

Research on the operation process of the Da Vinci surgical robot system

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Abstract: This topic aims to study and analyze the operational process of the Da Vinci surgical robot system, an advanced tool in the medical field. Through data collection from experts and clinical records, along with experimentation on simulations, this topic will identify key factors contributing to the effectiveness of robotic surgery. The implementation of this technology not only improves the quality of medical services but also enhances patient safety. The expected results of the study will provide a theoretical and practical foundation for optimizing the use of the Da Vinci system in the future.

Keywords: Surgical robot system, Da Vinci, operating procedure, medical application, advanced technology