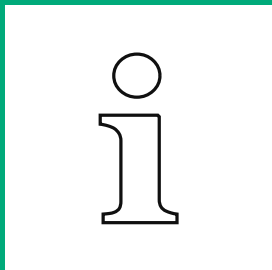




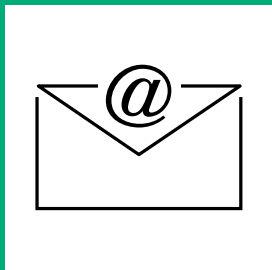
# Disinfection and Hygiene

## In Veterinary Medicine





Please note that some products require a specific local registration and might not be available in your country. Please get in touch with your local contact.



**Information:**

The catalog only shows an excerpt from our full Disinfection and Hygiene wound management portfolio. Please contact us if you are interested in any other products.

Email: [info@bbraun-vetcare.de](mailto:info@bbraun-vetcare.de)



The "Disinfection and Hygiene" brochure is an excerpt from our full catalog.



**Order complete catalog – Vet Care**

[www.bbraun-vetcare.com/ordercompletecatalog](http://www.bbraun-vetcare.com/ordercompletecatalog)



**Website:**

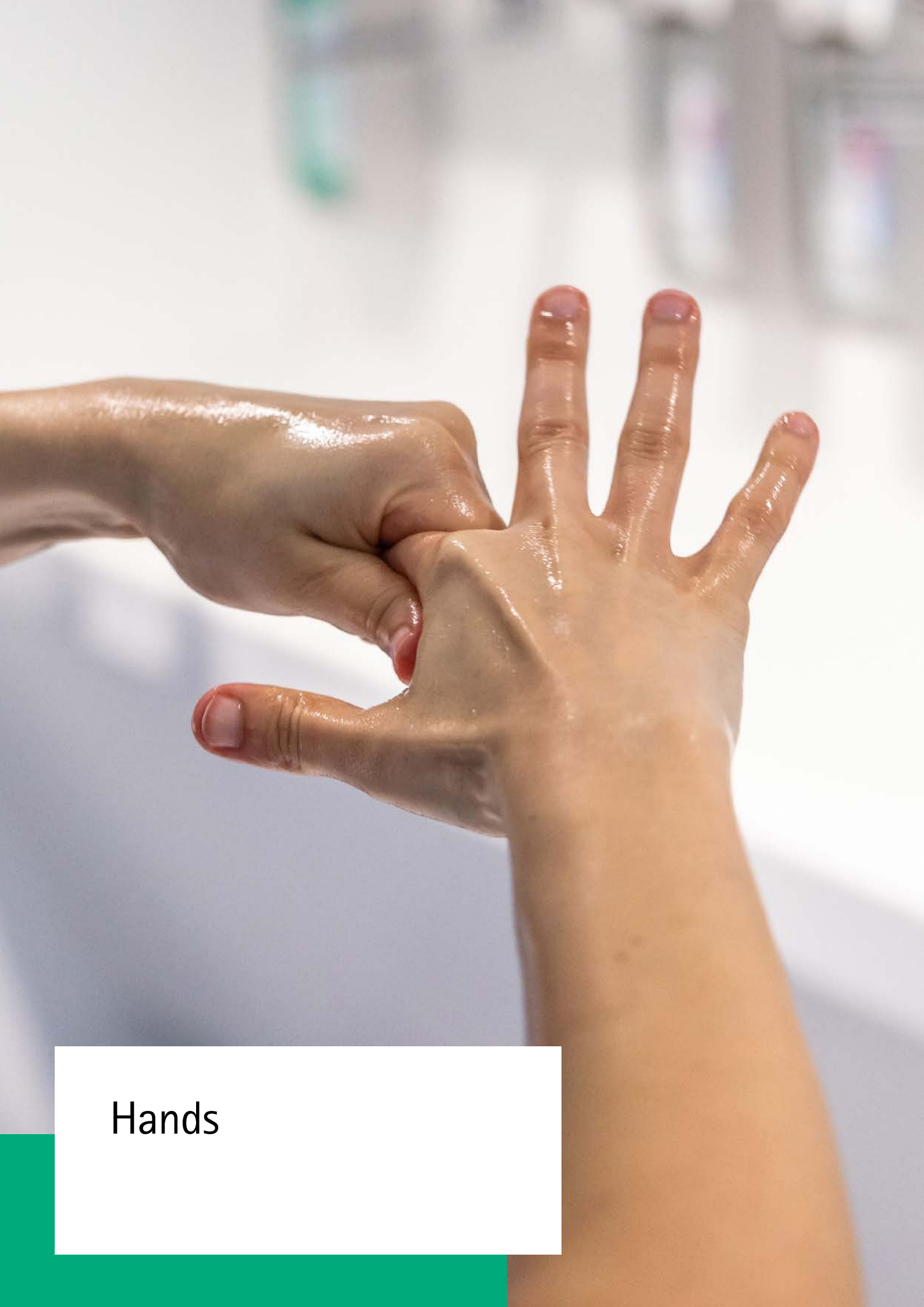
[www.bbraun-vetcare.com/disinfectionandhygiene](http://www.bbraun-vetcare.com/disinfectionandhygiene)



