

Case Study

Ensuring NICU Mobile Devices are Pathogen-Free

June 2021

cleanslate 



A doctor with blonde hair and a stethoscope around her neck is standing and looking at a tablet held by a patient with dark hair. They are in a clinical setting, possibly a hospital room, with a counter and jars in the background. The image is dimly lit and has a dark overlay.

Who We Are

CleanSlate UV is a biosafety company creating the next generation of intelligent sanitization solutions.

Our Journey: Starting in the NICU

CleanSlate UV was founded in 2014 with a focus on neo-natal intensive care units.

Nurse and physician feedback clearly outlined the need for a simple, fast and effective device sanitizer that *everyone* could use.



The Problem

An average of **1 in 4 hospital devices** are contaminated with **pathogenic bacteria.**

We can help protect NICU babies from the germs on devices.



Catholic Health: The Problem

Devices belonging to staff and visitors were identified as a **major disinfection gap** that was undermining hand hygiene and increasing risk to patients.

This included cell phones, tablets, Vocera badges, ID badges and more.



From the Staff

“Every time we bring a patient into the NICU, we need to tell their parents not to use their phones. We don’t have any way to make sure the phones won’t become a vector for transmission.

And we usually have to tell the parents this several times.”

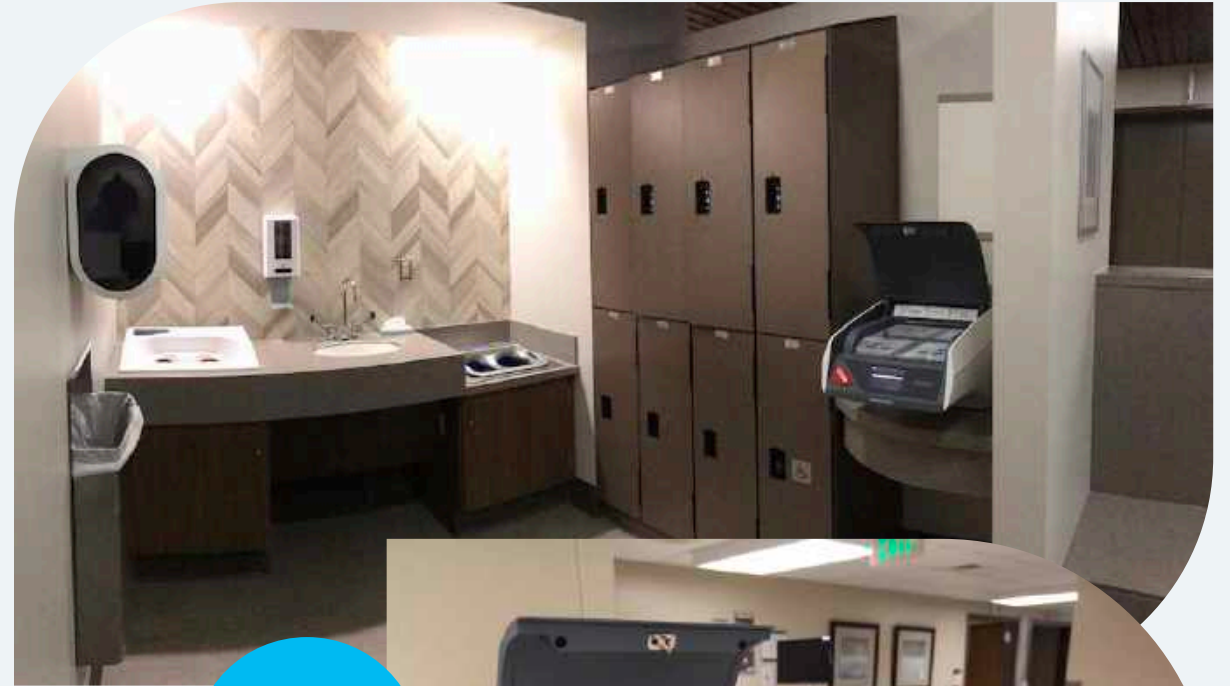
–Jean C., Catholic Health NICU



The Solution

Deployed two CleanSlate UV sanitizers to enable simple & fast disinfection of mobile devices with no training required.

Integrated with workflow and with **hand hygiene** by placing at visitor entrance and at nursing station for use throughout shifts.



Case Study: Catholic Health

Before CleanSlate

- 79% of all mobile devices tested positive for pathogenic bacteria.
- Under 10% of staff routinely disinfected devices.

After CleanSlate

- Immediate 100% reduction in presence of VRE, MRSA and other pathogens.
- Over 72% staff and visitor sanitization compliance rate over eight-week pilot.
- Deployment of CSUV sanitizers across multiple other hospitals in system.

Additional Impacts



Staff Time Savings

CleanSlate UV takes **66% less time** vs a chemical wipe process to properly disinfect.



Cost Savings vs. Chemical Wipes

Each UV light cycle is **50% the cost** of using a chemical wipe.



Fewer Wipes = Less Waste

By switching to UV light, the hospital is **preventing 166lbs of wipes/year** from going into landfill.

Impact In & Out of the NICU

**Designed for Hospitals.
Trusted Everywhere.**

2000+
Deployments

Zero
Damage to
Touchscreens

50%
Less Than The
Cost Of Wipes

720
Devices per
Hour Capacity

"The CleanSlate is getting a workout in our unit... it has truly become integrated into our patient safety protocols. The families and staff LOVE it."

– **Stephanie P**, NICU Manager, UPMC Pinnacle

"The CleanSlate UV machine is being used all the time. We have so many people going in and out of our departments and this is the first time that they are actually stopping to sanitize their phones and do hand hygiene as well."

– **Celeste B**, Alexander Center for Neonatology, Orlando Health

Proven Results

CleanSlate UV is the **most effective and proven** sanitizer available today. Efficacy has been proven via 3rd party labs, peer-reviewed studies, and client-led case studies.

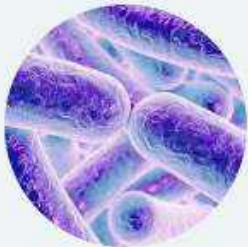
Minimum Efficacy @ 20 Secs



Salmonella
>99.9991%



MRSA
>99.9998%



C. diff
99.97%



E. coli
>99.9990%



SARS-CoV-2
99.995%



VRE
>99.9992%



P. aeruginosa
>99.995%

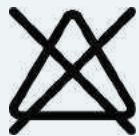
Empowering NICU Staff & Visitors to Sanitize Devices



Fast and simple.
3+ phones per cycle.



Proven to inactivate up
to 99.9998% of
bacteria & viruses.



No chemicals and no
damage to sensitive
touchscreens.



Touch-free device
removal that enables
proper hand hygiene.





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information or discuss a free
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