

# Single Pass Removal Rates

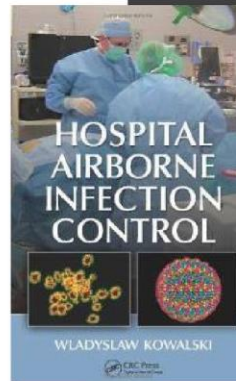
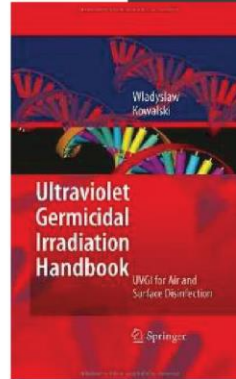
## HRMS Against HAI-Causing Pathogen Aerosols



“ It has become increasingly clear that airborne and surface-borne HAIs are inter-related and that air contamination contributes to surface contamination and vice-versa. Therefore

any disinfection system such as the HRMS that addresses both air and surface pathogens, will likely have the most effectiveness in reducing HAIs. The cost-effectiveness of the HRMS makes it one of the best, if not the best, choice today for hospitals that must deal with HAIs on limited budgets. ”

Kowalski, Wladyslaw J. Report on Performance of Health Risk Management System 2011



MICROBE	TYPE	RATE
Acinetobacter	Bacteria	100.0
Adenovirus	Virus	100.0
Aspergillus spores	Fungi	90.6
Blastomyces dermatitidis spores	Fungi	98.1
Bordetella pertussis	Bacteria	99.9
Clostridium difficile spores	Bacteria	100.0
Clostridium perfringens spores	Bacteria	100.0
Coronavirus (SARS)	Virus	100.0
Corynebacterium diphtheriae	Bacteria	100.0
Coxsackievirus	Virus	100.0
Cryptococcus neoformans spores	Fungi	98.1
Enterobacter cloacae	Bacteria	99.9
Enterococcus	Bacteria	100.0
Fusarium spores	Fungi	90.8
Haemophilus influenzae	Bacteria	100.0
Haemophilus parainfluenzae	Bacteria	99.8
Influenza A virus	Virus	100.0
Klebsiella pneumoniae	Bacteria	100.0
Legionella pneumophila	Bacteria	100.0
Measles virus	Virus	100.0
Mucor spores	Fungi	93.2
Mumps virus	Virus	100.0
Mycobacterium avium	Bacteria	100.0
Mycobacterium tuberculosis	Bacteria	100.0
Mycoplasma pneumoniae	Bacteria	100.0
Neisseria meningitidis	Bacteria	100.0
Nocardia asteroides	Bacteria	100.0
Norwalk virus	Virus	91.8
Parainfluenza virus	Virus	100.0
Paravovirus B19	Virus	100.0
Proteus mirabilis	Bacteria	100.0
Pseudomonas aeruginosa	Bacteria	100.0
Reovirus	Virus	94.9
RSV	Virus	100.0
Rhinovirus	Virus	95.2
Rhizopus spores	Fungi	90.9
Rotavirus	Virus	99.1
Rubella virus	Virus	57.0
Serratia marcescens	Bacteria	100.0
Staphylococcus aureus	Bacteria	100.0
Staphylococcus epidermis	Bacteria	100.0
Streptococcus pneumoniae	Bacteria	66.2
Streptococcus pyogenes	Bacteria	100.0
VZV	Virus	100.0

MERV 6 Filter + UV Dose, 198 J/m<sup>2</sup>