

Ultra-V™ Disinfection Robot

This technology was funded through the New Technology Funding and Evaluation Program (NTFEP). The NTFEP funds the introduction and evaluation of new technologies that:

- ✓ Are safe and effective
- ✓ Provide better health outcomes
- ✓ Provide value for money
- ✓ Provide greater access to care.

The evaluation findings will inform recommendations regarding the future use and/or investment of the technology within Queensland.



What is the technology?

The Ultra -V disinfection robot utilises no-touch ultraviolet light decontamination, in conjunction with current hospital disinfection processes, to provide more reliable terminal cleaning of patient environments, reduce healthcare associated infections and improve environmental hygiene. The Ultra -V produces ultraviolet light radiation (UV-C, wavelength 100-280nm) which exerts broad-spectrum germicidal activity through the breakage of molecular bonds within bacterial and viral DNA, destroying microorganisms. Indications for use include enclosed and vacated spaces (e.g. single patient rooms, bathrooms, operating theatres, treatment rooms).

What are the expected benefits?



Improved environmental hygiene - reduction of multi-drug resistant organisms (MDROs) in the patient environment.



Reduced patient to patient transmission of and healthcare associated infections.



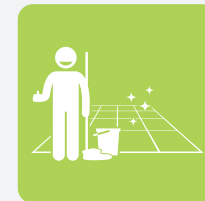
Reduction of patient length of stay due to MDROs – improved patient flow.



Reduced patient anxiety and dissatisfaction resulting from MDRO acquisition.



Reduction in the number of subsequent terminal cleans required due to MDROs.



Increased environmental staff satisfaction.

Where is the evaluation occurring?

Infection Management Services, Princess Alexandra Hospital (commencing 2017)

Want more information?

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