

Building a Management System for Medical Equipment in Indonesia

- Airlangga University Hospital (AUH) has successfully realized 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.
- The project aims to conduct an online training course to share the dialysate purification techniques attained by the engineers with other institutions in East Java. Also, research 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 support AUH in conducting an online training course on dialysate purification techniques in order for the participating institutions to satisfy the dialysis water quality standard by Feb. 2022. The course will further contribute to improving the prognosis of patients as well as introducing Japanese-made hemodialysis machines/medical equipment. Also, from 2022 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.