# Disinfection and Hygiene

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Hands

# Hand Hygiene

## Wash Lotions



### Softaskin®

Wash lotion for normal and sensitive skin

- Skin-neutral pH wash lotion
- For hand washing in all medical and other facilities
- For patient washing prior to surgery and incontinence patients
- Suitable as a shower gel or for baths
- Free from microplastics and parabens
- Contains high-quality surfactants and is biodegradable
- Light, low-allergen fragrance
- Fresh and pleasant scent
- Colorant free
- Allergy and dermatologically tested \*

Delivery form	Sales unit	Art. no.
500 ml dispenser bottle	20 pcs	180214
1000 ml dispenser bottle	10 pcs	180217
5 liter canister	1 pc	180221



### Softaskin® pure

Wash lotion for very sensitive skin

- Low-allergen wash lotion with skin-neutral pH value
- For hand washing in all medical and other facilities — especially in neonatology, oncology, dermatology, intensive care units, and kitchen areas
- For patient washing prior to surgery and incontinence patients
- Suitable as a shower gel or for baths
- Especially for sensitive and exposed skin
- Free from microplastics and parabens
- Contains high-quality surfactants and is biodegradable
- Perfume and colorant free
- Dermatologically tested

Delivery form	Sales unit	Art. no.
500 ml dispenser bottle	20 pcs	180206
500 ml dispenser bottle with dosing pump attached	20 pcs	180208
1000 ml dispenser bottle	10 pcs	180210

\* Evaluation report will be provided on request  
Mandatory texts for the products at the end of the brochure

# Hand Hygiene

## Disinfection

Overview of hand disinfection	Routine disinfection	High performance disinfection RKI listed (AB)	Gel disinfection	Normal skin type	Sensitive skin	Fragrance free	Colorant free	Allergy tested	Lipid replenishers
Softa-Man® ViscoRub	✓		✓	✓	✓	✓	✓	✓	✓
Softa-Man® acute		✓		✓	✓	✓	✓	✓	✓
Softa-Man®	✓			✓			✓	✓	✓
Softa-Man® pure	✓			✓	✓	✓	✓	✓	✓
Promanum® pure	✓			✓	✓	✓	✓	✓	✓



### Softa-Man® ViscoRub

Hand disinfection and care in one

- Gel hand sanitizer
- Effective against bacteria (incl. MRSA, TBB) and fungi
- Viral efficacy: limited virucidal activity (incl. HBV, HCV, HIV), effective against rotaviruses, influenza, and noroviruses
- Free from colorants and fragrances
- Free from additives
- Very skin friendly
- Contact time for hygienic hand disinfection 30 sec.
- Contact time for surgical hand disinfection 90 sec.

