

Research on the operation, maintenance, and troubleshooting procedures for the Siemens Magnetom Avanto 1.5 T MRI scanner.

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Abstract: This topic aims to study the operation and maintenance procedures of the Siemens Magnetom Avanto 1.5 T MRI scanner, while also examining and troubleshooting some common issues. Through a synthesis of theory and experimentation, the goal is to provide effective solutions for technicians in the process of using this medical device. The results of the study are expected to contribute significantly to improving the quality of medical services and reducing machine downtime due to failures.

Keywords: Maintenance, MRI Machine, Malfunction, Siemens Magnetom Avanto 1.5 T