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A Comparative Study on Performance Measures of Smart Monitoring System

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Abstract



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Abstract:

The Intelligent techniques are required to track patients' physiological data remotely and effectively. Individuals who are at high risk after surgery require a high degree of care. The primary goal is to assess a research model that employs a machine learning technique and deep learning algorithm to investigate clinical data using a Convolutional Neural Network Model. It is constructed in three sections. The goal of the ssystem is to provide a full monitoring and analysis platform powered by the MATLAB IDE that can be used to build patient observing systems all in one place. The current technique of checking patients in hospitals binds them to their beds and may be uncomfortable for patients to wear. The designed framework incorporates integrated sensors such as a skin temperature sensor.

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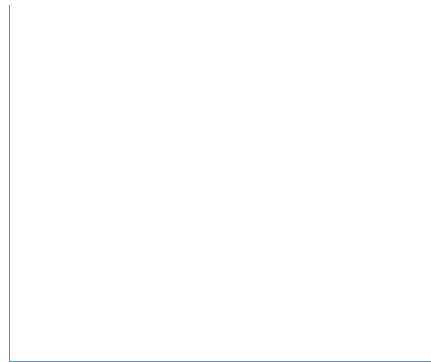
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Modern technology breakthroughs elevate medical operations to a higher degree. The number of medical carers in the workforce is expected to decline by 2022, creating stress in an environment where an excessive workload might raise patient worry. An arrhythmia is a heartbeat that is irregular. If you have an arrhythmia, your heart rate may be faster or slower than that of those who do not have an arrhythmia. There are various disorders that can cause your heart to beat irregularly, and therapy is dependent on the cause consult your doctor if your pulse is racing, dizzy or woozy, or experiencing chest discomfort.

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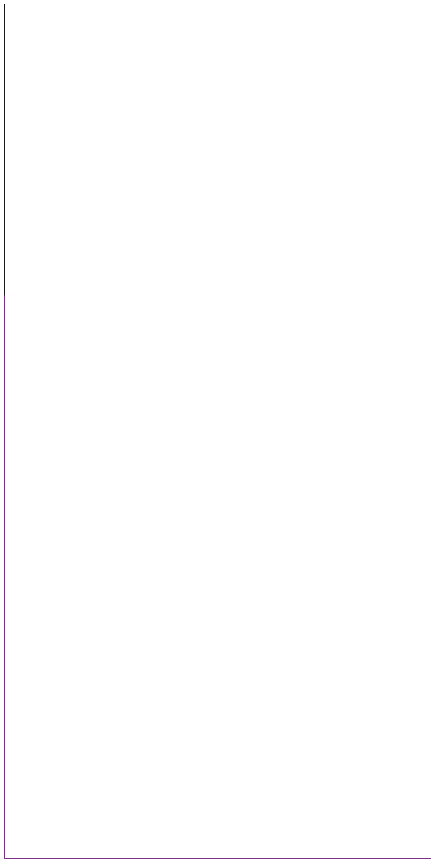


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