No one should get sick while trying to get well. Yet, nearly 100,000 people will die this year from healthcare-acquired infections (HAIs). That’s twice the number of people who die each year in car crashes. Infection rates continue to grow at alarming rates.

What are healthcare-acquired infections?
Healthcare-associated infections (HAIs) are infections that patients develop during the course of receiving healthcare treatment for other conditions. And despite increased global attention to decrease HAIs, disinfectant protocols in the healthcare industry remain unchanged. E-Mist helps organizations reduce HAIs, improve patient outcomes and reduce costs. Most important, E-Mist helps save lives.

Is there a difference between cleaning and disinfecting?
Cleaning is not disinfecting. In fact, studies have shown that less than 50% of environmental surfaces in patient care rooms are properly cleaned and disinfected. Evidence strongly suggests that cross contamination of microorganisms from environmental surfaces is directly related to patient infections. High-touch surfaces such as bed rails, bed surfaces, tables, fluid poles, doorknobs, and supply carts have all been identified as having the greatest potential for transmission of pathogens. Current cleaning/disinfecting methods and procedures are ineffective and expensive.

Are current disinfection methods effective?
Those involved in the prevention and control of preventable infections require a balanced approach of cost and quality to improve outcomes. Existing healthcare disinfection methods including wipes, spray and wipe, fogging, and UV lighting are ineffective or expensive. As environmental surface contamination and healthcare-acquired infections have become more defined, the E-Mist electrostatic disinfection application system presents an effective, approved, and cost effective alternative to health care facility disinfection procedures.

What is electrostatic technology?
Electrostatics has been around and used for decades in the automotive, agriculture, inkjet and photocopier industries. Electrostatics is easily understood: opposite charges attract and like charges repel. Two positively charged things (+ and +) will repel each other. Two negatively charged things (− and −) will repel each other. Using this natural electrostatic phenomenon, E-Mist developed and patented a breakthrough disinfectant application technology and system. The E-Mist Electrostatic Systems place a positive (+) charge on the liquid droplets as they leave the spray nozzle. The dispersed droplets spread out more evenly and seek out a negative (−) or neutrally charged surface. The end result is that the disinfectant is more targeted, provides more uniform coverage with less waste, and like a magnet, attracted to a surface with remarkable force.

About E-Mist Innovations
E-Mist is dedicated to infection prevention and control. Our patented Electrostatic Systems and Touch Point Healthy Process delivers a better, easier, and more cost effective solution. We help break the chain of infection.

For More Information:
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