Resolving Healthcare Challenges

**Basic Approach**
Guided by its group mission—“Contributing to Society through Healthcare”—the Terumo Group is turning an earnest eye to various medical issues as it seeks to address the needs of patients and healthcare professionals through excellence in innovation. Among the medical issues we seek to address are local regional issues, which need to be resolved to ensure everyone around the world in need of healthcare services has access to safe and high-quality services. We are offering support to assist in the resolution of these issues while coordinating with healthcare institutions, governments, international institutions, NPOs, NGOs, and other partners.

**Major Initiatives**

**Response to the Global COVID-19 Pandemic**
Dr. Shibasaburo Kitasato, one of the architects of Terumo’s establishment, dedicated his life to combating infectious disease and researching bacteriology. His spirit has continued to live on throughout Terumo’s long history. This spirit can be seen in Terumo’s ongoing commitment to the priority theme of fighting infections. Driven by this commitment, we have launched Japan’s first disposable syringes and blood bags; developed closed infusion systems; supported improving environmental quality in operating rooms and hospital rooms, and provided training on infection prevention measures that can be taken within hospitals.

Guided by this spirit, business activities are being advanced in accordance with the following basic policies, which were formulated based on Terumo’s Group mission, Core Values, and business continuity plan policies, to combat the impacts of the global COVID-19 pandemic.

1. To protect the health and safety of all Terumo associates with utmost priority.
2. To maintain a stable supply of products to continuously meet global healthcare needs.
3. To actively engage and contribute to the prevention and treatment of the disease, by maximizing the Terumo Group’s expertise and technologies.

A wide variety of Terumo products are used in medical settings. These products range from the thermometers employed on a daily basis to the infusion systems utilized for managing the administration of infusions and drug solutions and the extracorporeal membrane oxygenation (ECMO) systems that are used to treat patients with COVID-19 in serious condition. We are maximizing the Terumo Group’s expertise and technologies in order to achieve a stable supply of products while helping prevent the spread of COVID-19 to support the healthcare professionals active on the front lines of medicine as well as the patients requiring treatment. In addition, we donate Terumo products to healthcare institutions and make monetary donations to the COVID-19 Solidarity Response Fund for the World Health Organization in order to make further contributions to medicine.
Public–Private Partnership to Advance Measures for Infection Control of Blood Used for Transfusions in Ghana

In Ghana, the need to prevent infections caused by bacteria, viruses, and other pathogens during blood transfusions is becoming an important medical issue. To address this issue, Terumo took part in a public–private partnership together with Japan International Cooperation Agency (JICA) in 2017 and 2018 to prevent infections during blood transfusions.*1

In this project, Terumo worked with the Ministry of Health and the National Blood Service, Ghana to install the Pathogen Reduction Technology (PRT) system*2, developed by Terumo’s Blood and Cell Technologies Company, at blood centers to promote the routine use of technologies for reducing pathogens in blood used for transfusions. In addition, a haemovigilance system has also been implemented to monitor the safety of blood transfusions and accumulate data acquired throughout the entire blood transfusion process, ranging from blood donation to post-transfusion monitoring of patients. This system will enable the analyses and assessments needed to prevent adverse effects.

*1 Terumo applied and was selected for the Collaboration Program with the Private Sector for Disseminating Japanese Technology for the Social and Economic Development of Developing Countries by JICA and has been conducting this program on an outsourced basis from JICA.

*2 The PRT system is currently not available in Japan.

Development of Systems for Training Healthcare Professionals Worldwide

Performing percutaneous coronary intervention (PCI) using catheters and cardiovascular surgeries requires a certain amount of knowledge, skills, and experience pertaining to the proper operation of the necessary medical devices. Medical training opportunities are scarce in certain countries, resulting in a lack of physicians and surgeons with the required knowledge and skills and of clinical engineers and perfusionists capable of managing and operating the medical devices needed for treatment.

As a global provider of medical devices, Terumo is developing systems to provide training for healthcare professionals worldwide to ensure that as many patients as possible are able to receive the treatment they need.

In Japan, Terumo established Terumo Medical Pranex, a facility that realistically simulates operating rooms, catheterization laboratories, and other hospital facilities, in 2002. Since then, this facility has been used as a site for the training of physicians, surgeons, nurses, clinical engineers, and other medical professionals from around the world. The Terumo Group has recently been moving forward with efforts to have overseas Group companies establish training facilities at their sites. The goal of these efforts is to provide medical professionals with greater access to training opportunities matched to the levels and needs of the medical fields in these countries. Such training facilities have already been opened in the United States, Europe, South Korea, Vietnam, India, and Mexico, among other countries.

“Resolving Healthcare Challenges” page in the sustainability section of Terumo’s corporate website: https://www.terumo.com/sustainability/healthcare/