



ANTIMICROBIAL DISPOSABLE CURTAINS

A SIMPLE CHANGE MAKES A BIG DIFFERENCE!

Reduce • Improve • Enhance



MedPro DEFENSE **ELERS MEDICAL**

DISPOSABLE CURTAINS RIDEAUX JETABLES

Contains an EPA registered **ANTIMICROBIAL** agent that prevents **MICROORGANISMS** from degrading the product

Contient un agent **ANTIMICROBIEN** enregistré par l'EPA qui empêche les **MICROORGANISMES** de dégrader de ce produit

FR TESTED TO INTERNATIONAL STANDARDS NFPA 701, BS 5867; PART 2, TYPE C

01 | 01 | 2023

PLEASE ASK BEFORE ENTRY
VEUILLEZ DEMANDER AVANT D'ENTRER

Designed and Developed by /
Conçu et développé par
ELERS MEDICAL
PL 20,
FR00021 Helsinki,
Finland

Distributed by / Distribué par :
A.M.G. Medical Inc. 8505 Dalton, Montréal,
QC H4T 1V5 Canada • 1-800-363-2381
AMG Medical, Inc. (USA) 8396 State Route 9,
West Chazy, NY 12992 USA • 1-888-412-4992

Made and printed in China /
Fabriqué et imprimé en Chine

support@amgmedical.com 1-866-518-6099

A goal of infection control:

Whatever is there, GET RID OF IT!



Research demonstrates curtains are quickly contaminated, in some cases, within as little as 3 days of hanging, curtains showed increased microbial contamination.*

MPD Antimicrobial disposable curtains help reduce spread of germs. The constant antimicrobial activity of these curtains has been demonstrated against a wide range of bacteria.

Klebsiella pneumoniae (K. pneumoniae) • *Escherichia coli* (E. coli) • Carbapenem-resistant Enterobacteriaceae (CRE) • Vancomycin-resistant Enterococcus faecalis (VRE) • Methicillin-resistant Staphylococcus aureus bacteria (MRSA) • Staphylococcus aureus (Staph. aureus) • Clostridium (Clostridiodes) difficile (vegetative)

*Shek K. et. al. Rate of contamination of hospital privacy curtains in a burns/plastic ward: A longitudinal study. American Journal of Infection Control 2018.

Number of distinct morphotypes of bacteria isolated from imprints of health care workers' finger pads at baseline, after use of alcohol handrub, and after handling curtains, by species.

Species	Baseline	After hand hygiene	After handling curtains
<i>Bacillus</i> spp	35	34	37
<i>Micrococcus</i> spp			
<i>Micrococcus luteus</i>	18	8	9
<i>Staphylococcus</i> spp			
Coagulase negative	51	18	29
<i>Staphylococcus aureus</i>	7*	0	2*
<i>Streptococcus</i> spp			
<i>Streptococcus pneumoniae</i>	1	1	0
Other <i>Streptococcus</i> spp	7	0	0
Other gram-positive bacilli [†]	3	2	2
Gram-negative bacilli [‡]	6	3	2
Gram-negative cocci [§]	2	1	0
Total (n)	130	57	81

*One imprint with methicillin-resistant *S aureus* (baseline). The 2 postcurtain isolates of *S aureus* were from patients who also had *S aureus* on their hands at baseline. [†]*Bifidobacterium* spp (baseline). *Lisreria seeligeri* (baseline, after hand hygiene), *Microbacterium flavescens* (baseline), and *Paenibacillus* spp (after hand hygiene, after touching curtain). [‡]*Acinetobacter ursingii* (baseline), *Aeromonas sobria* (baseline), *Moraxella osloensis* (baseline, after hand hygiene, after touching curtain), and *Sphingomonas spiritivorum* (baseline, after hand hygiene). [§]*Neisseria subftava* (baseline, after hand hygiene).