#### Delivery form

#### Sales unit

500 ml dispenser bottle  
1000 ml dispenser bottle  
5 liter canister

20 pcs  
10 pcs  
1 pc

Ask your local contact for availability

Mandatory texts for the products at the end of the brochure

# Hand Hygiene

## Disinfection



### Softa-Man® acute

Virucidal hand disinfection in just 60 seconds

- High-performance virucidal hand disinfectant
- DGHM / VAH, RKI listed (area of effect A and B) and in the IHO Virucidal List
- Effective against bacteria (incl. MRSA, TBB) and fungi
- Viral efficacy: virucidal (enveloped and nonenveloped viruses)
- Completely virucidal in just 60 seconds
- Free from colorants and fragrances
- Free from additives
- Suitable for all risk areas—especially where exposure to viruses is unknown
- Contact time for hygienic hand disinfection 30 sec.
- Contact time for surgical hand disinfection 60 sec.

Delivery form	Sales unit
500 ml dispenser bottle	20 pcs
1000 ml dispenser bottle	10 pcs

Ask your local contact for availability



### Softa Man®

Decades of proven hand disinfection

- Nourishing hand disinfectant
- DGHM / VAH, RKI listed (area of effect A) and in the IHO Virucidal List
- Effective against bacteria (incl. MRSA, TBB) and fungi
- Viral efficacy: limited virucidal \*PLUS (enveloped viruses PLUS adeno-\*, noro-\*, rotaviruses)
- Dye-free – low-allergenic fragrance
- Free from additives
- Contains high-quality nourishing substances such as panthenol, bisabolol, and allantoin
- Contact time for hygienic hand disinfection 30 sec.
- Contact time for surgical hand disinfection 60 sec.

Delivery form	Sales unit
500 ml dispenser bottle	20 pcs
1000 ml dispenser bottle	10 pcs
5 liter canister	1 pc

Ask your local contact for availability  
Mandatory texts for the products at the end of the brochure





## Promanum® pure

Hand disinfection with special lipid replenishing system

- Hand disinfectants with selected lipid replenishers
- DGHM / VAH listed and in the IHO Virucidal List
- Effective against bacteria (incl. MRSA, TBB) and fungi
- Viral efficacy: limited virucidal \*PLUS (enveloped viruses PLUS adeno-\*, noro-\*, rotaviruses)
- Free from colorants and fragrances
- Free from additives
- Contact time for hygienic hand disinfection 30 sec.
- Contact time for surgical hand disinfection 90 sec.

Delivery form	Sales unit
500 ml dispenser bottle	20 pcs
1000 ml dispenser bottle	10 pcs
5 liter canister	1 pc

Ask your local contact for availability

Mandatory texts for the products at the end of the brochure



## Softa-Man® pure

Dye- and perfume-free hand disinfection

- Low-allergen hand disinfectant
- DGHM / VAH listed and in the IHO Disinfectant List
- Effective against bacteria (incl. MRSA, TBB) and fungi
- Viral efficacy: limited virucidal activity (incl. HBV, HCV, HIV), effective against rota- and influenza viruses
- Free from colorants and fragrances
- Free from additives
- Specifically for sensitive skin
- Nourishes with panthenol (provitamin B5), bisabolol, and allantoin
- Contact time for hygienic hand disinfection 30 sec.
- Contact time for surgical hand disinfection 60 sec.

Delivery form	Sales unit
100 ml bottle	20 pcs
500 ml dispenser bottle	20 pcs
1000 ml dispenser bottle	10 pcs

Ask your local contact for availability

Mandatory texts for the products at the end of the brochure

# Hand Hygiene

Care for your hands

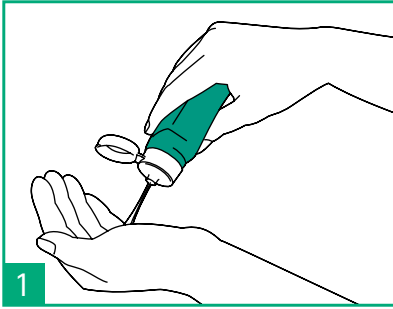
## Softa-Man<sup>®</sup> pure

Every time you use Softa-Man<sup>®</sup> pure,  
you care for your hands.

