

***Abstract: Ambulatory Monitoring System for U-Health Care Culture***

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**Abstract**

In this paper, we propose the Ambulatory Monitoring System (AMS), shoes detecting incorrect ambulatory habits. We made the shoes to collect walking data and transfer them to a host PC through Bluetooth wireless communication. It is possible to check a patient's health status in real time by measuring the data from their results in daily life. Also, people can correct their stride on data collected and compared with a normal stride. Modern people do not know that walking incorrectly gives negative influences on their body although they are walking for more than half of the day. This paper's aim is to inform people of their wrong ambulatory patterns and support modern health services through the use of AMS.

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