

A NON-INVASIVE REMOTE HEALTH MONITORING SYSTEM USING VISIBLE LIGHT COMMUNICATION (Li-fi)

Abstract

Telemedicine is a rapidly developing application of clinic medicine where medical information is transferred through the phone or other networks for the purpose of consulting and performing remote medical procedures or examinations. Telemedicine can be applied to a greater extent in the field of cardiology where ECG serves as the major tool. This project elaborates the experience; a methodology adopted and highlights various design aspects to be considered for making telemedicine in patient monitoring system effective. In this method, the patient's vital signs like heart beating rate, temperature and glucose level are captured and the values are continually displayed on the doctor's phone using VLC system.

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