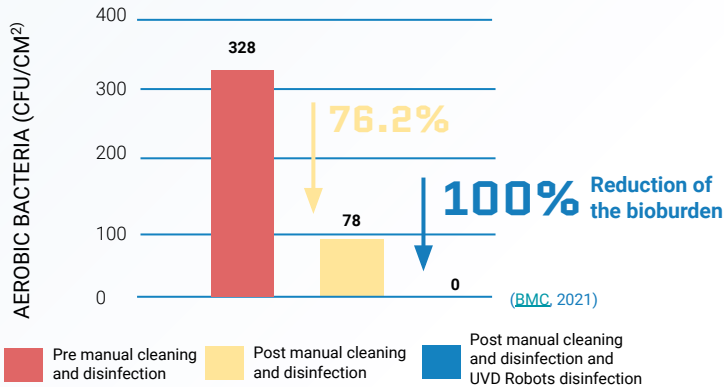


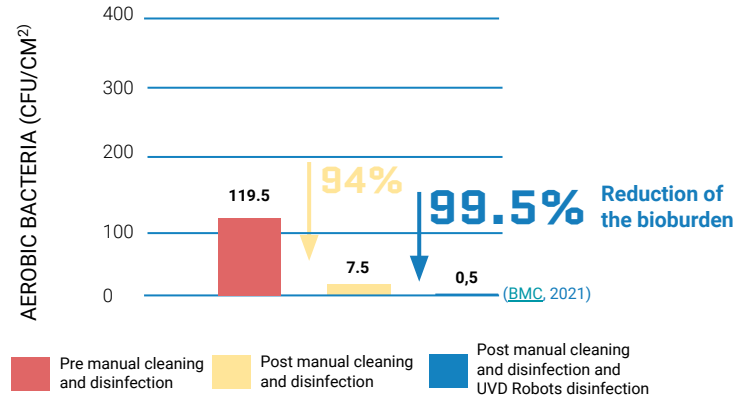
UVD Robots eliminates the bioburden by 99.5-100%

Study Summary - Two Outpatient Department (137m²) at Vienna General Hospital



8 sample locations

Reductions in Colony-Forming Units in the **oncology outpatient area** after routine cleaning and/or disinfection, and after the use of the UV-C robot.



6 sample locations

Reductions in Colony-Forming Units in the **ear, nose and throat outpatient area** after routine cleaning and/or disinfection, and after the use of the UV-C robot.

Healthcare pathogens identified in the two outpatient departments:

<i>Staphylococcus saprophyticus</i>	<i>Acinetobacter baumannii</i>	Streptococcus pneumoniae	Staphylococcus aureus
<i>Staphylococcus lugdunensis</i>	<i>Enterococcus casseliflavus</i>	Aerococcus viridans	<u>Source</u>

UVD Robots eliminates the bioburden with 100% in an operating room and orthopaedic department

Study from **Sisak (2021) General Hospital, Dr. Ivo Pedisic, Sisak, Croatia** ([UVD Robots, 2021](#))
As part of normal environmental monitoring

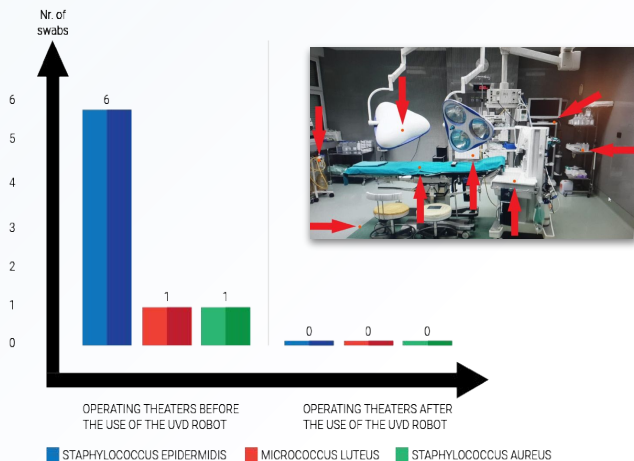


Chart 1: Operating Room Nr. 4

After manual cleaning and disinfection **8 positive swabs**

After manual cleaning and disinfection + UVD Robot disinfection **0 positive swabs**

