

## Focus on Healthcare

*The purpose of this document is to address mitigation of pathogens in healthcare settings. Included are hospitals, medical offices, minor emergency centers, and dental offices. Please reference the paper “Focus On Mitigation of Germs on Surfaces and Hands” for a discussion of My-Shield® Nano Bond Polymer technology”.*

## Healthcare

Healthcare settings carry the greatest risks of exposure to pathogens. Over the past 2 years, this has been clearly demonstrated with the COVID-19 pandemic. The purpose of this paper is to address risk mitigation on surfaces, touch points, and hands.

## Risk Factors for Employees

- Direct Care of infected patients
- Direct Care of COVID-19 patients
- Frequent exposure
- Super-bugs
- COVID vaccine declining anti-body titers
- Questionable vaccine protection against new COVID variants
- Touch points
- Other healthcare workers
- Visitors
- Employee compliance failures with infection control protocols
- Contaminated beds, linens, and scrubs
- Failure of chemical disinfectants to provide continued antimicrobial protection minutes after drying and improper application
- Failure of alcohol hand sanitizers to provide continued protection minutes after drying
- Exposure to sharp instruments
- Exposure to blood

## Patients

Patients in any healthcare setting also face many of the same exposures faced by healthcare workers, especially in hospital settings. The most feared risk is hospital acquired infections, especially the super-bugs MRSA and C-Diff. Health Care infection control protocols for surfaces, touch points, and hands, never achieve 100%. Furthermore, conventional chemicals that provide strong bactericidal/viricidal kill rates provide no lasting protection after drying. This fact is especially important regarding alcohol hand sanitizers.

### **My-Shield® Surface Disinfectants and Hand Sanitizers**

My-Shield® water based Broad Spectrum and Hospital Disinfectants achieve kill rates equivalent to medical grade disinfectants with immediate antimicrobial action while wet, and continued protection while dry. The same water-based technology benefits apply to My-Shield® Hand Sanitizers. My-Shield® Broad Spectrum and Hospital Disinfectant, are EPA approved N listed bactericidal/viricidal formulations. All My-Shield® hand sanitizer and skin products are FDA registered.

Please reference kill rates and persistence claims on Table 1 of the *“Focus on Mitigation of Germs on Surfaces and Hands”*.

With risk factors facing employees and patients listed, traditional chemical agents cannot offer the bactericidal/viricidal persistent protection against bacteria and viruses afforded by My-Shield® products. This applies to porous/non-porous surfaces, and hands.

***My-Shield® with Zetrisil® nano bond polymer coatings, is the technology breakthrough needed for long lasting disinfection.***

### **Recommended Products for Healthcare**

- My-Shield® Broad Spectrum Disinfectant
- My-Shield® Hospital Disinfectant
- My-Shield® Hand Sanitizer
- My-Shield® Laundry Complete
- My-Shield® Topical Antiseptic