

# WORLDWIDE CHALLENGE:

## Antibiotic-resistant bacterial infections in healthcare institutions



### Risk facing healthcare institutions:

- Resistant bacteria (MRSA)
- Worldwide, **1.2 million people** (potentially millions more) died from **antibiotic-resistant bacterial infections** in 2019\*



Studies undertaken at various European hospitals compared different cleaning regimes:

- **PRO:** Probiotic detergent (**SYNBIO Interior**)
- **DIS:** Disinfection
- **DET:** Conventional detergent

## RESULTS



### SYNBIO reduces antimicrobial resistance

of MRSA bacteria on hospital surfaces by up to **99.9%\*\***



### Traditional surface cleaning

(DIS & DET) effect only lasts **30 minutes\*\***



SYNBIO can help to reduce nosocomial infections by **55%\*\*\***



SYNBIO resulted in a **significantly improved microbial diversity** for optimal surface hygiene\*\*

SYNBIO is an **excellent alternative to traditional hospital hygiene\*\***

\* Antimicrobial Resistance Collaborators. 2022. The Lancet.

\*\* Klassert et al. 2022. Clinical Microbiology and Infection.

\*\*\* Caselli et al., 2016. PLOS.

HeiQ Chrissal's ground-breaking synbiotic cleaning technology is available as finished product or white label.

Contact us to learn more:

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