

Da Nang supports DTU to develop ventilators

On April 11th, a non-invasive ventilator called DTU -VENT was introduced by a researcher team at Duy Tan University to help Covid-19 patients with serious breathing problems. Mr. Huynh Duc Tho, Chairman of the City People's Committee, attended the debut and pledged financial support during the completion and commercialization of the DTU-Vent.



DTU researchers introduce their non-invasive ventilator. Photo: TAN LUC

The DTU-VENT non-invasive ventilator has several outstanding features such as pressure control, volume control and assist control to meet the needs of each patient, with a battery to guarantee three hours of continuous operation in case of power failure.



Da Nang Chairman Huynh Duc Tho and the DTU researchers. Photo: TAN LUC

It took 10 days for the team of 6 researchers to create the breathing machine. The materials were sourced locally.



Zoom in of DTU-VENT. Photo: TAN LUC

Since the covid19 pandemic has created huge demand for hospital ventilators to treat patients with acute respiratory failure, Chairman Huynh Duc Tho encouraged the research team to continue finalizing their design while asking the Da Nang Department of Science & Technology to fund DTU's project to soon put it into mass production.

Director of Da Nang Department of Health Ms. Ngo Thi Kim Yen and Mr. Tran Van Hoang, Deputy-Director of Da Nang Department of Science & Technology will monitor and help the research team perfect their prototype ventilator. A science council will be created to undertake the appraisal of DTU-VENT ventilators.

(Media Center)