

RENOWN USING ELECTROSTATIC TECHNOLOGY TO HELP KEEP PATIENTS, EMPLOYEES & COMMUNITY SAFE FROM SUPERBUGS

Renown Health adds an electrostatic cleaning system to its list of innovative technology used to sanitize hospital rooms and equipment.



RENO, Nev. (May 5, 2020) – During a time when many people might worry about seeking emergency care in fear of coming into contact with COVID-19, Renown Health is committed to the health and safety of everyone who enters our doors. As an added layer of protection for patients and staff, Renown is using a new electrostatic cleaning system to clean its emergency room. The same technology is also being used to sanitize Renown’s deployable medical facility outside its emergency room, employee dressing rooms and break areas, X-ray machines and more. The system kills 19 organisms in just two minutes including cold and flu viruses, MRSA and norovirus.

“At Renown Health, we want our community to know that we are committed to providing a sanitary and safe environment,” said Renown’s manager of environmental services, Michael Yaranon. “Our electrostatic cleaning system is being used daily to help ensure our facilities are ready to safely care for our patients, as well as provide a clean environment for our caregivers who work in them. Since the beginning of this pandemic, we have continuously looked for new ways to expand our cleaning efforts, and the electrostatic cleaning system has served our facilities and hospital equipment well.”

In use at Renown since March of this year, the cleaning system uses a disinfecting solution included on the [EPA’s list of registered antimicrobial products for use against novel coronavirus SARS-CoV-2](#), which is the cause of COVID-19. As an added safety precaution, the electrostatic technology helps the solution thoroughly clean and sanitize both hard and soft surfaces. This special cleaning technology is now being used in hospitals, commercial planes and hotels around the world to eliminate the spread of potentially dangerous pathogens.

The handheld cleaning system is operated by a Renown employee. Once turned on, the machine uses an air compressor – with a force stronger than gravity – to dispel the disinfectant solution. Inside the device, an electrode introduces an attractive charge and atomizes the solution. Once the solution is propelled, the charged particles are instantly attracted to the surface being cleaned. The solution then reaches and wraps around the entire surface to uniformly coat and disinfect.

“Between our electrostatic cleaning system, germ-zapping robots, and diligent team of employees all operating around the clock to clean and disinfect, we truly are fighting the good fight against germs at



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Renown Health,” said Yaranon. “Please do not put off coming to Renown for emergency care if you need it – our facilities and equipment are extremely safe and ready to serve you.”

For an in-person or virtual demo of Renown’s electrostatic cleaning system, please send an email to news@renown.org to coordinate a time.

For up-to-date information on Renown’s approach to keeping our community safe, visit our website at <https://www.renown.org/covid-19/>.

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About Renown Health

Renown Health is a locally governed and locally owned, not-for-profit integrated healthcare network serving northern Nevada, Lake Tahoe and northeast California. Renown is one of the region’s largest private employers with a workforce of more than 7,000. It comprises three acute care hospitals, a rehabilitation hospital, the area’s most comprehensive medical group and urgent care network, and the region’s largest and only locally owned not-for-profit insurance company, Hometown Health. Renown has a long tradition and commitment to continually improve the care and the health of our community. For more information, visit renown.org.