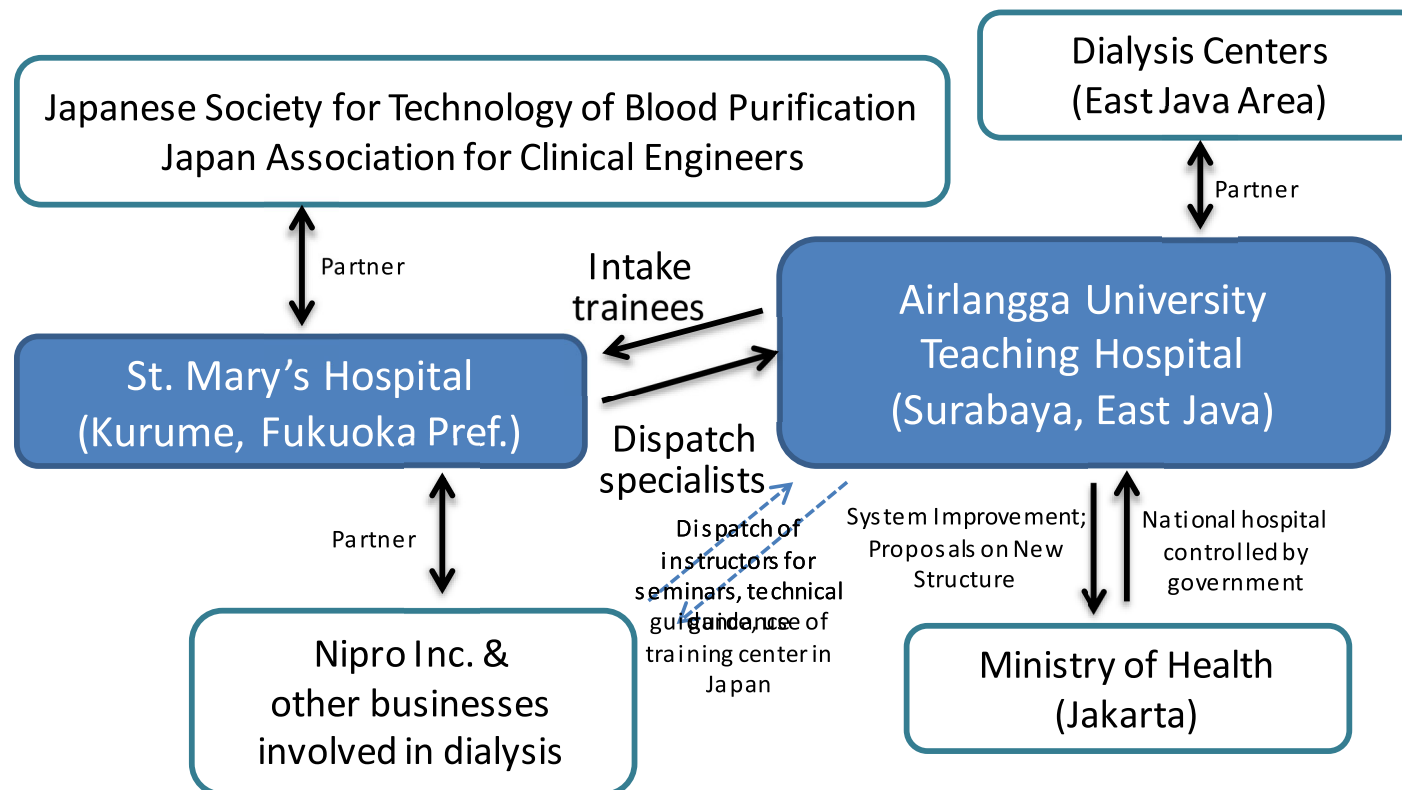


Building a Management System for Dialysis Equipment in Indonesia

- As the quality of Indonesia's medical care increases, the country faces a drastic increase in hemodialysis therapy for patients with chronic kidney failure. The equipment management system is unable to keep up with demand and is negatively affecting the quality of dialysis therapy.
- This project aims to improve the quality of dialysis medicine at Airlangga University Teaching Hospital in Surabaya, Indonesia's second largest city, by conducting trainings in Japan and by dispatching Japanese experts to Indonesia. With longstanding experience in international cooperation, St. Mary's Hospital spearheads the project and also solicits support from relevant organizations to achieve the project goal.
- This project is centered around the management of Japanese dialysis machines and will promote the use of Japanese-made products in the dialysis center. An improvement in prognosis for patients is expected by conducting a training course to educate engineers as well as expanding the project activities (dialysate purification) outward to other institutions. For this purpose, the training center for hemodialysis engineers will be launched. In addition, the experience gained in dialysis machine management can be applied to the safe management of all medical equipment at the hospital, which could lead to the establishment of an educational program and licensing system for clinical engineers in the future.



<Training Schedule>

July-Nov.: Prepare for the training (via email and online meetings). Consider, discuss and prepare the curriculum & lecture materials for the training on maintenance.

Sep.-Nov.: Conduct a survey on water quality at dialysis facilities in Surabaya. Give technical guidance on hemodialysis.

Late November: Conduct the training (dispatch 5 specialists).

Mid-December: Training in Japan (Accept 4 trainees).

Mid-January: Follow up on the training. Evaluate the activities in current fiscal year. Plan for FY 2021 (online meetings).