Dr. Schumacher

We protect your health.

INFECTION CONTROL – FROM HEAD TO TOE

Protect Patients –

Prevent Infections



Antimicrobial Full-Body Cleansing **with DECONTAMAN**



Smarter Protection.
Stronger Defense.

In hospitals and long-term care facilities, every infection prevented matters.

Effective infection prevention is essential – and every single measure counts when it comes to reducing the risk of transmission of pathogens and the occurance of hospital-acquired infections.

The human skin is densely colonized by a wide variety of microorganisms. While most of them are harmless and may serve protective functions, some can lead to serious infections and illnesses if they enter the body. That's why proactive prevention is key to safeguarding health.

In order to reduce the risk of infection, it is critical to reduce the microbial load found on patients' skin. Full-body cleansing with a chlorhexidine (CHG)-based antimicrobial cleanser is a proven approach and is recommended by the WHO in specific infection prevention settings.

Dr. Schumacher offers a comprehensive solution: the DECONTAMAN product family. Based on CHG, DECONTAMAN products are highly effective, gentle on the skin, and easy to use – giving you confidence in hygiene and care.

These antimicrobial cleansing products are designed specifically for full-body application, undergo strict quality controls, and meet clinical and practical requirements.



Microorganisms on the skin

Natural Skin Flora

Human skin is densely colonized by microorganisms. These microbes are part of the natural skin environment - commonly known as the resident flora. On healthy skin, these microorganisms (predominantly fungi and bacteria) do not cause disease. Instead, they perform various functions for the skin health, including protective duties.

Combating MRSA and VRE through decolonization

Multidrug-resistant pathogens - such as methicillin-resistant Staphylococcus aureus (MRSA) or vancomycin-resistant enterococci (VRE) - often colonize the skin. However, if these multidrug-resistant germs enter the body, for instance through a wound or a catheter, the risk of infection increases. Targeted antimicrobial body washing addresses this issue: it reduces the pathogen load on the skin and can help lower the risk of infection in sensitive care settings.

Staphylococci
primarily colonize the skin and mucous membranes. Staphylococcus epidermidis can cause infections under certain conditions.

Corynebacteria
are Gram-positive rod-shaped bacteria, some of which are part of the natural flora of the skin and mucous membranes. They frequently colonize moist areas such as the navel as well as the folds of the groin and buttocks.

Proteobacteria
are found in various areas of the skin, including the armpits and the inner forearms.

Cutibacteria (formerly Propionibacteria)
primarily colonize sebum-rich skin areas such as the face, scalp, chest, and back.

Micrococci
colonize primarily dry areas of the skin, such as the arms and legs.

Bacteroidetes
are found on various regions of the skin, including the hands and forearms.

DECONTAMAN
for antimicrobial body cleansing

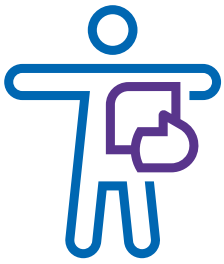
With the DECONTAMAN product family, Dr. Schumacher offers a range of products required for the effective antimicrobial cleansing of patients. All DECONTAMAN products are based on chlorhexidine (CHG) and are highly effective against bacteria – particularly against multidrug-resistant organisms such as MRSA, VRE, and MRGN.

A key advantage: the CHG that remains on the skin after cleansing provides long-lasting protection against pathogens. Positively charged .CHG molecules bind to proteins in the epidermis, which then release the molecules over time, providing a layer of prolonged antimicrobial protection.

DECONTAMAN PRE SOFT is an effective and skin-friendly rinse-off antimicrobial washing lotion. Simply apply and lather like a normal washing lotion, then rinse it off with water after the contact time has elapsed.

DECONTAMAN PRE WIPES (pack of 10 wipes for full body decontamination) and DECONTAMAN PRE CAP (antimicrobial hair cleansing cap), are single-use, leave-on products ideal for immobile patients. They allow for convenient and easy waterless body cleansing.