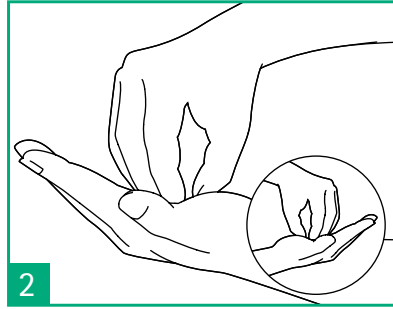


# Hygienic hand disinfection according to EN 1500

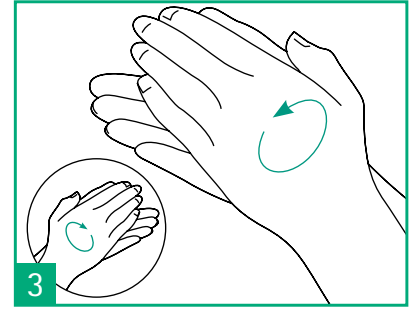
Modified according to "WHO Guidelines on Hand Hygiene in Health Care"



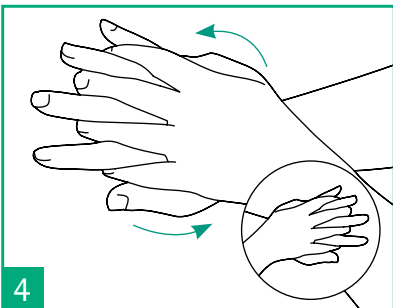
Fill palm of hand with disinfectant



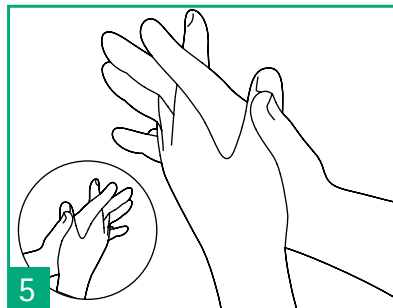
Rub in a circular motion with closed fingertips in the palm and vice versa



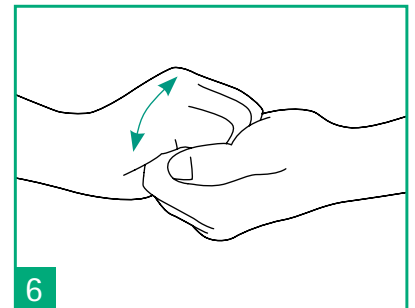
Rub palms together



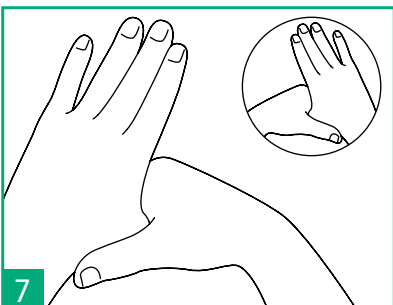
Right palm over back of left hand and vice versa



Palm on palm with fingers interlocked and spread



Outside of fingers on opposite palms with interlocked fingers



Rub the left thumb in a circular motion in the closed palm and vice versa



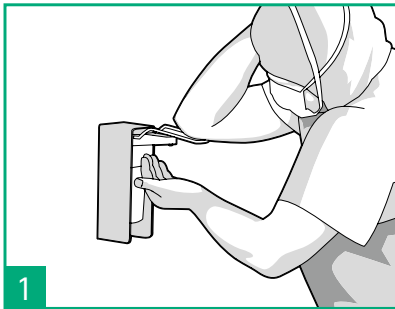
After rubbing in for 30 sec, hands are dry and ready to use

# Surgical Hand Disinfection

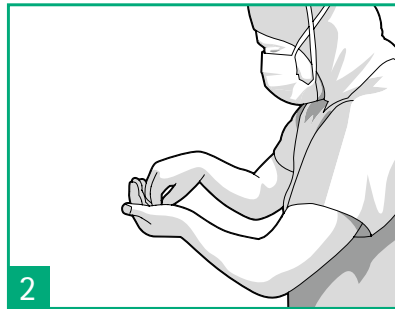
## Rub-in technique with alcohol-based hand disinfectant

The rub-in technique for surgical hand disinfection requires the hands to be completely clean and dry. After arriving in the operating room and putting on surgical clothing (cap / bonnet / hood, and face mask), the hands must be washed with soap and water. After surgery and removing the gloves, the hands must be rubbed with an alcohol preparation or washed with soap and water if there are sebum residues or biological fluids present (e.g., if the glove is punctured).

