

Research on the operation and maintenance process of the CONVERGYS X3 hematology analyzer

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Abstract: This topic aims to research and propose an optimal method for the operation and maintenance process of the CONVERGYS X3 hematology analyzer. With the goal of improving operational efficiency and extending the equipment's lifespan, we apply theoretical methods of maintenance management combined with experimentation at a local hospital. The expected results will contribute significantly to ensuring the quality of hematology testing while saving operational costs.

Keywords: Operation procedure, maintenance of testing machines, maintenance management, hematology, CONVERGYS X3