	Application Areas			Spectrum of Efficacy					Product Properties					
	Antimicrobial cleansing	Hygienic hand wash	Antimicrobial hair washing	Bactericidal	Yeasticidal	Effective against enveloped viruses	MRSA	MRGN (e.g. Acinetobacter baumannii)	Microwaveable	Alcohol-free	pH skin neutral	Lipid replenishing	Perfume-free	Dye-free
DECONTAMAN PRE SOFT	•	•	•	•	•	•	•	•		•	•	•	•	•
DECONTAMAN PRE WIPES	•			•	•		•	•	•	•	•			•
DECONTAMAN PRE CAP	•		•	•	•		•	•	•	•	•			•

Please refer to the product information sheet (PIF) for complete information on the spectrum of efficacy.

PREVENT



DECONTAMAN PRE SOFT
Antimicrobial washing lotion

- **For antimicrobial patient washing and decontamination**
- **Achieves all relevant efficacies after 60 s**
- **Bactericidal, yeasticidal, active against enveloped viruses**

DECONTAMAN PRE SOFT is an antimicrobial cleansing lotion to simultaneously clean and decontaminate skin, hair and hands, even in areas with a high load of fat or protein, such as in the food sector e.g. after meal preparation. Suitable for antimicrobial whole-body washing in cases of MRSA contamination or contamination with other multi-resistant Gram-negative becteria (MRGN) such as Acinetobacter baumanii or vancomycin-resistant enterococci (VRE), especially prior to surgery or during longer periods of bed confinement. DECONTAMAN PRE SOFT's skin-friendly pH and nourishing ingredients offer good skin compatibility suitable for regular use and hygienic hand washing in accordance with VAH directive and EN 1499. The product is free of phenols as well as alcohols, perfumes and dyes.

Spectrum of efficacy and contact times			
Application recommendation for hygienic handwash[1]	EN 1499 / VAH[2]		1 min
efficacy against enveloped viruses	EN 14476	dirty conditions	1 min
bactericidal	EN 13727	dirty conditions	30 s
yeasticidal (C. albicans)	EN 13624	dirty conditions	1 min

Composition – 100 g solution contain
2 g chlorhexidine digluconate
1,5 g 2-phenoxyethanol

Single Unit	Unit	Content	REF
bottle	20	500 ml	00-532-005
bottle	12	1 L	00-532-010
canister	3	5L	00-532-050

SUGGESTED PRODUCTS WHOLE-BODY WASHING



DECONTAMAN PRE WIPES
Antimicrobial cleansing wipes

- **For presurgical, antimicrobial patient washing without water**
- **Time saving, thorough cleansing and decontamination**
- **Broad efficacy against bacteria including multi-resistant pathogens**
- **Wipes may be warmed for patient comfort**
- **Free from phenols, alcohols and colorants**

DECONTAMAN PRE WIPES are ready-to-use wipes for antimicrobial cleaning of the skin. The large wipes are made of robust, pleasantly soft non-woven fabric and are impregnated with a mild disinfectant solution containing 2% chlorhexidine. It is not necessary to rinse the skin after cleaning with DECONTAMAN PRE WIPES. Thanks to the film of active ingredient that remains on the skin, a 24-hour residual action against bacteria is achieved. DECONTAMAN PRE WIPES are therefore highly suitable for time-saving cleansing of skin colonized with multidrug-resistant organisms (MDRO) and can also be used as part of pre-operative patient preparation.

Spectrum of efficacy and contact time			
Application recommendation for antimicrobial patient washing[1]	EN 1499 (modified)	dirty conditions	5 min
bactericidal	EN 13727	clean conditions	1 min
bactericidal	EN 13727	dirty conditions	5 min
yeasticidal (C. albicans)	EN 13624	clean and dirty conditions	3 min

Composition – 100 g solution contain
2 g chlorhexidine digluconate

Single Unit	Unit	Content	Size	REF
flowpack	24	10 wipes	20 x 30 cm	00-530-T010E

1 including phase 2 step 1 and phase 2 step 2 tests (quantitative suspension tests and quantitative carrier tests)
2 EN 1499, EN 13727, EN 13624
***Prevent** – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal.*
Use disinfectants safely. Always read the label and product information before use.



