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(57) Abstract :
ABSTRACT WIRELESS INFUSION BOTTLE MONITORING SYSTEM The present invention relates to a wireless infusion bottle monitoring system to measure the level of the liquid remaining in the infusion bottle and to alert the threshold status to the medical staff. It comprises of a device (100) attached on the medical bottle with a photocoupler to measure the drops fallen into drip chamber, a contactless level sensor to determine the threshold level of the liquid in the bottle, a control unit comprising of a micro-chip and a microcontroller connected to the photocoupler and the contactless level sensor, a battery with a charging port connected to the microcontroller to supply power to the microcontroller, a plurality of LED indicators to display the status of the device; and a server database with details of the patients and a website and an application connected to the database to shows the detail of the patient collected.

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