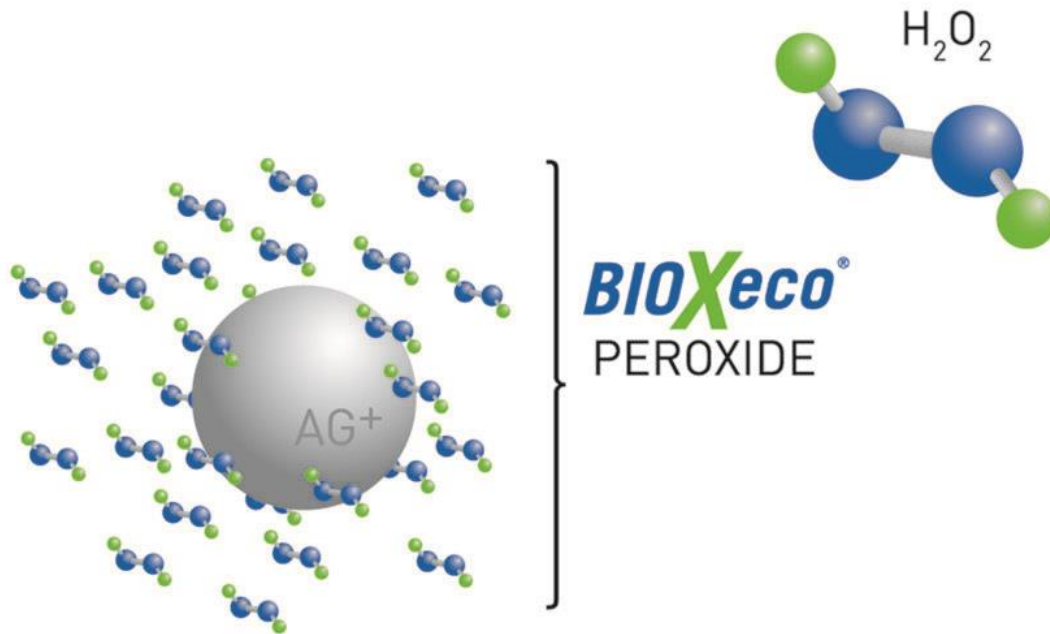


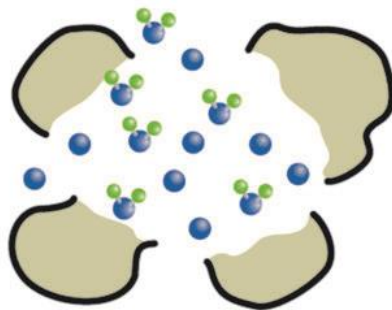
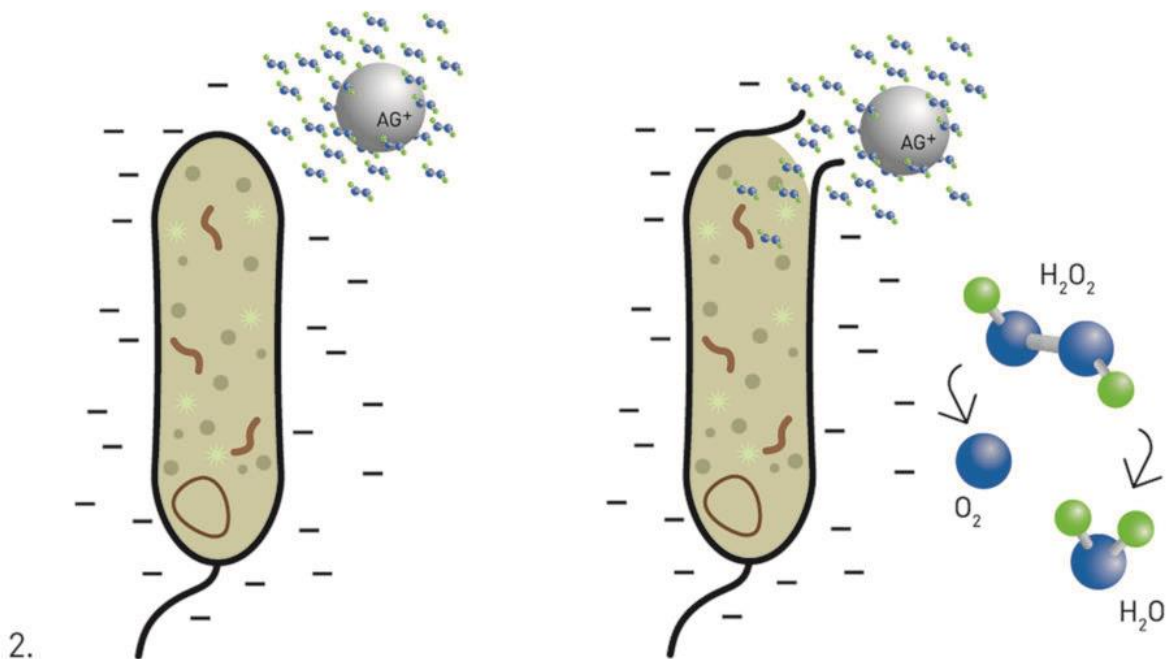
BioXeco[®] for medical disinfection



