

HAIs • SSIs

throughout Public and Private Hospitals, VAs and ASCs

Problem:

How can a healthcare worker verify their UV disinfection system is performing?



American Ultraviolet[®]

Insightful Solutions. Remarkable Results. Since 1960.

Solution:

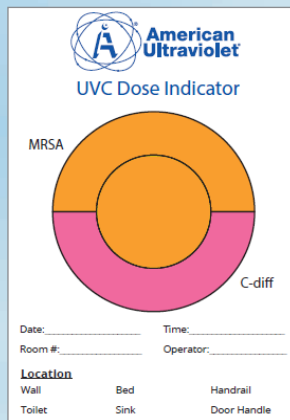
The UVC Dosimeter™ from American Ultraviolet

American Ultraviolet, in conjunction with Intellego Technologies AB in Sweden, is pleased to present an accurate, efficient, and affordable solution to verify UVC dosage levels when using ultraviolet devices for surface disinfection.

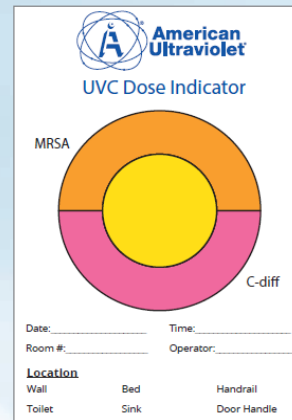
The UVC dosimeter™ is a safe and efficient tool that can be used to verify UVC exposure of a surface, or an instrument, in healthcare environments, including patient rooms* and surgical suites*; in laboratories; and also in food and beverage manufacturing and processing facilities. The technology consists of a photo-chromatic ink that is stimulated by certain UVC radiation (253.7 nanometers).

The UVC Dosimeter from American Ultraviolet:

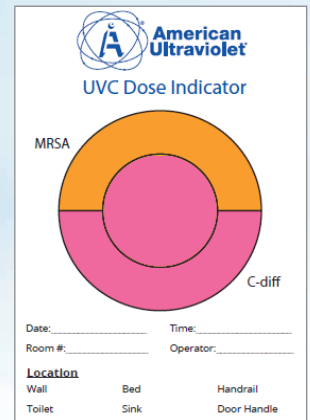
- Can increase the efficiency of UV disinfection processes by running shorter cycle times, and providing real-time results
- Changes color at various energy levels, which correlates with a log reduction of microbiology samples (e.g. MRSA and C. difficile).
- Measures specific wavelengths of UVC radiation
- Can be modified to change color at specific energy levels, depending upon the type of pathogen(s) of concern at your institution
- Is available in quantities of 10, 50, and 100
- Has been tested in laboratory and hospital environments in the United States, Sweden, and the United Kingdom.



Center of UVC Dosimeter changes to orange to show that a level of energy lethal to MRSA has been delivered



Center of UVC Dosimeter is yellow before dosage is delivered



Center of UVC Dosimeter changes to pink to show that a level of energy lethal to C.Diff has been delivered



* The UVC Dosimeter is the perfect compliment to Mobile UVC Systems, like the ARTZ 2.0, and the permanently installed OR Package, from American Ultraviolet.



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