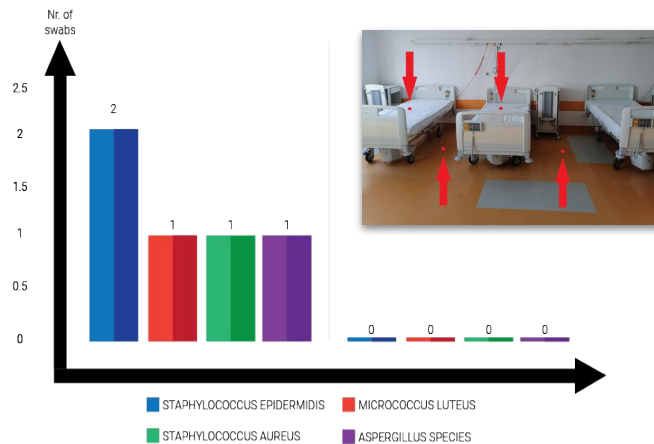


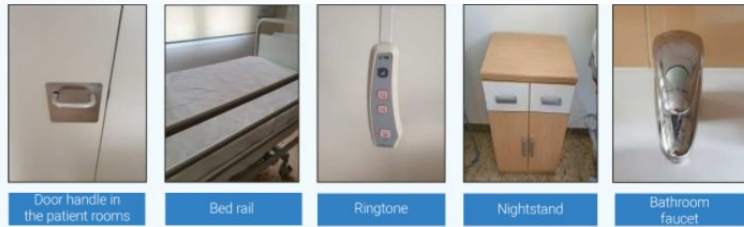
Chart 2: Orthopedic Department Room

After manual cleaning and disinfection **5 positive swabs**

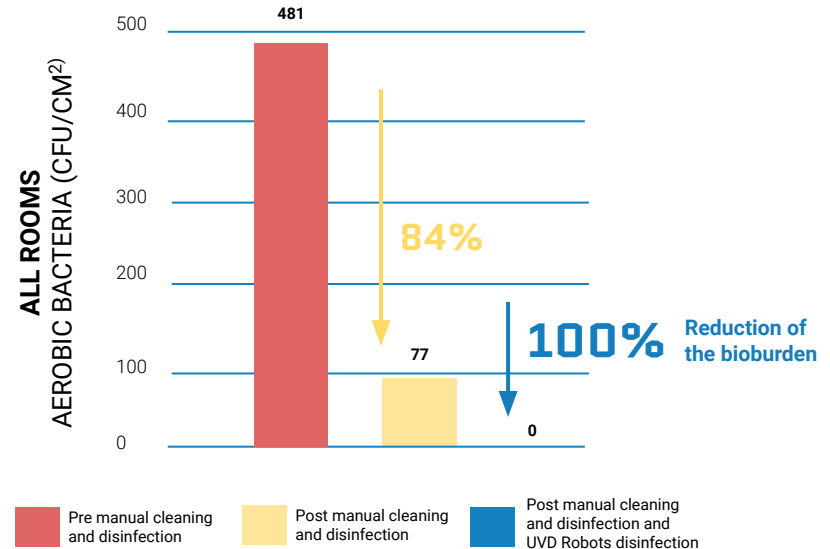
After manual cleaning and disinfection + UVD Robot disinfection **0 positive swabs**

The UVD Robot elevates the standard cleaning and disinfection (C&D) up to 100%

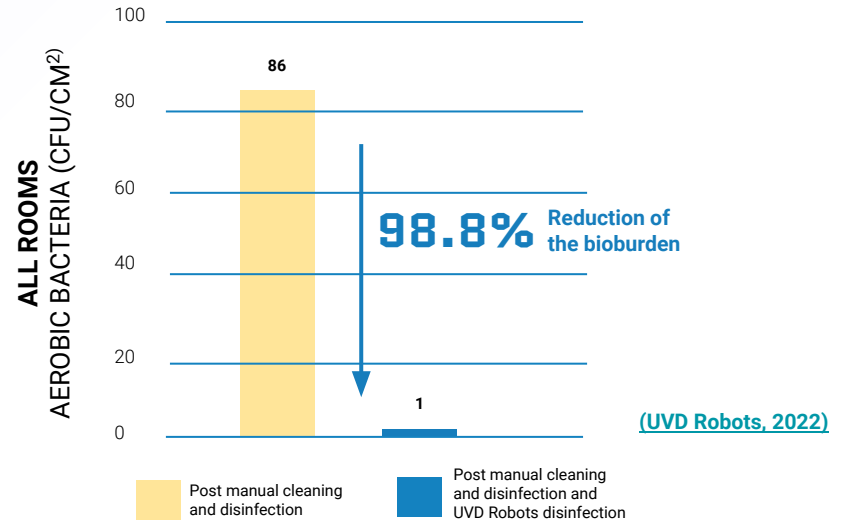
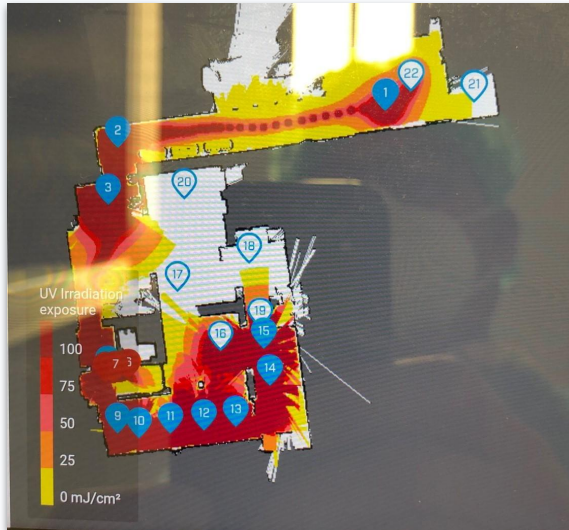
Zaragoza (2021) Hospital, San Juan De Dios, Spain ([UVD Robots, 2021](#))



Results: 4 patient rooms - 60 swaps - 15 per room



The UVD Robot eliminated 98.8% of the bioburden in Central sterile supply department (CSSD), 2022



Sample locations	After manual cleaning and disinfection Before UVD Robots Disinfection	Type	CFUs After UVD Robots Disinfection	Type
10	86	27 Staph.PCN 54 Bacillus sp. 5 Micrococcus sp.	1	Staph.PCN