1.

BioXeco is a product based on the Huwa-San technology, a unique solution of hydrogen peroxide (H_2O_2) that is stabilized using a proprietary ionic silver based chemistry. BioXeco offers a **disinfection solution for the challenging setting of health care facilities and nursery homes**. Hundreds of millions of patients are affected by health care-associated infections worldwide each year, leading to significant mortality and financial losses for health systems.

Thorough decontamination and disinfection of air, surfaces and water goes a long way in preventing these infections. Roam Technology offers a wide array of BioXeco products that are custom made to deal with these challenges. Be it by fogging, by water disinfection or by surface disinfection, use of BioXeco leads to perfect decontamination and will strongly reduce the risk of cross-contamination.



Residual
BIOXeco[®]
 PEROXIDE

3.

When correctly applied to water, air or any surface, BioXeco will disinfect through an oxidation process and continue to safely provide unrivalled residual performance. After use, it simply degrades into harmless water and oxygen, making BioXeco one of the safest and most eco-friendly forms of disinfection.



Healthcare workers may contaminate their hands and/or gloves by touching contaminated environmental surfaces, and this can result in transmission to patients. BioXeco can reduce the risk of cross-contamination.

- Efficiency: wide antimicrobial spectrum.
- Productivity: short contact times and easy to dilute in water.
- User-friendly:
 - no pungent odor, non-toxic and non-mutagenic product.
 - no risk of forming any harmful by-products (chlorine free and alcohol free).
- Compatibility: no corrosion to metallic surfaces and no deterioration of rubber and plastic.
- Superiority: unique biofilm removal properties, non-residual.
- Temperature stable and effective over a wide temperature range (0 – 95°C).
- Effective over a wide pH range, & remains active even in low concentrations.
- Fast acting and does not require extended contact times.

Water systems provide a suitable environment for microbial growth and biofilm formation. Bacteria living in biofilms are highly resistant to surfactants, biocides and antibiotics and are a permanent health risk (e.g. Legionella). BioXeco removes the source (biofilms) of contamination and also keeps the water clean and disinfected.

- Efficiency:
 - biofilm removal (shock treatment).
 - Effective over a wide pH range, & remains active even in low concentrations. (constant dosing).
- Ecofriendly: biodegradable into water and oxygen.
- Safety: no harmful disinfection by-products (chlorine free and alcohol free).
- Productivity: easy to apply with conventional dosing systems.
- Compatibility: no corrosion to installations.
- User-friendly: odorless and non-toxic product.



Decontamination is achieved by fogging with BioXeco. Studies have indicated that the patients environment can be a permanent threat for infections.

- Efficiency: fast disinfection of isolated rooms up to 500 m³.
- Efficacy: log 7 reductions for a broad spectrum of microorganisms (e.g. MRSA, VRE, Clostridium...)
- Ecofriendly: non-toxic and environmentally friendly – biodegradable into water and oxygen