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Health Related Studies

As the healthcare industry evolves and changes, needs for the patient and staff change as well. In America today, there are approximately two hundred eighty million people with 6,600 hospitals and one million beds nationwide to serve them. One of the main concerns of hospitals today is how to control or reduce risks of cross-contamination from infectious diseases, hidden bacteria, and possible chemical or biological infiltrations.

Well organized efforts have provided good results over the years with traditional methods of cleaning, disinfecting, component replacements and well established procedures for quality control. Currently, the concerns of a major outbreak of hazardous infectious contaminants could result in major casualties nationwide. It is no surprise that one of the CDC's present challenges is reducing targeted antimicrobial resistant bacterial infections by preventing transmission in healthcare settings.

In the quest to reduce cross-contamination, many studies have been performed to determine how transmissions are occurring. One such study performed on common household surfaces was released by Dr. Patricia Rusin, Dr. Charles Gerba, and Sheri Maxwell at the University of Arizona, Tucson, AZ and published by the **American Society For Microbiology**. For more details on the study performed and released please reference web site

<http://www.sciencedaily.com/releases/2000/05/000525072756.htm>

Currently, there is a study being performed under the direction of John Young, M.D., in private practice and affiliated with Texas Tech University Health Science Center, utilizing the CTD SHIELD. The results should be published and released later this year.