Abstract

Care of critically ill patient requires prompt & accurate decisions so that we can protect as well as save the life. Due to such requirements, ICUs have become widely established in hospitals. In most hospitals difficulty is that expert has to regularly visit the patient & assess his/her condition by measuring different parameters. These systems works when there is any emergency by using different wireless technologies. This paper is mainly based on continuous monitoring aspect of home patients. This requires a reliable, energy efficient patient monitoring system that can be able to send parameters of patient in real time. So the doctors can monitor patients parameters easily(temp, Pulse rate, Blood Glucose). The major goal of the final proposed system is that it detects processes and sends patients data (temp, Pulse rate, Blood Glucose) over a wireless.

References

- Dogan Ibrahim, Kadri Buruncuk, "HEART RATE MEASUREMENT FROM THE
FINGER USING A LOW-COST MICROCONTROLLER"; 2006.
- N. Beaulah, AL. Kumarappan, "HOME BASED WELLNESS MONITORING SYSTEM THROUGH MEMS TECHNOLOGY"; (IJCSE), Vol. 4 No. 3 Jun-Jul 2013
- MS. Shilpa W. Bali, Prof V. M. Rohokale, Prof. V. V. Deotare; "Performance of Wireless Biomedical Signals Transmitter By Using ARM-7"; IJET Volume 3 Issue-5-2012.
- AL. Kumarappan Home Based Wellness Monitoring System Through MEMS Technology, ISSN: 0976-5166 Vol. 4 No. 3 Jun-Jul 2013
- DONG Jun, ZHANG Jia-wei1, ZHU Hong-hai1, WANG Li-ping, LIU Xia, LI Zhen-jiang, Wearable ECG Monitors and Its Remote Diagnosis Service Platform, IEEE Intelligent Systems, 2011
- Freescale Application Note: AN4025 - Implementing a Glucometer and Blood Pressure Monitor Medical Devices by Carlos Casillas and Roxana Suarez
- www. datasheetcatalog. com/datasheets. . . /-/LCD-016Moo2B
- www. datasheetdir. com/LM35+Temperature-Sensors
- www. dataheetcatalog. com/datasheet/M/MAX232. shtm

Index Terms
Keywords
Blood Glucose  Real time  wireless technology  Glucometer Syringe pump.