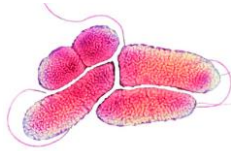


Origins: **QUICK**foam-5

Issue: **Stenotrophomonas maltophilia in biofilm**

Organism: steh·now·trow·fuh·**mow**·nuhz maal·tuh·fi·lee·uh: Gram-negative, aerobic, rod-shaped bacteria known for its strong biofilm-forming ability and highly antibiotic resistant. An opportunistic pathogen associated with hard-to-treat hospital-associated infections including pneumonia and bloodstream infections posing a significant challenge in healthcare settings.



Challenge: During a KLORESE product trial at a member hospital of a large IDN we learned that the CDC had been investigating the source of an ongoing multi-year Stenotrophomonas maltophilia (Steno) infection problem. The Steno reservoir was discovered – sink drains in the ICU and the trauma unit. We were asked, given that KLORESE is one of only 3 chemistries with EPA registered kill claims for bacteria in biofilm, if we had a solution. In short order, we assembled a prototype. A device with a 10-gallon reservoir that generated high density foam capable of completely filling drainpipes and evacuating P-traps of all fluid in a matter of seconds – the unit was shipped to the hospital. Drains were swabbed, plated (Rodac), and cultured, before and after foaming with KLORESE.

Result: QUICKfoam-5 foaming with KLORESE eliminated the Steno, biofilm and all other organisms.

Product: Based on this successful outcome the QUICKfoam unit was further developed and downsized from 10 gallons to 5 with adjustable foam density. Accessories include sink and floor drain stoppers and spray nozzle for surfaces. QUICKfoam-5 is a mobile unit with wheels and a retractable handle for easy transport from room to room. Operates by rechargeable battery.

