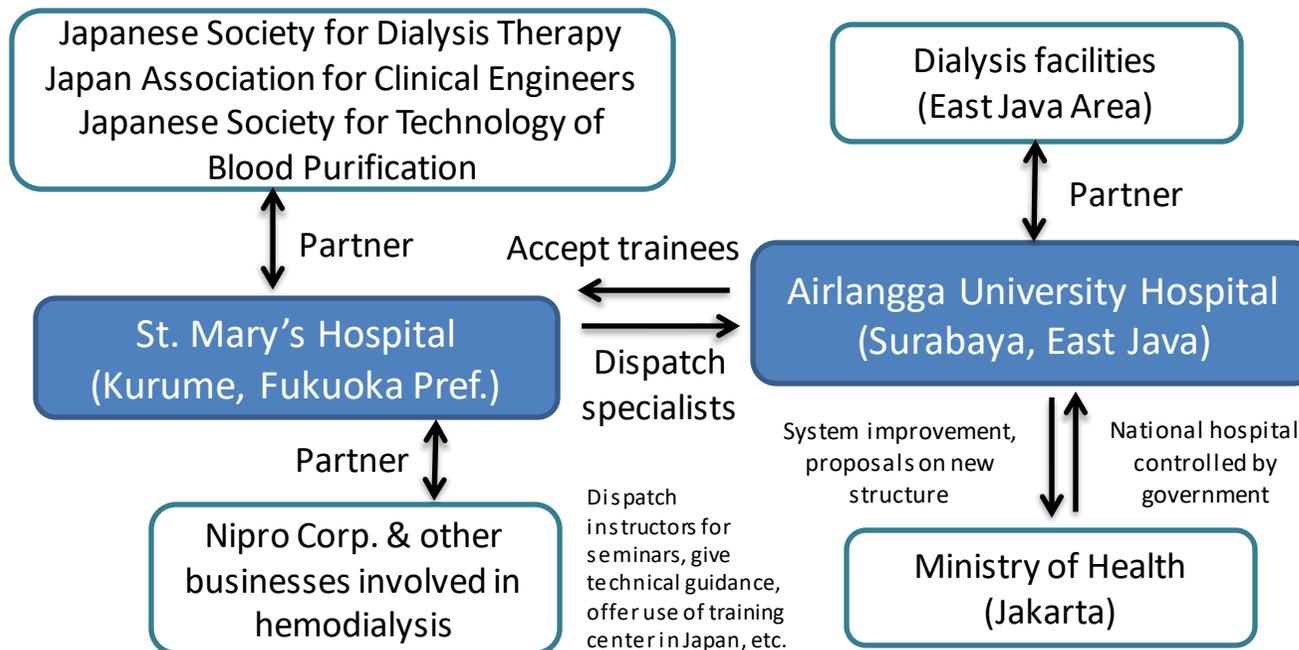


Building a Management System for Medical Equipment in Indonesia

- Airlangga University Hospital (AUH) has successfully established a system of continuously providing its patients with purified dialysate, thanks to the engineers educated in this project from 2018 to 2020. The Ministry of Health of Indonesia responded to this achievement and established the country's first national dialysis water quality standards. In fiscal 2021, an online training course was conducted to share the dialysate purification techniques attained by the engineers with other institutions in East Java.
- This project aims to improve hemodialysis therapy through the engineers' enhanced knowledge/skills of the dialysate purification techniques. It also aims to establish a system of conducting human resource development training within AUH, which could lead to expanding the market for Japan-made hemodialysis machines, etc.
- The teaching of dialysate purification techniques will continue. Also, a survey and analysis of the medical equipment management system of AUH will be used to come up with a model system, which will be shared with other institutions through a training course, for which preparation will be made in this project. St. Mary's Hospital will spearhead the project and also solicit support from relevant organizations to achieve the project goal.
- St. Mary's Hospital will continue to support AUH in conducting a training course on dialysate purification techniques in order for the participating institutions to satisfy the dialysis water quality standard by Jan. 2023. The course will further contribute to improving the prognosis of patients as well as introducing Japanese-made hemodialysis machines/medical equipment. Also, from 2023 onward, the training will deal with medical equipment overall, which could lead to the establishment of an educational program and licensing system for clinical engineers in the future.



< Training Schedule >

- Jul. - Sep.:** Dispatch 5-4 specialists
 - Conduct field survey of medical equipment management status
 - Check the water quality since starting project
- Jul. - Dec. Feb.:** Preparation for medical equipment management training (online)
- Jul. - Nov. Jan.:** Dialysate purification training for engineers working at local medical institutions.
- Oct. Jan.:** Welcome 3 AUH leaders to St. Mary's Hospital.
 - Conduct tours to see medical equipment management status in Japan
 - Hold meeting for evaluation & drafting plan for next year
- Jan.:** Dispatch 4 specialists
 - Follow-up of the training in Japan
 - Hold meeting for evaluation & drafting plan for next year