Coronaviruses, Alpha Coronaviruses

A REVIEW ON ENERGY PRESERVATION PROTOCOLS FOR WIRELESS BODY AREA NETWORK

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Abstract

The Wireless Body Area Networks (WBANs) having wearable or implanted, real time monitoring health care technologies has ultimate capabilities to upgrade the culture of medical treatments by providing door step monitoring of patients. This type of system that regularly monitor physiological parameters can consist of a network implanted inside the human body or in wearable sensors. One of the critical challenges for e-Health processing in any WBAN of either intra-body area network or inter-body area network communication is detection as well as maintenance of Quality of Service (QoS). Here latency with probability of information delivery and mobility produced by movements of patient under the dynamic environment is the major factors of QoS of any WBAN. Various researchers on the basis of their fine research and different findings have discussed the protocols for energy preservation. Concise overviews of those findings and research have been discussed in this review paper, in context with energy efficient routing protocols. This paper provides information to focus on recent research requirements in WBAN. Those are based upon energy preservation, routing protocol and channel modeling along with brief review of previous & popular scientific research works on WBAN.
Keywords: *WBANs, QoS, e-Health Processing, Network and Energy Preservation*