

Time Kill Studies

Test Organisms:

Table of Anti-microbial Activity

Pathogenic Bacteria	Initial Microorganism Count/ML	Exposure time / % Kill		
		30 seconds	1 minute	5 minutes
Escherichia coli	10 ⁸	100%	100%	100%
Staphylococcus aureus	10 ⁸	100%	100%	100%
Methicillin Resistant Staphylococcus aureus(MRSA)	10 ⁸	100%	100%	100%
Vancomycin Resistant Enterococcus faecalis (VRE)	10 ⁸	100%	100%	100%
Pseudomonas aeruginosa	10 ⁸	100%	100%	100%
Proteus mirabilis	10 ⁸	99.998%	100%	100%
Serratia marcescens	10 ⁸	100%	100%	100%
Pathogenic Fungi				
Candida albicans	10 ⁸	99.1%	99.9%	100%
Aspergillus niger	10 ⁸	99.99%	99.9999%	100%

Extremely high concentrations of pathogenic micro-organisms were exposed to Anasept, over the course of precisely timed intervals in the presence of an interfering substance that simulates the organic load condition of the wound environment and is known to inhibit the action of anti-microbial agents.

