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Entitled
The Robot's Civil Liability for Medical Errors
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Abstract

The researcher addresses a critical issue regarding robot technologies and their impact on legal liability within the healthcare sector in the research titled "The Robot's Civil Liability for Medical Errors". This scientific study aims to comprehend the legal challenges associated with the growing utilization of robots and intelligent systems in medical procedures, as well as how to establish medical error liability in this context.

The research starts with a review of the existing legal frameworks of traditional medical liability, providing a general overview of technology developments in healthcare and their application in utilizing robots. The study sheds light on the challenges that arise when attempting to apply traditional laws to robots and explores ways to enhance legal frameworks to ensure fair and appropriate liability allocation.

Furthermore, the researcher delves into the increasing role of robots in improving medical practices and preventing medical errors. This analysis looks at who should bear the liability for errors that occur in healthcare operations related to robots. A comparative analysis of various national and international legal systems in this context is conducted, highlighting the challenges that hinder the achievement of equality and justice. Moreover, practical examples and case studies are presented in the research to illustrate the legal and ethical challenges associated with civil liability related to robots in cases of medical errors. The researcher also provides recommendations for future legislation and healthcare policies to strike a balance between technological advancement and legal protection of patients and healthcare practitioners.

**Keywords:** Civil Liability, The Robot, Medical Errors, Legal Challenges