

IoT BASED HEALTHCARE SYSTEM IN ICU

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DESCRIPTION:

Intensive care units (ICU), cater to patients with severe and life-threatening illnesses and injuries, which require constant, close monitoring and support from specialist equipment and medications in order to ensure normal bodily functions. Common conditions that are treated within ICUs include acute (or adult) respiratory distress syndrome (ARDS), trauma, multiple organ failure and sepsis.

Care in the ICU differs from other hospital units. Seriously ill patients require close observation and monitoring. Specially trained nurses care for one or two patients at a time, each shift. ICU doctors are specially trained critical care doctors. Patients may have special equipment in their room, depending on their unique situation and condition. The equipment in the ICU may seem overwhelming. Patients are connected to a system namely known as **IOT based telemedicine system in ICU** to monitor their temperature, wet sensing bed unit, eye blinking finder (coma) and movement sensor.