

## Lotus-Pro Testimonial Redland Hospital, QLD

Operational Services has been using the Tersano system for the past year. We have saved not only in dollars but also environmentally. Pictured is Erica Wheeler, one of the Operational Supervisors who at first was very sceptical about using a water system for cleaning in a hospital. However she researched and used the product herself and is now



most vocal in encouraging our staff to use this product for their everyday cleaning.

We also had a cleaner who suffered for years with allergies and sinus problems. She too found the product amazing, not just for her health but how well the product cleaned.

The instability of Ozone makes it a very powerful oxidant because when it decays back into  $O_2$  it releases a single oxygen atom  $O_1$  from each of the  $O_3$  molecules.

As Oxygen cannot exist as  $O_1$ , these loose oxygen atoms must instantly bond with any other molecule that will accept it. These other molecules can be in the form of bacteria or viruses (resulting in their destruction), or odours and dirt (resulting in their elimination). Healthy cells are left unaffected because of a

protective enzyme coating.

After their work is done, the two loose oxygen atoms revert back to their original state  $O_2$ , leaving nothing behind but water and oxygen.

### INSIDE THE LOTUS PRO

#### HIGH CAPACITY WALL MOUNT UNIT

- 1 Cold tap water enters the Lotus® PRO Stabilization Module.
- 2 The Lotus® PRO Stabilization Module mixes with the cold tap water stream, expanding the useful time up to 24 hours\*.
- 3 Treated water leaves the Lotus® PRO Stabilization Module.
- 4 Water passes through the FloJet connector, which prevents back flow with air lock, then enters the Lotus® PRO High Capacity Unit.
- 5 Oxygen enters the dispenser through the replaceable filter cartridge.
- 6 4,500 volts of electricity transforms  $O_2$  to  $O_3$ .
- 7 Ozone gas that is not saturated in the water is separated and safely dispensed as oxygen.
- 8 Stabilized Aqueous Ozone leaves the dispenser to fill mop buckets, trigger sprayers, auto scrubbers.



- Requires minimal safety training – converts back into water and oxygen when done.
- Quickly kills odours, stains, viruses and bacteria including E. Coli, Salmonella, MRSA, C-Difficile, and hundreds of other common germs 3000 times faster and much stronger than bleach and chlorine – based cleaners.
- 100% chemical free – no toxins, carcinogens or chemical residue. The product can be used on any surface from toilets bowls to bedspread it can also clean all pesticides from fruit and vegetables.

Since February 2015 we have purchased 13 stabilisers to use in the three Lotus-Pro machines we now have throughout the campus. This means we have saved 78,000 litres of ready to use cleaning chemicals from entering the environment and also tens of thousands of plastic containers.

We are excited to have successfully implemented the use of the Ozone water and now have many cleaners preferring to use this over any remaining chemicals we still use, as the benefits are great.

***We have witnessed it remove stains previously impossible to get rid of, we can use it in any and all scrubbing/shampooing machines without any concern. We have seen firsthand that it not only removes mould but also kills the spores. It's nontoxic, easy to use, and extremely cost effective, leaves no chemical residue and most importantly kills all known food and human pathogens.***

*Manager – Operational Support Services, Redland Hospital QLD*

**For further information**

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## **Lotus-Pro Testimonial Hughes Primary School, ACT**

We have two children with complex food, chemical and environmental sensitivities and allergies. Our children's chemical reactions include rashes, nose bleeds and behavioural changes. It can be a build-up of things or it can be one contact reaction, so it's sometimes difficult to know what has caused their reactions.

Halfway through 2015, we moved schools due to a number of reasons. While it wasn't the main reason, one of the reasons was because we continually struggled with supposedly 'chemical free' classrooms and chemical free protocols that were agreed to but not always adhered to at many schools.

At our new school, the Principal asked us what the school could do beyond the classroom to help with their chemical sensitivities. We actually weren't sure because we had never been asked that by any other school, principal or teacher, but we were very grateful. The Deputy Principal came up with a few ideas but none of them were really viable. It was through our own research that we found Nora and Tersano. The next step was to get it paid for by the school or the through the Department of Education, which we were concerned about because we believed it would be a long and complex approval process.

Fortunately, a unit was donated to our school by a lovely person who cared enough to help. After the Tersano information was given to the Principal and permission was granted for its use, the Tersano unit was installed at the school. Nora trained the cleaning staff/Deputy Principal on its use and the school has been using it ever since. As far as cleaning chemicals go, it is a chemical free school.

***We have definitely noticed a decrease in our children's reactions, especially rashes, since the school introduced the Tersano chemical free cleaning system, and the school has adhered to the chemical free class protocols.***

*Parent – Hughes Primary School, ACT*

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