T-ICU Co., Ltd. Introduces Tele-ICU System to Medical Institutions in Kobe in Collaboration with the City of Kobe

T-ICU Co., Ltd., a member of the Kobe Biomedical Innovation Cluster (KBIC), has introduced the Tele-ICU (Intensive Care Support) System to medical institutions in Kobe that receive patients with COVID-19, in cooperation with the Kobe city and the Kobe City Medical Center General Hospital. Under the system, intensive care specialists will be able to support the provision of medical care from remote locations using information communication technology (ICT). This enables to help providing appropriate quality medical care to patients with infectious diseases (e.g., early detection of aggravation of the disease) and further enhance the provision of medical care in the city.

In Japan, Kobe City is the first municipality to support the introduction of the tele-ICU system to private medical institutions to respond to the COVID-19 pandemic.

1. Purpose
   (1) To provide appropriate treatment to patients with COVID-19 at medical institutions in the city, while detecting aggravation of the disease as early as possible and giving a prompt treatment by transferring patients to Kobe City Medical Center General Hospital.
   (2) To support the medical institutions in the city that receive patients with infectious diseases safely and secure more beds for the hospitalization of patients with mild to moderate symptoms, thereby reducing the burden on doctors and nurses in a clinical setting.
   (3) Through (2) above, we may prevent patients with infectious diseases from being transferred from medical institutions in the city to the Medical Center General Hospital at an early stage due to fear of the condition becoming severe so that the hospital can instead focus on treating critically ill patients.
   To realize the above purpose, the environment will be improved to strengthen the provision of medical care throughout the city.

2. Operational plan
   · T-ICU Co., Ltd. will introduce the company’s Tele-ICU (Intensive Care Support) System to medical institutions in the city and connect them via a network to the support center where registered intensive care specialists will be standing by to support the onsite physicians sharing the screen of patients’ biological information and electronic medical records for detail consultation.
   · With regard to the handling of patients with COVID-19, the Kobe City Medical Center General Hospital will share its knowledge with T-ICU and give advice on treatment policies based on its experience as a medical institution designated for infectious diseases.

≪Scheme≫
3. Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Apr 2020</td>
<td>Introduce the system to connect with the Medical Center General Hospital and the Medical Center West Hospital/Nishi-Kobe Medical Center on a trial basis to verify the usability of the system.</td>
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<tr>
<td>Aug 2020</td>
<td>Arrange for medical institutions in the city to introduce the system.</td>
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<tr>
<td>Sep 2020</td>
<td>Set up the system and start operation.</td>
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<tr>
<td>End of Mar 2021</td>
<td>Scheduled end of the operation. (However, the operation is subject to extension due to the situation of COVID-19 pandemic).</td>
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≪Reference≫ Information on T-ICU Co., Ltd.

- An IT venture founded by Mr. Tomoyuki Nakanishi, the present president of the company and an intensive care specialist (Head Office: Ashiya City, Hyogo Prefecture).
- Developed a teleconference system named “Relieve” that supports medical institutions on a round-the-clock basis by connecting medical institutions that provide intensive care to patients with severe symptoms and a Support Center where registered intensive care specialists stand by via a network to share information such as biological information on a monitor and electronic medical records for consultation.
- In 2018, selected for the “500 KOBE ACCELERATOR” In April 2019, took part in Kobe Biomedical Innovation Cluster.