

Monitoring Posisi dan Penggunaan Infus Berbasis Arduino (*Position and Usage Infuse Based Arduino*).

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***ABSTRACT***

*Infuse is a medical device that in certain circumstances be used to replace lost fluids and electrolyte balance of the body . In fact , nurses or medical personnel are sometimes negligent about their duties in the bag of intravenous fluids to replace the patient because of the limitations of time and effort . Yet it can also cause other complications . In this study will be designed a detection system as intravenous fluid conditions in realtime monitored by nurses . Detectors infusion condition includes volume intravenous fluids , obstruction interference and the flow rate has been successfully constructed by combining ultrasonic sensor , a photodiode and a microcontroller -based arduino uno is expected to facilitate pengawalan use of the infusion order Pemakian infuse more supervised and therefore the author compiled the heading " Monitoring Position and Usage Based infusion arduino " .*

*Keyword:* Tickle Of infuse, Usage Infuse