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(57) Abstract:

(3/) Abstract:
With the advent of IoT Technologies, Healthcare Monitoring of Patients is very much possible from a remote location using Sensors. These sensors in Wireless Body Area Networks are designed to be tiny and intelligent that are capable to capture and monitor physiological symptoms of patients from remote location. According to the research analytics of World Health Organization, nearly 32% of the deaths in India are due to heart related diseases. It is also reported that this ratio is expected to increase rapidly, thereby reporting highest number of heart diseases cases in India amongst other countries of the world. This fact clearly illustrates the need for continuous remote healthcare monitoring of the patients. Disclosed is Remote Healthcare Monitoring System using Wireless Body Area Networks. Various Sensors such as Temperature Sensor, Heartheat Sensor, Accelerometer and Gyroscope records the Healthcare Metrics of a patient. The recorded data are evaluated using Artificial Intelligence Techniques for the healthcare related issues as the vital healthcare signs of patients are monitored using Wireless Body Area Networks. The evaluated results from the Raspberry Pi processor is sent as an alert to the smart phones of doctors and other caregivers for assistance

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