

## **Healthcare Revolution: The Role of Robotics by Anika Rahman**

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### **Abstract**

This research investigates the evolving role of robotics in healthcare from its first discovery to recent applications. It also provides an overview of how robots have been used to manage the spread coronavirus by reducing human contact. Besides their utility during the pandemic, the paper intends to highlight the importance of AI-based machines and the various applications of such technologies across healthcare settings.

To date, few research papers have studied the acceptability and functionalities of robots. This research will allow, through its findings and analysis, readers to understand the positive and negative impacts of using robotics in the healthcare industry. Before they can be completely incorporated into patient care, users' reflections should be considered, and services should ensure patients that robots are meant to support professionals and not replace them.

Following the findings, it can be concluded that this study may be utilised to create a better conceptual understanding of robotic use within healthcare organisations. The structure and content of this research have a different critical perspective which allows us to explore the correlation between the healthcare setting and robotics.

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