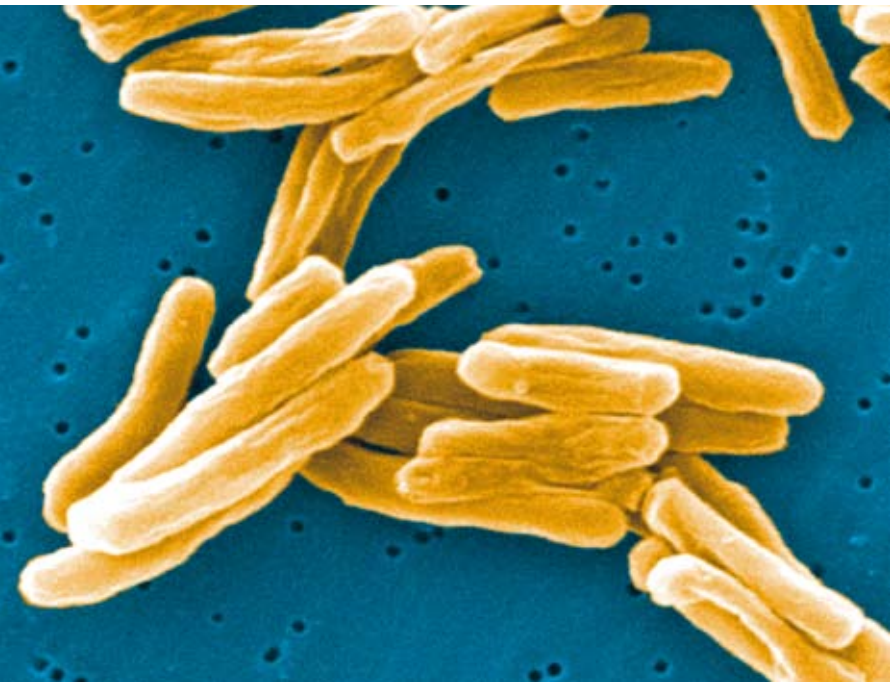
schülke

Devastatingly effective – even against tuberculosis bacteria!

Innovative disinfectants from schülke.

the plus of pure performance

Maximum possible safety thanks to highly effective preparations

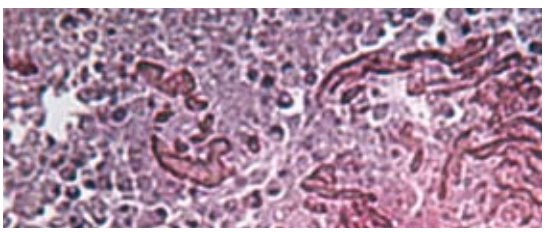


Highly effective disinfection – even when facing the threat of resistance and atypical mycobacteria.

Tuberculosis (TB for short) is an infectious disease which usually attacks the lungs and is caused predominantly by *Mycobacterium tuberculosis*. The main cause for concern is the spread of TB strains that are extremely resistant to medication.

More than 2 million people around the world die each year from tuberculosis. Currently, it is mainly the Eastern European and African countries which are affected by the disease; infection rates are falling in the German-speaking countries. However, there is a heightened risk of transmission due to a steady increase in travel activity.

Infection with tuberculosis is usually the result of droplet infection. The TB pathogens penetrate via mucous membranes, open wounds or even fresh tattoos. The probability of catching tuberculosis is many times higher if an HIV infection is already present.



Typical and atypical Mycobacteria

Typical mycobacterial strains include TB-causing *Mycobacterium tuberculosis* and the leprosy-causing M*ycobacterium leprae*.

In a healthy person, "atypical" or "non-tuberculous" mycobacteria do not lead to the outbreak of TB but can trigger a tuberculosis-like disease if the immune system has been significantly weakened (e.g. AIDS). Examples of these bacteria strains include *Mycobacterium avium, Mycobacterium ulcerans* and *Mycobacterium intracellulare*, which can cause lung and skin infections as well as abnormal swelling of the lymph nodes.

The most alarming fact, however, is the development of resistance to mycobacteria. The spread of extremely resistant XDR tuberculosis strains (extensively drug-resistant) has increased considerably in recent years. It is now almost impossible to combat them with medicinal means, i. e. using antibiotics.