Reduced cost, injuries and time for terminal clean

Outcomes of 6-month hospital trial

Hypothesis:

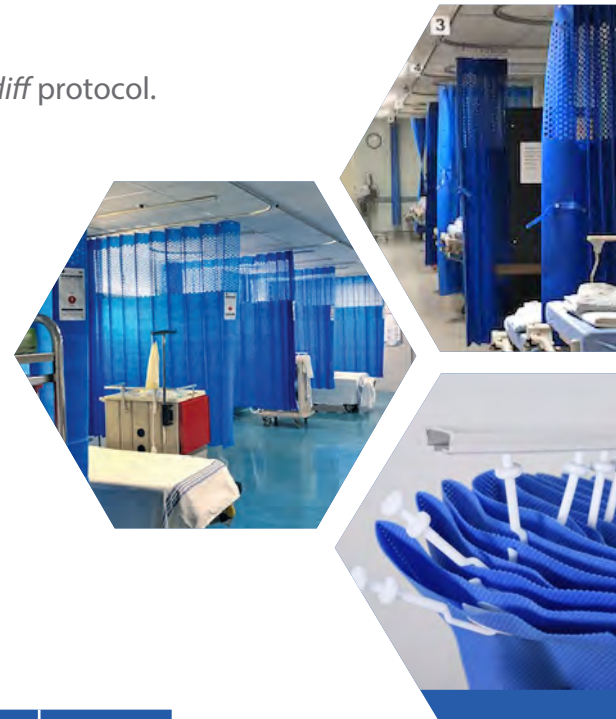
Leaving disposable antimicrobial curtains in place for 6 months would not increase hospital- acquired infection (HAI) rates.

Methods:

- 650+ bed acute care hospital in southern Ontario
- 80 curtains were installed in multi-patient rooms for 6 months
- Curtains changed if damaged, heavily soiled or for hospital *C. diff* protocol.
- Test period: *April 2018 to September 2018*
Reference period: September 2017 to March 2018

Results:

- 9 curtains were changed
- No negative impact on HAI rates
- Laundry costs were reduced
- Terminal cleans took less time
- Curtain-related work injuries were reduced



Quantitative results

1

Laundry costs

From Sept. 2017 to March 2018 Using regular curtains	From April 2018 to Sept. 2018 Using MPD Antimicrobial disposable curtains	Saving (\$)	Saving (%)
\$1,100 bi-weekly	\$800 bi-weekly	\$300	27%

Curtain-related workplace injuries

From Sept. 2017 to March 2018 Using regular curtains	From April 2018 to Sept. 2018 Using MPD Antimicrobial disposable curtains
5	1

2

3

Terminal cleaning time per patient bed (minutes)

From Sept. 2017 to March 2018 Using regular curtains	From April 2018 to Sept. 2018 Using MPD Antimicrobial disposable curtains	Saving (min)	Saving (%)
30	20	10	33%

Staff opinion

“Easier to manage”

Staff working in the trial zone were asked to complete a **Likert-type scale** with a **range from 1 to 6**.

1 indicated Poor/Worse than re-usable curtains in the hospital and **6 was Excellent/Improved**

	Frequency	
	1 to 3 rating	5 & 6 rating
	Negative	Very positive
Ease of management - overall	1	10
Installation	1	9
Laundry / disposal	0	11
Frequency of attention	0	11
Time spent	1	10
Perception - Overall	0	11

“Better patient environment”

Staff unanimously agreed that the implementation of these antimicrobial disposable curtains had a positive effect on the overall look and feel of the patient environment

	Frequency	
	1 to 3 rating	5 & 6 rating
	Negative	Very positive
More attractive	0	10
Consistent	0	11
Look fresh	0	11
Reassuring	0	11
Professional	0	11
Patients feel better	0	11





A positive impact

BEFORE



AFTER



- Potential cost savings
- Better infection control
- Fewer injuries
- Easier curtain management
- More professional and attractive surroundings
- Less chemicals released in the environment

To learn more, call or email your A.M.G. Medical representative or our customer service at **1-800-363-2381**. You can also email us at customer.service@amgmedical.com or visit us at www.medprodefense.com