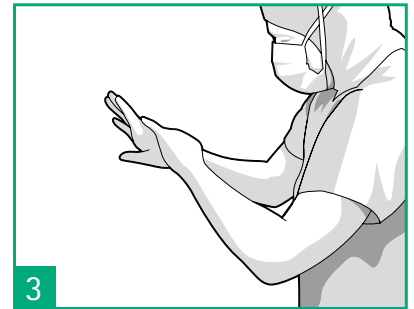
If the rub-in technique for surgical hand disinfection has been performed correctly (Figures 1 to 13), multiple surgical procedures can be performed in succession without having to wash your hands in between.



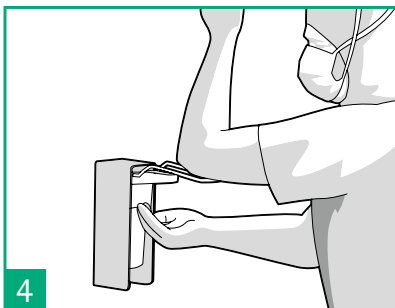
1 Add approx. 5 ml (3 strokes) of alcohol-based hand disinfectant to the palm of the left hand (press the dispenser pump with the elbow of the other arm).



2 Dip fingertips of right hand into hand disinfectant to decontaminate under the nails (5 sec.).



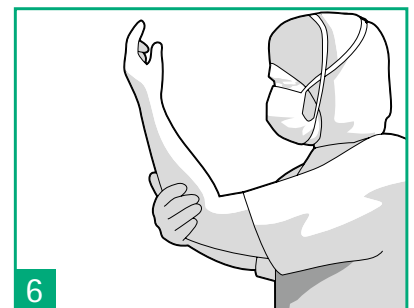
3 Spread the disinfectant on the right forearm all the way to the elbow. Make sure that all areas of the skin are covered by making circular motions all over the forearm. Continue to rub until the disinfectant has completely evaporated (10–15 sec.).



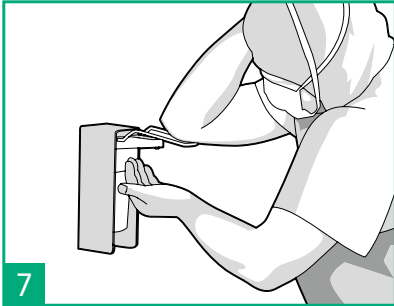
4 Add approx. 5 ml (3 strokes) of alcohol-based hand disinfectant to the palm of the right hand (press the dispenser pump with the elbow of the other arm).



5 Dip fingertips of left hand into hand disinfectant to decontaminate under the nails (5 sec.).

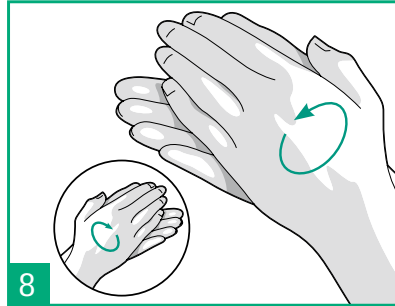


6 Spread the disinfectant on the left forearm all the way to the elbow. Make sure that all areas of the skin are covered by making circular motions all over the forearm. Continue to rub until the disinfectant has completely evaporated (10–15 sec.).



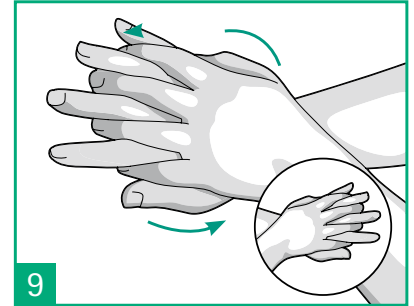
7

Add approx. 5 ml (3 strokes) of alcohol-based hand disinfectant to the palm of the left hand (press the dispenser pump with the elbow of the other arm). Rub both hands simultaneously up to the wrists, making sure that all the steps shown in Figures 12–13 are carried out (20–30 sec.).



