

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 transfer the technology which can be sustainably developed, by formulating guidelines, providing technical training taking into account the actual situation in Mongolia, and establishing a sales network for the necessary equipment and expendables and an outsourcing system for measuring the water quality through a local company, with the expectation of sustainable development of blood purification technology in Mongolia.

