

Study of structure, operation process, maintenance, and troubleshooting of some endoscope machine malfunctions.

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Abstract: This topic focuses on researching and improving methods for managing, operating, maintaining, and troubleshooting a range of endoscopy devices commonly used in medical settings. In the context of the increasing demand for endoscopy equipment, issues regarding operational performance, maintenance time, and service quality of these devices have become urgent. The objective is to build a comprehensive management system to optimize usage efficiency and minimize the downtime of endoscopy machines. The research method combines theoretical analysis with experimentation, applied to improve equipment operation and maintenance procedures. Through this, the topic aims to contribute to enhancing the quality of medical services by ensuring the reliability and performance of endoscopy devices.

Keywords: Endoscopy, Equipment management, Maintenance, Troubleshooting, Optimization