



Objectives

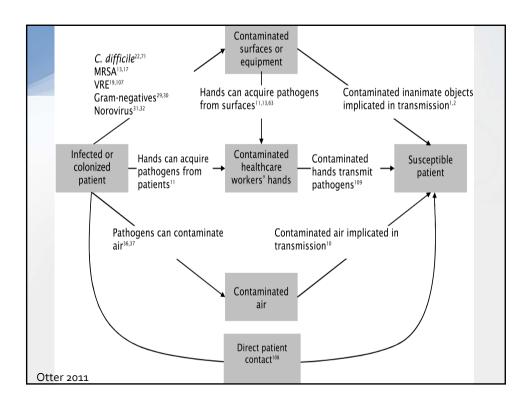
- Jim: Argue for the use of liquid disinfectants
- **Titus:** Argue against the use of liquid disinfectants
- Jim and Titus: Rebuttal
- You: Audience Questions (and cheers)

Divine Disinfectants

Jim Gauthier, MLT CIC Senior Clinical Advisor, Infection Prevention Diversey

The Environment

- Not thought to play a role for quite a few years
- Otter (2011)
 - Reviews evidence of pathogens and potential pathogens shed into environment
 - Notes that survival is days, weeks, months



What do the Experts Say?

- PHAC
 - Detergent disinfectants with a Drug Identification Number (DIN) that have microbiocidal (i.e., killing) activity against the pathogens most likely to contaminate the patient care environment should be used.

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- Good language on how to use, and select a disinfectant.
- Lots of choices
 - Daily Clean,
 - Routine Daily Clean,
 - Routine Discharge Clean,

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- Additional Precaution Daily Clean,
- Enhanced Daily Clean,
- Additional Precautions Discharge Clean,
- Additional Precautions Daily Clean with Sporicidal,
- Additional Precautions Discharge Clean with Sporicidal,
- Scheduled Clean

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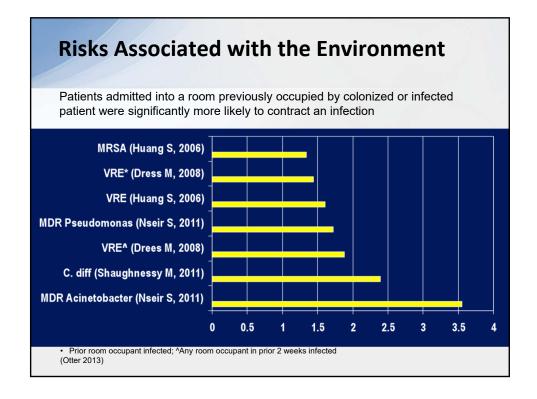
- Most of these are with a cleaner/disinfectant
- Also include a risk assessment and 'Situation/Area

PIDAC

 Hotel Clean is a measure of cleanliness based on visual appearance that includes dust and dirt removal, waste disposal and cleaning of windows and surfaces.

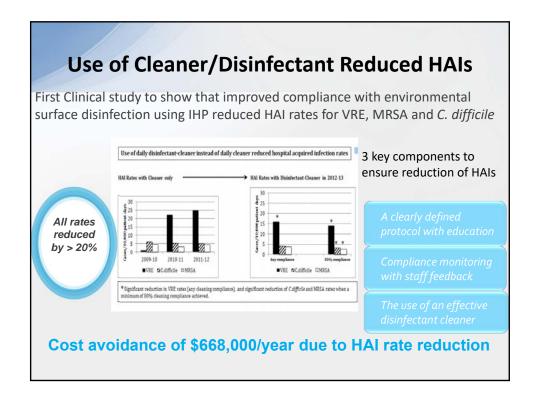
PIDAC

- Hospital Clean is a measure of cleanliness routinely maintained in care areas of the health care setting.
- Hospital Clean is Hotel Clean with the addition of disinfection, increased frequency of cleaning, auditing and other infection control measures in client/patient/resident care areas



Clean or Disinfect?

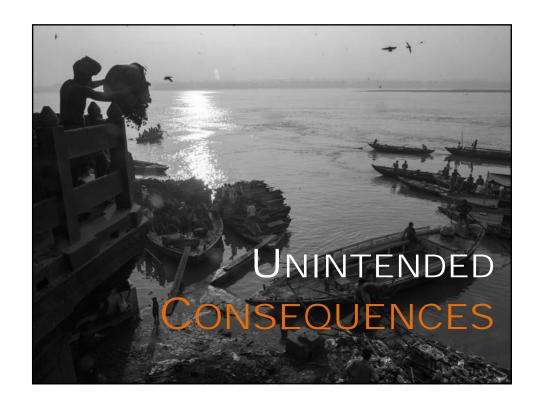
- Alfa (2015) compared a daily cleaner with a cleaner/disinfectant.
 - Cleaning compliance at ≥80%
 - Staff trained with clear protocols





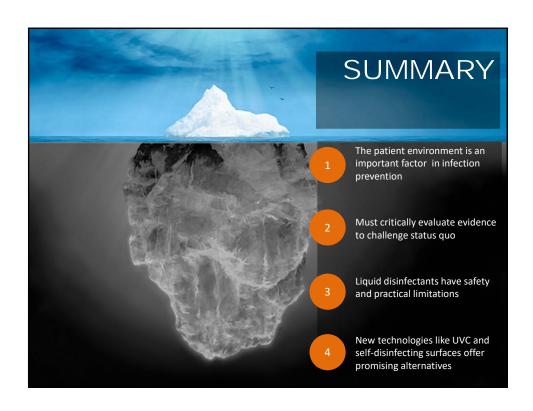






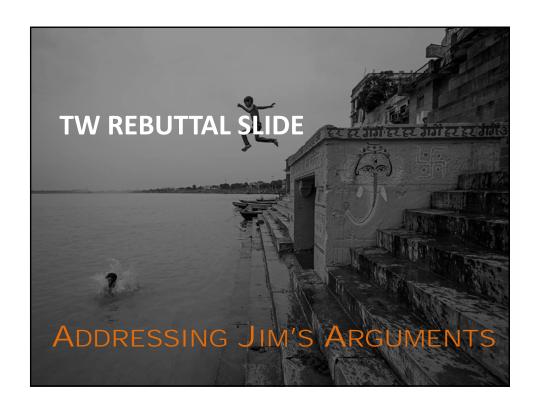






Jim Gauthier and Titus Wong Presentation at PICNet 2018 Conference

REBUTTAL SLIDE - JIM



References

- Alfa MJ, et al. Use of a daily disinfectant cleaner instead of a daily cleaner reduced hospital-acquired infection rates. AJIC 2015;43:141-6
- Dettenkofer M. Healthcare environment decontamination. Health Infect 2013;18:47-8
- Otter JA, et al. The Role Played by Contaminated Surfaces in the Transmission of Nosocomial Pathogens. ICHE 2011;32(7):687-99

References

 Otter JA, et al. Evidence that contaminated surfaces contribute to the transmission of hospital pathogens and an overview of strategies to address contaminated surfaces in hospital settings. AJIC 2013;41:S6-S11