

Building a Management System for Dialysis Equipment in Indonesia

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- 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 newly constructed dialysis center. An improvement in prognosis for patients is expected by continuing the project activities begun in 2018 (dialysate purification) and by expanding activities outward to other institutions. 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.

