

Technical training on hemodialysis and water quality management, and provision of support for a survey and formulation of a guideline for water quality management in Mongolia

● Background information: local situation and needs

Dialysis equipment maintenance methods and education systems are not yet established in Mongolia. In particular, there is no water quality control management system to protect against contamination, and the water in some facilities is highly contaminated, increasing the risk of fever and intradialytic hypotension in patients undergoing hemodialysis. As a variety of measures are urgently required, we propose to provide support for the establishment of water quality standards and guidelines for water quality management.

● Outline of the project

In this project, the Japanese Society for Technology of Blood Purification (JSTB) will cooperate with the Mongolian Dialysis Society and the First, Second, and Third Central Hospital of Mongolia (the top government hospitals) to provide training to all dialysis workers in Ulaanbaatar, especially on the technical aspects of dialysis treatment. In addition, we will provide technical training for water quality management at each facility to enable the facilities to appropriately manage the water quality at their facilities and also give the necessary support for formulating guidelines for water quality management and verify the effectiveness of the guideline.

● Expected results and ripple effects of this project

JSTB will formulate Standard of fluids for hemodialysis and related therapies that match the actual situation in Mongolia together with the guideline creation members (local doctors, nurses, engineers, etc.) during this project period, and build a sales network for necessary equipment and an inspection ordering system. As a result, sustainable development of blood purification technology in Mongolia can be expected.

