T-ICU Co., Ltd. raises a total of 153 million yen from Beyond Next Ventures Inc. and others

T-ICU Co., Ltd., a member of the Kobe Biomedical Innovation Cluster, which provides remote intensive care solutions by specialists, has announced that it has raised a total of 153 million yen through a third-party allocation of new shares on December 28, 2020. Underwriters include funds managed by Beyond Next Ventures Inc. (Chuo-ku, Tokyo), Mitsubishi UFJ Capital Co., Ltd. (Chuo-ku, Tokyo), Tokai Tokyo Investment Co., Ltd. (Chuo-ku, Tokyo), and Quantum Leaps Capital Partners (Chiyoda-ku, Tokyo) as well as individuals.

With the funds raised by this third-party allotment, T-ICU will expand the COVID-19 countermeasure support project, on which it is currently working with Kobe City, to local governments across Japan and develop a system for implementing its basic patent in remote intensive care. It will also promote the dissemination and verification of its remote intensive care solutions toward full-scale expansion nationwide as well as overseas.

≪Remote consultation system, “Relieve”≫

The company’s remote consultation system called “Relieve” is a support system for the treatment of critically ill patients, which enables “all hospitals to have an intensive care physician.” A medical team consisting of intensive care physicians and certified nurses for intensive care provides 24-hour, 365-day support to the on-site treatment of critically ill patients, for which there is a lack of specialists nationwide.

The treatment of critically ill patients, which is often a matter of life and death, imposes a heavy physical and mental burden on physicians and nurses engaged in such treatment. “Relieve” helps to alleviate such concerns of the medical staff and supports them with the latest knowledge and abundant experience.

In terms of the technical aspects, advanced communication equipment enables the sharing of a range of biological information and test results and provides more practical treatment support that goes beyond conventional telephone consultation. In addition, support is available not only in the intensive care unit but also for those hospitals where emergency and nursing care is given.

≪Remote monitoring system, “Close-by”≫

With the concept of supporting patients and medical professionals from a distance, the remote monitoring system “Close-by” realizes clear communication with the staff at the bedside through the detailed observation of medical conditions using a high-performance camera and advanced communication equipment. It is also possible to monitor multiple patients at the same time on one screen and graphically display their health condition on a monitor connected to a medical device. Utilizing an independent network, the system does not interfere with existing systems and provides perfect confidentiality. This system is a very effective means for the treatment of COVID-19 patients in isolation.

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