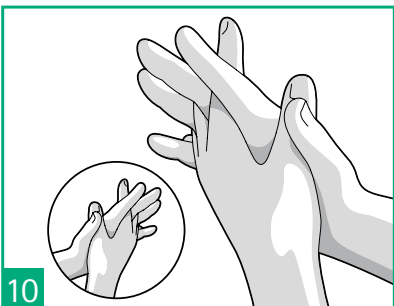
8

Moisten the entire palms of the hands up to the wrist with the alcohol-based hand disinfectant, rubbing the palms together in circular motions.



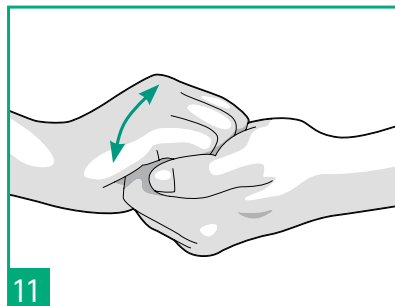
9

Rub back of left hand, including wrist, by moving right hand back and forth, then vice versa.



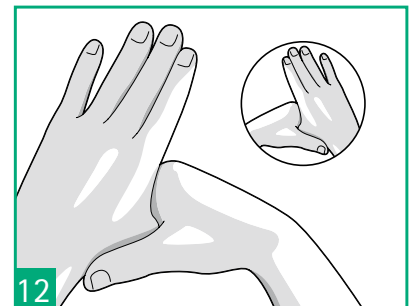
10

Rub palms back and forth with interlocked, spread fingers.



11

Place the outside of the fingers in the palm of the other hand and rub with a sideways back-and-forth motion.



12

Rub the thumb of the left hand by turning it in a circle in the closed right hand and vice versa.



13

Sterile scrub suits and gloves can be put on once the hands are dry.

Repeat the procedure shown above (average time 60 sec.) until reaching the full duration recommended by the manufacturer of the alcohol rubbing product for surgical hand disinfection.

# Hand Hygiene

## Skin care lotions



### Trixo®-lind

Skin care lotion for normal and sensitive skin

- Coconut oil moisturizes and forms a protective layer
- Lipid replenishers strengthen the skin's natural protective mantle and helps to prevent dehydration and irritation of the skin
- O/w emulsion
- Bisabolol soothes the skin
- Skin-neutral pH value
- Fresh and pleasant scent
- Dermatologically tested, receiving Dermatest label "Excellent" \*
- Free of microplastics, silicones, and paraffin

Delivery form	Sales unit	Art. no.
20 ml tube	100 pcs	180275
100 ml tube	10 pcs	180276
500 ml dispenser bottle	20 pcs	180277
500 ml bottle with dosing pump attached	20 pcs	180278



### Trixo®-lind pure

Fragrance-free care for highly stressed and sensitive skin

- Coconut oil moisturizes and forms a protective layer
- Lipid replenishers strengthen the skin's natural protective mantle and helps to prevent dehydration and irritation of the skin
- O/w emulsion
- Bisabolol soothes the skin
- Skin-neutral pH value
- Fragrance free
- Dermatologically tested, receiving Dermatest label "Excellent" \*
- Free of microplastics, silicones, and paraffin

Delivery form	Sales unit	Art. no.
100 ml tube	10 pcs	180286
500 ml dispenser bottle	20 pcs	180287
500 ml bottle with dosing pump attached	20 pcs	180288

# Skin



# Skin and Wound

## Disinfection

Overview of skin and wound antiseptics	Intact skin	Wound irrigation	Mucosa	Colorless	Dyed
Softasept® N	✓			✓	✓
LavaSurge®		✓		✓	
Braunol®	✓	✓	✓		✓
Braunoderm®	✓			✓	✓



### Softasept® N

Quick skin disinfection before injections and punctures

- Ready-to-use alcohol-based skin disinfectant
- Short contact time (from 15 seconds)
- Contains no microbicidal additives
- Effective against bacteria (incl. MRSA, TBB) and fungi; limited virucidal activity (incl. HBV, HCV, HIV) and effective against rota- and polioviruses
- Dries quickly
- DGHM/VAH listed
- Colorless
- Dyed on request

