

Research on maintenance and troubleshooting of the HS70A ultrasound machine by Samsung Medison

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Abstract: This is a Capstone Project aimed at analyzing the current context of maintenance and troubleshooting for the Samsung Medison HS70A ultrasound medical device, meeting the need to optimize hospital operations. The main objective of the project is to build a professional maintenance process and a system of rapid solutions for handling issues by applying scheduled maintenance theory combined with empirical practice. Through the research process, we expect to contribute to improving the quality of medical services while saving operational costs for healthcare facilities.

Keywords: Ultrasound machine maintenance, Samsung Medison, Troubleshooting, Maintenance system, Application research