

INTELLIGENT MEDICAL SYSTEM AND APPLICATION METHOD THEREOF

ABSTRACT

An intelligent medical system comprises: an emergency department subsystem, a
5 health information subsystem, and an integrated device comprising: a touch display panel,
a light transceiver, a temperature detector, a full-color LED, a strap, a flexible light-guide
optically coupled to the full-color LED, a control unit, a data transmission wireless
network communication device, and an identification wireless network communication
device. Various application methods of the intelligent medical system include: pairing
10 steps, triage steps, diagnosis and treatment steps, payment steps, steps for receiving
medication, and steps for returning an integrated device. The present invention pairs the
integrated device with a patient's identity, and through real-time transmission of
information such as vital signs, position, and triage identification signals to an intelligent
healthcare status dashboard, healthcare personnel can promptly understand the patient's
15 conditions and control all relevant processes.

FIG.1