

Research on operation, maintenance, and troubleshooting of the Samsung Medison Sonoace R7 ultrasound machine

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Abstract: This topic aims to study the operation, maintenance, and troubleshooting of the Samsung Medison Sonoace R7 ultrasound machine. In practice, ensuring the stability and high performance of medical equipment is an urgent requirement to improve the quality of healthcare services. The objective of the research is to identify factors affecting machine operation and propose effective maintenance methods to minimize errors. The implementation method is based on a combination of theoretical research and practical surveys at medical facilities using this equipment. The expected results will provide a foundation for improving operation and maintenance processes, thereby enhancing the quality of medical diagnostic services.

Keywords: Ultrasound, Sonoace R7, Samsung Medison, maintenance, troubleshooting