DECONTAMAN PRE CAP
Antimicrobial cleansing cap

- **Antimicrobial hair washing without water**
- **Practical and fast with an easy to use cap application**
- **Microwaveable for increased patient comfort**
- **Broad efficacy against bacteria including multi-resistant pathogens**
- **Latex-free, durable material**

DECONTAMAN PRE CAP is a ready-to-use washing cap for the antimicrobial cleaning of hair and scalp. DECONTAMAN PRE CAP allows a time-saving and thorough cleansing of the hair, especially for immobile patients, without additional rinsing with water. The antimicrobial efficacy makes the cap suitable for use in case of colonisation with multidrug-resistant bacteria. The cap is made of a very durable, latex-free material and can be heated if necessary.

Spectrum of efficacy and contact time			
Application recommendation for disinfecting hair wash[1]	EN 1499 (modified)	dirty conditions	5 min
bactericidal	EN 13727	clean conditions	1 min
bactericidal	EN 13727	dirty conditions	5 min
yeasticidal (C. albicans)	EN 13624	clean und dirty conditions	3 min

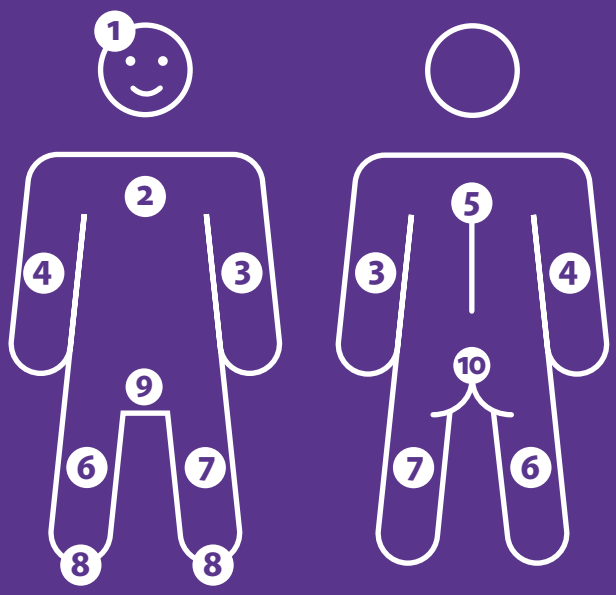
Composition – 100 g solution contain
2 g chlorhexidine digluconate

Single Unit	Unit	Content	REF
cap	30	1 piece	00-530-H001E

1 including phase 2 step 1 and phase 2 step 2 tests (quantitative suspension tests and quantitative carrier tests)

Use disinfectants safely. Always read the label and product information before use.

Full body washing sequence with 10 wipes



1 Face
Cleanse face completely. Eyes must stay closed during the entire process. Use wipes carefully in the area around the eyes and avoid letting liquid run into eyes. When cleansing the ears be careful to keep liquid from running into ears.

2 Chest/stomach
Remove clothing from upper body and wash torso from the neck down to the belly button. Keep lower body warm.

3 4 Arms
Starting at the fingertips wash hands, arms and especially the armpits.

5 Back
Sit up or turn patient/resident to one side. From the outside with an inward motion wash neck and back. Dress patient/resident and turn them on their back.

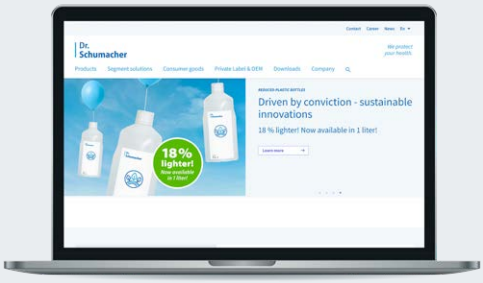
6 7 Legs
Undress the lower body. Wash legs in an upward motion up to the thighs in the direction of the heart.

8 Feet
Wash feet starting with the toes.

9 Genital area
Perform intimate care.

10 Buttocks
Turn patient/resident to one side and wash buttocks and anal region

! Important:
When performing decontamination, towels should be placed under the patient so that the unwashed side of the body does not come into contact with clean linens. Avoid contact with mucous membranes. Due to hygienic reasons, wash genital area and buttocks last.



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