

SMART MEDICAL BRACELET WITH TRIAGE FUNCTION AND APPLICATION METHOD THEREOF

ABSTRACT

A smart medical bracelet with triage function and its application method comprise: a
5 main body, comprising a housing with an internal accommodation space; a touch display
panel positioned at a top opening of the housing; an optical transceiver situated at a first
bottom opening of the housing; a body temperature detector located at a second bottom
opening of the housing; a pair of local charging terminals placed on one side of the housing;
a full-color light-emitting diode; and a strap connected to the main body. The strap includes
10 a flexible light-guide strap positioned on the outer surface of the strap and optically coupled
to the full-color light-emitting diode to guide its emitted light. The smart medical bracelet
with triage function is designed to detect a user's instant vital signs and aid in medical
procedures.

15 Figure 1