

Research on the operation, maintenance, and troubleshooting process of the Finecare™ fluorescence immunoassay analyzer.

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Abstract: Background/Reason for choosing the topic: In medical practice, ensuring the stable operation of fluorescence immunoassay analyzers is a key factor for result quality. Objective: To research and develop effective operation and maintenance procedures, as well as propose troubleshooting solutions for the Finecare™ device. Method: Using a combination of theoretical academic study and experimentation to evaluate technical factors affecting device performance. Significance/Expected results: This topic will contribute to improving the quality of testing services and ensuring safety in the use of medical equipment.

Keywords: Operation procedure, Maintenance of testing machine, Troubleshooting, Fluorescence immunoassay, Finecare™ machine