

Ultraviolet Irradiation and Healthcare Surface Compatibility

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MYRIAD SURFACES IN HEALTHCARE





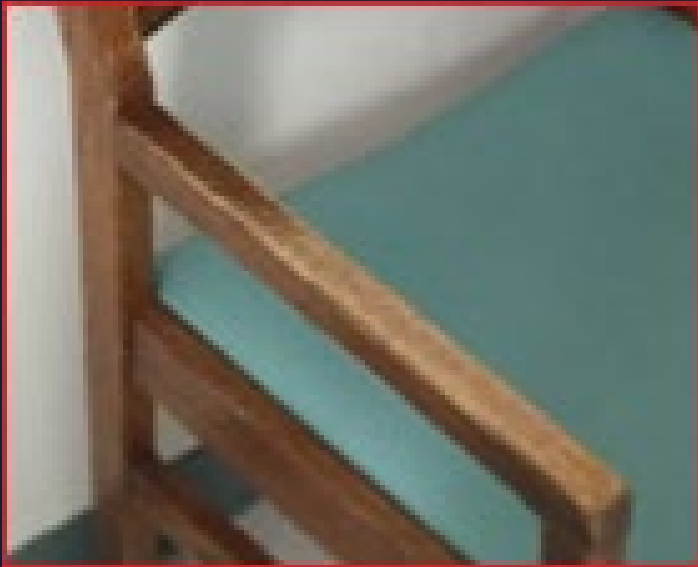
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HEALTHCARE SURFACE COMPATIBILITY

- **Liquid Disinfectants**
 - **Quat Silanes**
 - **Hydrogen Peroxide**
 - **Peracetic Acid**
 - **Bleach**
- **Ultraviolet Irradiation**

**HOW WELL DO
HEALTHCARE SURFACES
HOLD UP TO THIS
ONSLAUGHT?**

SURFACE DAMAGE





SURFACE DAMAGE



Great presentation by Peter Teska from Diversey!

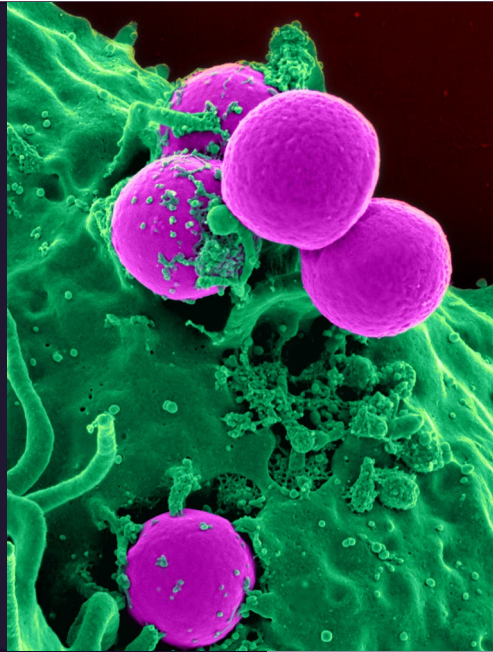
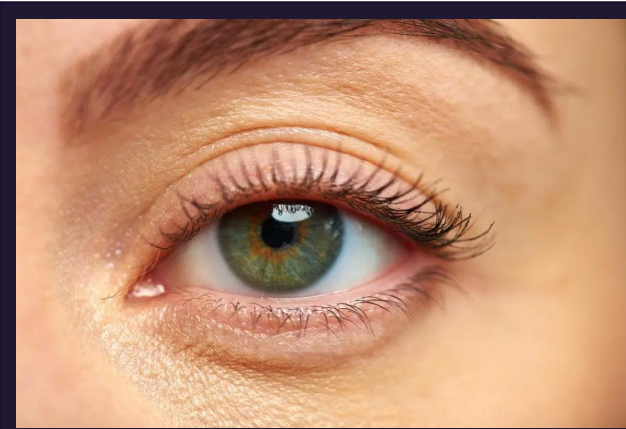
CURRENT TESTING STANDARDS

- **Very few international testing standards that address use of disinfectants and surface compatibility**
 - **Like zero.....**
- **AATCC TM16.3 Xenon Arc Test**
- **Numerous weathering test methods**
- **Several staining and colorfastness methods**



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TESTING STANDARDS





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Reduce preventable infections through collaboration of industry, academia, science, regulatory, and service sectors by interrupting the transmission of surface related pathogens in healthcare in support of community health.

HEALTHCARE SURFACES CERTIFICATION AND STANDARDS PROGRAM

- **Development of consistent test methods that includes compatibility testing of all categories of EPA registered disinfectants**

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- **Testing of products as assemblies**

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- **Evaluation of surfaces at a micro-level**

HEALTHCARE SURFACES CERTIFICATION AND STANDARDS PROGRAM

- **Evaluation of instructions-for-use (IFU's) to ensure they provide guidance and recommendations pertinent to active healthcare environments and that support infection prevention processes and protocols.**



JOIN Us!

Partnership Opportunities

- <https://www.healthcaresurfacesinstitute.org/become-a-partner>
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**HEALTHCARE
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**2020 ANNUAL
MEETING**

When: March 3-4, 2020

Where: UTHealth Cooley Center, Houston, TX

How to Register: Registration to open soon!

<https://www.healthcaresurfacesinstitute.org/annual-meeting>



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