Delivery form	Sales unit
250 ml spray bottle	20 pcs
1000 ml bottle	10 pcs
5 liter canister	1 pc

Ask your local contact for availability  
Mandatory texts for the products at the end of the brochure





## Braunol®

Universal PVP iodine solution for skin, mucous membranes and wound antiseptics

- Aqueous povidone-iodine solution
- For very well-tolerated skin, mucous membrane and wound antiseptics
- For wound care and treatment of poorly healing infected wounds
- Undiluted and diluted for irrigation, washing, and moist wound dressings
- The active ingredient povidone-iodine has a bactericidal (incl. MRSA), fungicidal, tuberculocidal, antiprotozoal effect and is effective against numerous viruses and protozoa

Delivery form	Sales unit
250 ml spray bottle	20 pcs
1000 ml bottle	10 pcs

Ask your local contact for availability



## Braunoderm®

Skin disinfectant made from a combination of alcohol and PVP-iodine

- Ready-to-use alcohol-based povidone-iodine solution
- For skin disinfection prior to surgery and punctures
- Rapid disinfecting effect from just 15 seconds
- Long-lasting effect from alcohol and PVP-iodine
- Good marking of the disinfected skin area
- Works against bacteria (incl. MRSA, TBB) and fungi; inactivates many viruses, e.g., vaccinia virus and poliovirus

Delivery form	Sales unit
250 ml spray bottle	20 pcs
1000 ml bottle	10 pcs

Ask your local contact for availability

# Skin and Wound

## Disinfection



### LavaSurge®

For intraoperative wound irrigation

- Sterile, ready-to-use iso-osmotic Ringer-based irrigation solution with 0.04% polyhexanide to prevent bacterial growth
- For local wound irrigation in:
  - primary endoprosthetic procedures
  - endoprosthetic revisions
  - scalding/burns
  - acute and chronic wounds with and without signs of infection
  - for instillation in vacuum therapy

Delivery form	Sales unit	Art. no.
250 ml	10 pcs	19901
1000 ml	10 pcs	19902

# Post-operative wound care

## ProntoVet® Irrigation Solution and ProntoVet® Gel



### ProntoVet® Irrigation Solution

Sterile, ready-to-use solution for the cleansing and irrigation of all types of skin wounds

- Removal of wound biohardens (necroses, fibrin, biofilm)
- Intraoperative cleaning and irrigation of wounds
- Loosening of encrusted pads and bandages prior to removal
- Helps to prevent biofilm from forming
- For cleansing and moistening chronic skin wounds
- For preservative moistening of bandages and wound dressings, such as compresses, gauze, pads, sponges, gels, hydrofibres, alginates, hydrocolloids etc.
- During dressing changes to loosen encrusted bandaging or other encrusted wound dressings
- Creates a healing environment
- For repeated and long-term use
- Shelf life 8 weeks after opening
- Ingredient list: 0.1% undecylenamidopropyl betaine, 0.1% polyaminopropyl biguanide (polihexanide)

Version	Sales unit	Art. no.
350 ml	10 pcs	400601



### ProntoVet® Gel

Sterile, ready to use hydrogel for the cleansing and long-term irrigation of all types of wounds, even under dressings

- Removal of wound biohardens (necroses, fibrin, biofilm)
- Helps to prevent wound coverings from forming
- For cleansing and moistening chronic skin wounds
- For preservative moistening of bandages and wound dressings, such as compresses, gauze, pads, sponges, gels, hydrofibres, alginates, hydrocolloids etc.
- During dressing changes to loosen encrusted bandaging or other encrusted wound dressings
- Suitable for wound cavities owing to good flow properties
- Creates a healing environment
- For repeated and long-term use
- Shelf life 8 weeks after opening
- Ingredient list: 0.1% polyaminopropyl biguanide (polihexanide), betaine surfactant, glycerol, hydroxyethylcellulose, aqua ad injectabilia

