

## Infection Control

It was once believed that infection control was only for health care facilities. As a result of the current pandemic, it has become a part of our daily routine and will become the new normal.

Germs and bacteria are a part of everyday life and are found in our air, soil, water, and in and on our bodies. Some germs and bacteria are helpful and others are harmful. Many germs and bacteria live in our bodies without causing harm and some even help us to stay healthy. Only a small portion of germs are known to cause infection.

### How Do Infections Occur?

An infection occurs when non-friendly germs and bacteria enter the body, increase in number, and cause a reaction to the body.

Three things are necessary for an infection to occur:

1. **Source:** Places where infectious agents (germs) live (e.g., sinks, surfaces, human skin)
2. **Susceptible Person** where germs and bacteria can enter the body
3. **Transmission:** a way germs are moved to the susceptible person

This is where we can assist. Clean Up Group with the help of our registered nurse, have conducted research and constructed the most efficient way of reducing Microbes and the risk on contamination.

We have a step-by-step process that ensures that our cleaning regime removes any surface biofilms to make the disinfection effective. We conduct post disinfection surface testing to ensure that our cleaning process and can provide a guarantee of cleanliness.

“Microorganisms may be protected from disinfectants by production of thick masses of cells and extracellular materials, or biofilms. Biofilms are microbial communities that are tightly attached to surfaces and cannot be easily removed. Once these masses form, microbes within them can be resistant to disinfectants by multiple mechanisms, including physical characteristics of older biofilms, genotypic variation of the bacteria, microbial production of neutralizing enzymes, and physiologic gradients within the biofilm (e.g., pH). Bacteria within biofilms are up to 1,000 times more resistant to antimicrobials than are the same bacteria in suspension. Although new decontamination methods are being investigated for removing biofilms, chlorine and monochloramines can effectively inactivate biofilm bacteria “<https://www.cdc.gov/infectioncontrol/guidelines/disinfection/efficacy.html>”

## **Disinfection services**

At Clean up group our infection control team carry out specialist disinfection services to help with infection control and prevention, on your premises. Our service is designed to help maintain a high level of hygiene, therefore protecting you and your stakeholders against microbial infection.

A surface can look clean but may be full of microbiological pathogens. High level of pathogens can contribute to the continued spread of illness. Clean Up Group cleanliness check uses ATP swabbing to visualise the microbiological landscape of your premises. This allows for strategic cleaning, which could save you both time and money and the health and wellbeing of staff and visitors.

The current pandemic and lockdown and restrictions have brought home the consequences of poorly managed infection control, including shutting down the economy and restricting social interaction.

But most importantly it has a ripple effect on everyday Australians, causing severe financial and physical impact. Our consultants will create a comprehensive plan to test your workplace for potential areas for outbreaks and can visually show you where disinfection attention is required.

Our experts will then recommend the appropriate Cleaning program which will include a DEEP CLEAN, and Electrostatic Spraying with first grade hospital disinfectant.

## **We only use the best**

We use several top of the range and TGA certified Disinfectant. Our technician will advise you on the appropriate solution for your circumstances. We ensure that our disinfectant is safe around Humans and pets. Our solutions, not only renders the pathogens inactivate, but it also creates a barrier on the surface that continues to work even when it is dry. The product will continue to be effective for 24 hrs on high traffic surfaces and up to 30 days on low traffic surfaces. It is TGA registered and listed on the ARTG as effective for Corona Virus.



## **Why electrostatic Sprayer**

One high-tech solution to disinfecting between visits is the electrostatic disinfectant sprayer, an eco-solution, which is four times faster than conventional spraying systems.

- This method is ideal in **offices, classrooms, washrooms, hospitality seating areas** and other premises with multiple high risk touchpoints and objects such as tables, chairs and shared surfaces, as the disinfectant wraps around these to successfully treat even hard to reach areas.
- Using the electrostatic sprayers will enable a quick and effective chemical application. As fully charged droplets hit the surface, they create an even spread. Particles hold their cationic charge for approx. 2-3 seconds – preventing drips. This allows the solution to cover hidden and shadowed areas and enables you to cover a large area in a small amount of time. These sprayers have been designed to meet dwell times for solutions so they can work to their full capabilities.
- In most cases, a spray-and-wipe technique can move bacteria from one surface to another. Cross contamination can be considerably reduced due to the touchless effect of the Victory Sprayer.
- And from a health and safety point of view, it is also beneficial as there are no cables strewn across the room: the system relies on rechargeable batteries and is therefore cordless.

### **Why choose us**

We have a Corona virus control and containment service.

- Clean Up group deliver fast and professional service.
- Our technicians have been trained to the GBAC level.
- Full PPE provided
- Specialist Disinfection equipment.
- Our disinfectant kills up to **99.9999%** of a broad range of pathogens within seconds of contact and has been tested against feline Coronavirus, a surrogate for Coronavirus. Our service utilizes specially formulated micro emulsion technology that applies an active barrier which can persist and kill for hours afterward.
- We Deep Clean your site prior to disinfection
- 24/7 service
- ATP report of pre and post cleaning.
- We follow Work safe and DHHS recommendations