COVID-19 patients, and can expand every COVID-19 specialized department including a designated Critical Care Unit, Moderate Unit, Light Unit, and Maternity Ward totaling 500+ beds.

For more information, please contact Molly Sobo Hoff
(310) 838-0700 | office@shebamed.org
www.friendsofsheba.org