T-ICU Co., Ltd. Undertakes JICA’s ICU Telemedicine Support Survey Project in Developing Countries - Helping Support for COVID-19 Counter Measures with Japan Model of ICU Telemedicine -

T-ICU Co., Ltd. (“T-ICU”), a member of the Kobe Biomedical Innovation Cluster, which provides remote intensive care solutions by ICU specialists, has undertaken the “Data Collection Survey on the Use of ICU Telemedicine in Pandemic Situations” project organized by the Japan International Cooperation Agency (JICA), to conduct survey activities aimed at providing ICU telemedicine support services in more than ten (10) countries in Africa, Asia and South America.

In this survey, the needs of the target countries will be confirmed for technological cooperation in ICU telemedicine, and for the donation of ICU-related equipment, aiming at supporting the combining of telemedicine technology and equipment. The survey also aims to examine the provision of remote training in intensive care techniques for healthcare professionals working in intensive care units (ICU).

**Project name:** Data Collection Survey on the Use of ICU Telemedicine in Pandemic Situations

**Target countries:** The pilot activities are targeted at Myanmar, the Philippines, and Indonesia.
In addition to the target countries in the pilot project, the following thirteen (13) countries are considered.
- **Asia region:** Vietnam, Bangladesh
- **Oceania:** Tonga, Palau, Fiji
- **Africa region:** Mozambique, Kenya, Senegal
- **Latin America region:** El Salvador, Guatemala, Bolivia, Brazil, Mexico.

**Purposes:** To identify the appropriate form of technical assistance in the event of an infectious disease epidemic, such as COVID-19, this survey aims to:
1. Collect and analyze basic information on the response status to moderate and severely ill patients, and current issues surrounding remote intensive care treatment in each country;
2. Examine the ideal form of JICA’s assistance in the field of tele-ICU services based on the implementation of the lessons learnt from the pilot activities; and
3. Determine the preconditions for the formulation of individual technical cooperation projects for JICA.
The survey period will be until June 2021. During this period, pilot ICU telemedicine services will be provided in three countries (Myanmar, the Philippines and Indonesia), and remote training program will be formulated for enhancing the capacity of local medical professionals cooperation in the upgrading of local staff.

In the meantime, information will be collected in more than 10 countries about their local infrastructure, legal systems, the level of health services/medical services, etc., as required for the support of ICU telemedicine, in order to facilitate the formulation of full-scale service projects.

T-ICU contributes to this project in the medical care aspects, formulating a joint venture with the CDC International Corporation, a consulting company specializing in JICA programs in Kobe.

T-ICU has already collaborated with CDC International in a system that has been introduced into the Kobe City Medical Center General Hospital. This system will also function as the basis for providing ICU telemedicine in target countries in the current project.

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