

# UC Davis Chooses Tersano SAO™ for Toxic-Free Cleaning and Sanitizing

In 2018, the **UC Davis Medical Center (UCDMC)** in Sacramento, CA received the *Partner for Change* award from Practice Greenhealth, the nation's leading organization for environmental safety in healthcare. The award reflects UCDMC's commitment to reducing the impact the organization has on the environment.

To continue meeting this commitment, the UCDMC environmental services team introduced the Tersano Stabilized Aqueous Ozone (SAO) system for cleaning, sanitizing, and deodorizing. SAO is a simple, safe, and sustainable way for UCDMC to lower its environmental impact even further.

## OVERVIEW

The Tersano SAO system:

- ▶ Is the industry's leading onsite generation system eliminating the purchasing, transporting, distributing, and stocking of cleaning products.
- ▶ Reduces use of chemicals by up to 90%.
- ▶ Decreases labor costs by increasing productivity through an all-in-one solution.
- ▶ Protects virtually all surfaces.
- ▶ Carries SDS of 0-0-0 meaning UCDMC staff are at zero risk from harmful chemicals.



### Opportunity

One of the most prestigious healthcare facilities in the United States, the UC Davis Medical Center is northern California's only Level 1 Trauma Center, serving 33 counties and six million residents.

The medical center actively works to reduce overall environmental impact through sustainable products, recycling programs, and other system-wide green initiatives. The environmental services group cleans 24/7 with a staff of 270.

### Impact

- ▶ UCDMC has been able to eliminate three products: a floor cleaner, glass cleaner, and stainless cleaner.
- ▶ Benefits include labour savings, financial savings, increased safety and a greater ability to meet corporate sustainability goals.
- ▶ All-in-one solution has created program and process simplicity.
- ▶ SAO reverts back to water and oxygen and can be disposed down the drain without negatively impacting waterways.

### Action

In January of 2018, the environmental services team was encouraged to explore safer, more sustainable maintenance methods to align with UCDMC corporate stewardship objectives. After researching alternatives, Sammarcelli discovered that a sister healthcare facility in Florida was using SAO and finding success – particularly on the maintenance of floors.

Sammarcelli's team began a trial in February of 2018 and by April had initiated a roll-out with a complete conversion by June. Says Sammarcelli, "This product is definitely safer for our staff to use – with minimal risks. We conducted an ozone exposure study to reassure staff that SAO was safe and the tests confirmed: no risks. Our housekeepers now use SAO to clean in patient care and public areas. It's working great."



*90% of our hospital is cleaned chemical-free with SAO. We use it almost everywhere except in operating rooms and burn units.*

Kelley Sammarcelli  
Director of Hospital  
Environmental Services



All-In-One Solution



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