

# Associate Members

*Christus Hospital and HHS*

## UPGRADE CLEANING & DISINFECTION

Protocols with State-of-The-Art  
Technology Effective Against  
Coronavirus



**IT ALL STARTED OUT, LIKE MOST CHANGES DO,** with a problem that needed to be solved. The team at **Christus Trinity Mother Francis Health System** in Tyler, Texas was tired of the residues left behind by the bleach wipes they were using for disinfection and they were on a mission to find a solution.

At the time, the hospital's contracted EVS company, HHS, was using Virex 256 for general disinfection. They also used Clorox Bleach Germicidal in instances where C-diff was a concern. They were introduced to R-Water, a San Marcos, Texas-based company that claimed to offer a residue-free disinfectant with a one-minute contact time.

**“Because TK60 has a one-minute contact time, we have confidence that our staff is allowing sufficient time for TK60 to do its job.”**

**Toni Polk, Infection Preventionist**  
*Christus Trinity Mother Francis*



Timing Results	REGULAR DISCHARGE CLEANING PROCEDURE		C. DIFF DISCHARGE CLEANING PROCEDURE	
	Using TK60	Using Virex 256	Using TK60	Using Germicidal Bleach & Virex 256
Average Room Turn Time	28 minutes	65 minutes	37 minutes	86 minutes

NOTE: C. diff discharge cleaning procedures include the disinfection of walls. Regular discharge cleaning procedures do not include disinfection of walls.

Initially, the team was skeptical, thinking R-Water's disinfecting and cleaning technology was too good to be true. However, after a product demonstration, everyone was impressed, and in late 2018 R-Water's technology was implemented.

After initial success in the hospital's operating rooms, Christus leadership was curious to explore the impact using a one-minute contact time disinfectant would have on patient room turn times. They worked with their HHS EVS Team Members and R-Water to conduct a controlled evaluation, comparing the previous cleaning and disinfecting processes to the new standard. The results were clear and astounding.

### ROOM EVALUATION RESULTS

- Because Virex 256 dries after approximately three to five minutes, multiple applications were needed to ensure compliance with its 10-minute contact time.
- Using TK60 during Regular Discharge Cleaning resulted in an average 37-minute decrease in patient room turn time.

- Using TK60 during C. diff Discharge Cleaning resulted in an average 49-minute decrease in patient room turn time.

TK60 One-Step Disinfectant and its counterpart, FC+ All-Purpose Cleaner, are conveniently produced on-site using R-Water's compact, wall-mounted device.

While TK60 kills pathogens, including MRSA, C. diff spores, TB, and Black Mold with lightning speed, FC+ powers through stains, dirt, grease, and grime.

These highly effective solutions replace most of the cleaning and disinfecting products used in healthcare, including disinfectants, wipes, sanitizers, window cleaners, all-purpose cleaners, floor cleaners, grout cleaners, and carpet cleaners. Both solutions have superior safety ratings and are non-irritating to skin and lungs.

In healthcare, every minute counts. If you'd like to learn more about how R-Water's state-of-the-art technology can save you time and money while improving outcomes, please visit [www.r-water.com](http://www.r-water.com) or contact them at 512.808.4100 or [info@r-water.com](mailto:info@r-water.com). ■