

Labor and Delivery / NICU



ElectroClave being used next to hand washing station at Memorial Hermann NICU (Houston, TX)

UV-C DISINFECTION AND DEVICE MANAGEMENT FOR MOBILE ELECTRONICS & HIGH-TOUCH ITEMS

THE RESULTS

In the NICU Department at Memorial Hermann Memorial City Medical Center we utilize the ElectroClave to disinfect our visitors' personal mobile electronics. We have visitors wipe down their mobile devices (cell phones/tablets) to quickly "clean" off any visible debris and then place their mobile device into the ElectroClave to disinfect for 120 seconds. The ElectroClave is set up in close proximity to a hand washing station and when the ElectroClave runs a cycle, a blue light illuminates inside the box. The lit blue light is used as guidance for the visitors to continue to wash their hands until the blue lights turn off. The visitor then removes the mobile device from the ElectroClave and enters into our NICU with clean hands and disinfected mobile electronics."

MEMORIAL
HERMANN

-Erica Huckaby, BSN, RNC-MNN Clinical Manager, Memorial Hermann

THE CHALLENGE

Labor and Delivery, as well as the NICU, are high-traffic areas which see multiple visitors daily. Often times, visitors are either asked to not bring in personal devices or to keep them in a plastic zip lock bag. The purpose is to avoid any dangerous pathogens traveling from the mobile device, to the hands, and potentially the newborn. Unfortunately, there is no way to guarantee that visitors are following hospital recommendation or protocol. During the fight against COVID-19, it is critically important for these facilities to enforce hygiene & sanitization protocols to prevent the spread of infection. When clean hands touch contaminated surfaces, washing hands and wearing a mask is not enough to stop pathogens from spreading. With the ElectroClave Solution, the hospital can ensure proper disinfection of high-touch devices, keeping patients and visitors safe from cross contamination.

THE SOLUTION

The **ElectroClave** provides a simple all-in-one solution for UV-C disinfection and device management, with 'smart' technologies that simplify and reduce otherwise manual processes. Our proprietary, patented designed UV-C disinfection technology offers unmatched 360° disinfection, efficacy, speed, and safety with simultaneous multiple device capacity. The benefits of utilizing a germicidal ultraviolet light sanitizer for portable devices enables the destruction of pathogens including bacteria and viruses by deactivating DNA and disabling their ability to multiply.

The ElectroClave UV-C disinfection system has been tested, with data submitted to the EPA. The EPA's review confirmed that the ElectroClave is 99.9% effective against: Staphylococcus, E. coli, MRSA and CRE on non-porous hard surfaces.

SEAL SHIELD™