Resistance to medication does not mean, however, that at the same time there is also a resistance to disinfectants.
Careful disinfection in the everyday clinical environment is therefore of great importance today, and is a particularly effective and controllable measure for the prevention and breaking down of infection chains.

Efficient TB prophylaxis has new names: gigasept® AF forte and gigasept® FF (new)

Unfortunately, mycobacteria not only remain active for several hours in the air, but also on hands, skin, surfaces and surgical instruments. While other hospital-acquired microorganisms, e.g. *Pseudomonas aeruginosa*, can be killed relatively easily by common disinfectants, *Mycobacterium tuberculosis* and atypical mycobacteria survive in disinfectants that are not effective against mycobacteria.

This also results in a specific testing of disinfectants with respect to different types of microorganisms in order to enable a comparison to be made of the performance spectra, e.g. as part of the VAH-list in Germany.

Innovative products such as gigasept® FF (new) and gigasept® AF forte are efficient and widely effective disinfectants whose performance is also guaranteed by the special tests for mycobacteria specified in the European norms EN 14348 and prEN 14563.

Results show that gigasept® FF (new) and gigasept® AF forte provide the highest possible safety against *Mycobacterium tuberculosis* as well as atypical mycobacteria.

Manual instrument preparation – disinfectant cleaning

gigasept® FF (new)

A preparation based on succinic acid dialdehyde for manual disinfection and disinfectant cleaning of surgical instruments and sensitive medical instruments.

Our Plus

- complies with new standard methods and European norms
- virucidal, tuberculocidal, mycobactericidal, sporicidal
- outstanding material compatibility
- particularly suitable for thermolabile and thermostable endoscopes
- can be mixed with the cleaning intensifier for gigasept® FF if required
- wide area of application acc. to teste with high organic contamination
- active for 7 days
- formaldehyde-free

Container size

2 l bottle

5 l canister

Exposure time	15 min	30 min	60 min
tuberculocidal	5 %	4 %	2 %
mycobactericidal	7 %	5 %	3 %

Starts to be effective from **0,75%** and also effective after just 5 min!

gigasept® AF forte

Disinfection and cleaning of rigid and flexible endoscopes, anaesthesia accessories, breathing masks and surgical instruments, aldehyde-free

Our Plus

- complies with new standard methods and European norms
- tuberculocidal, mycobactericidal
- active for 7 days
- optimum composition gives short exposure times even with high contamination
- suitable for ultrasonic use
- pleasant aroma as aldehyde-free

Container size

2 l bottle

5 l canister

Exposure time	5 min	15 min	30 min*
tuberculocidal	5 %	2 %	0.75 %
mycobactericidal	5 %	2 %	0.75 %

Manual instrument preparation – disinfectant cleaning

gigasept® instru AF

Disinfection and cleaning for surgical instruments, anaesthesia accessories etc, aldehyde-free

Our Plus

- innovative combination of active ingredients effective against bacteria (incl. M. terrae) and fungi
- complies with new standard methods and European norms
- virucidal* enveloped viruses (incl. HIV, HBV, HCV)
- reduced exposure time in ultrasonic applications
- outstanding cleaning power
- very good material compatibility
- pleasant fresh aroma
- active for 7 days
- VAH/DGHM listed

* according to RKI recommendation Federal Health Gazette 01/2004

Container size

2 l bottle

5 l canister

Exposure time	15 min	30 min	60 min
tuberculocidal	3 %	2 %	1.5 %

Manual instrument preparation – instrument trays

instrument trays

The complete tray system for disinfection, cleaning and care of instruments of all kinds. The system is suitable for all parts of the hospital, as trays can be specifically selected to suit the different requirements.

instrument trays are supplied as complete sets consisting of tray, strainer, weight and white or transparent cover.
The components can also be supplied separately on request.

Our Plus

- good material compatibility with respect to all instrument disinfection and cleaning products
- instrument trays are heat resistant up to + 55 °C

Ordering

For detailed and ordering information, please ask for our special brochure on instrument trays.

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