

Smart and Sophisticated  
Bio Decontamination

efficient.  
innovative.  
safe.

**DCX**  
disinfection control  
extended

# explore

DCXpert





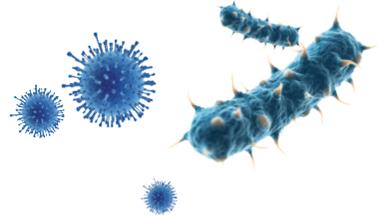
Up to  
every 10th  
patient is  
affected

we  
care

because less hygiene costs far more  
than more hygiene

Staphylococcus aureus . Pseudomonas aeruginosa  
 KPC (Klebsiella pneumoniae Carbapenemase) . Enterococcus hirae  
 MRSA (Methicillin resistant S. aureus) . Candida albicans  
 Aspergillus brasiliensis . Proteus mirabilis . Acinetobacter XDR  
 (Extensively drug resistant) . Escherichia coli . Human Norovirus (HNV)  
 Feline calicivirus (FCV) . ESBL (Extended-Spectrum Beta-Lactamase)  
 Aspergillus Niger . Geobacillus stearothermophilus  
 Clostridium difficile . VRE (Vancomycin resistant Enterococcus)

# face the threat and conquer



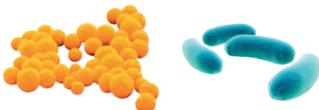
In Austria approximately 5.000 people die every year as a result of hospital acquired infections, so called nosocomial infections. These are more than 10 times more deaths compared to traffic accidents! Every 10th patient suffers from a nosocomial infection. In addition, the associated costs are enormous. Direct costs are estimated up to 300 million Euro and the indirect costs are estimated up to 600 million Euro annually!

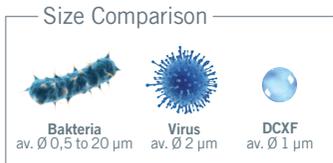
The costs for extended hospitalization or sickness absence from work must be paid by the contributors and taxpayers themselves.

According to the EU 30 to 40 % of the infections are related to systematic errors and therefore avoidable! Economically, this means a saving of 90 million Euros direct and 180 million Euros indirect costs annually.

## Hospital at a glance

Per Annum	Infections (appr.)	Fatality (appr.)
EU-wide	4.100.000	147.000
Germany	800.000	40.000
<b>Austria</b>	<b>55.000</b>	<b>4.800</b>



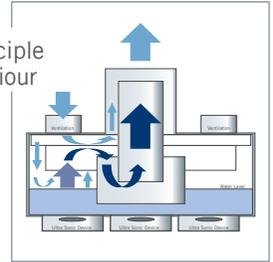


**we  
evolved**

**DCXF**  
fluid

a patented dry steam technology,  
for your protection

Patented Principle  
of Flow Behaviour



# H2O + O2

## micro aerosole advantage



Hydrogen peroxide is biodegradable and environmental friendly. The effectiveness of disinfection is maximized with the patented “dry” vaporization of DCXpert. DCXF micro aerosols are created with this technology. In sharp contrast to conventional systems DCXpert prevents unwanted condensation. Therefore, electrical devices can remain in the room.

### No liquid formation, no short circuits, no problem.

Even though DCXpert is not a sterilizer, a reduction of log 6 (1.000.000 pathogens) and more can be achieved within 15 to 30 minutes under certain conditions.

The effectiveness of DCX against bacteria, virus, fungi and yeasts has been confirmed in numerous tests by international institutions.





**we  
proofed**

that better hygiene can easily  
be achieved with DCX

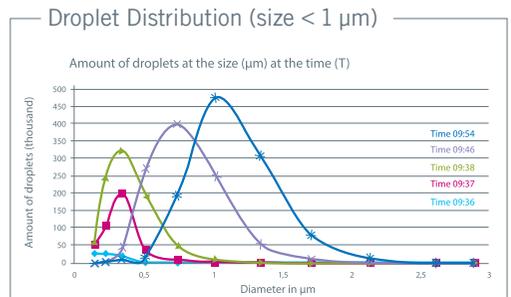
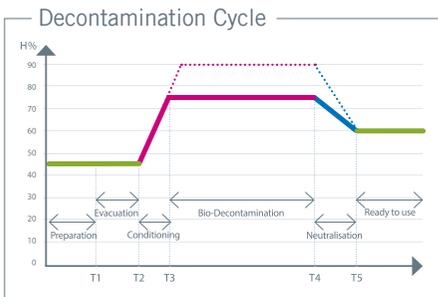


# verified, acknowledged and appreciated

DCXpert was tested in Germany and Austria receiving numerous awards. The TUEV, the Austrian Agency for Health and Food Safety (AGES), the hygiene center of hygiene of the city of Vienna (MA 15) and many more favor DCXpert.

Finally we developed the ultimate solution: a unique system with no residue. The patented technology ensures quality control and prevents condensation.

Thirteen different countries are increasing their hygiene standard by using DCXpert at the moment.



## The DCXpert System gained several prizes:

Mercure prize 2012

ACR Cooperation Award 2012 in cooperation with OFI (Austrian research Institute)

Nomination Austrian National Innovation prize

Be innovative, be preventive.

**DCX**  
technologies

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we  
offer

DCXpert

**DCX**

disinfection control  
extended

a unified system you can rely on  
during your daily business

# DCX smart system adapted just for you

DCX provides an optimally harmonized system for frictionless integration in daily use. The quality control of the disinfection liquid DCXF-fluid is guaranteed by an intelligent chip controlled system. The DCXpert Utility Kit provides you tested material for the fast and easy decontamination process as well as for your safety.



Advanced technology combined with intelligent software for reproducible results. You can validate DCXpert at any time.



The fluid is controlled by Smart Card technology which guarantees safety and prevents misuse.



The Utility Kit provides everything you might need for an easy process including preparation and your own personal protective equipment.

Hospital . Health care facilities . Retirement homes  
Nursing homes . Clinics . Pharmaceutical industry  
Laboratories . Ambulances . Public transport  
Food industry . Container decontamination . Kitchens  
Schools . Kindergarten



**we  
complete**

your previous hygiene standards  
up to higher complementary levels

„Using DCXpert is a major step in the right direction to actively proceed against nosocomial infections and to improve the hygienic situation in hospitals.“

**Univ.-Prof. Dr. Franz Allerberger**

Head of the Austrian Agency for Health and Food Safety (AGES), Dep. Public and former president of the Austrian Society for Hygiene, Microbiology and Preventive Medicine (ÖGHMP)

## time for certainty raise your standards

The EU calls for the improvement of patient safety through additional measures. How far did you meet the European hygiene requirements?

DCXpert adds up perfectly to existing routines and raises the hygiene standard. You know you can do more for the sake of your patients and your staff.

DCXpert can be used by almost everyone and almost everywhere. Even though pushing one button is enough to start the decontamination, you receive a detailed training from our specialists and gain the knowledge to increase your hygiene standard in healthcare facilities, food- or pharma industry, public transport or wherever better hygiene is essential.



prevent  
now