

Sensing system and sensing method of passive patch interface for gathering bioinformation

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Abstract— This paper describes a sensing system and a sensing method based on bio - information collection interface using passive patches. Especially, it is a research on sensing system and sensing method based on information gathering interface using passive patch which can be sensed by the activation of external power without internal battery.

When a drug is administered to treat a patient, it is largely divided into oral administration and parenteral administration. In this case, the parenteral administration may be divided into mucosal administration methods such as ocular mucosal administration, nasal administration, sublingual administration and rectal administration, and injection administration methods such as intravenous injection and subcutaneous injection, and skin administration method. Among them, the method of administering the drug through the skin is as shown in Fig. 1, using a paste, a patch, or a wetting agent.

Keyword— Wearable system, Passive sensing, Patch interface, Sensing network



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