Version	Sales unit	Art. no.
30 ml, cartridge bottle	20 pcs	400600

#### Practical tip:

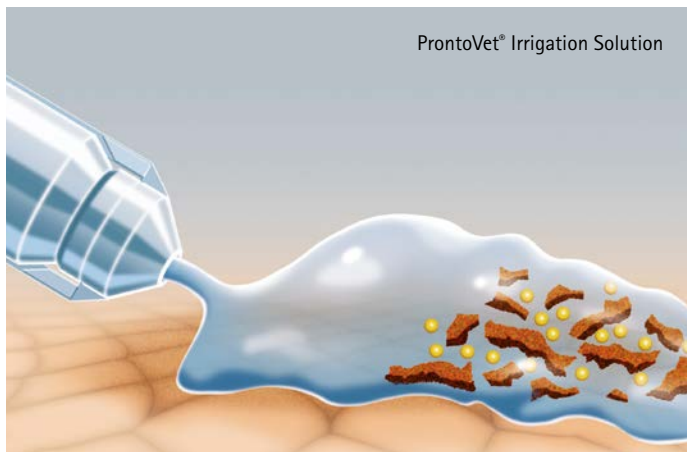
Apply ProntoVet® Gel to a fresh wound. The patient can then be sheared at the appropriate location.

#### Benefit:

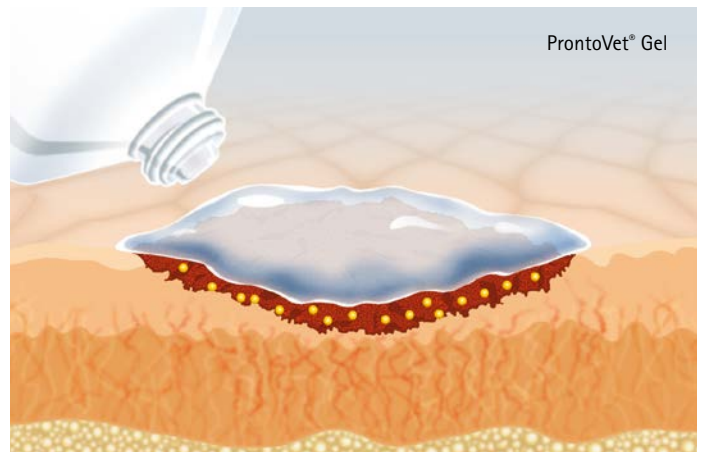
ProntoVet® Gel prepares and protects the wound well. The gel can also be used to wipe off loose hair.

# Post-operative wound care

## ProntoVet® Irrigation Solution and ProntoVet® Gel



ProntoVet® Irrigation Solution removes wound debris through the synergistic action of the betaine surfactant and polyhexanide.



ProntoVet® Gel moistens and cleans the wound surface during the dressing time and promotes a physiological wound healing environment.

- Effectively cleans due to even wetting with betaine surfactant
- Adheres to large wound surfaces (ProntoVet® Gel)
- Protects against bacterial colonization
- Nearly painless during application

### Tip for using ProntoVet® Irrigation Solution and ProntoVet® Gel

To open the bottle, remove the white spacer ring and screw the cap back on tightly.



Turn the cap clockwise all the way, this will pierce the opening area of the bottle.



Remove the safety ring from the cap (can be thrown away).



Turn cap counterclockwise and open. Bottle is ready for use.



<sup>1</sup> López-Rojas et al. In vitro activity of a polyhexanide–betaine solution against high-risk clones of multidrug-resistant nosocomial pathogens. *Enferm Infecc Microbiol Clin*. 2016. <http://dx.doi.org/10.1016/j.eimc.2016.02.008>

### Tips on contact time

Since ProntoVet® is a rinsing solution and not a microbicidal disinfectant, strictly speaking, no contact time applies. For cleaning, the wound should be intensively irrigated; if the wound debris is extensive, leave it on to improve the cleaning performance, if necessary.

In vitro results show a significant reduction in germs after just 1 minute for ProntoVet®.<sup>1</sup>

# Reprocessing



**B | BRAUN**

# Reprocessing

## Manual and automated cleaning and disinfection

Overview of manual instrument cleaning and disinfection	Thermally stable materials	Thermally unstable materials	Flexible endoscopes	Cleaning	Effective against bacteria	Effective against fungi	Effective against spores	Limited virucidal activity (incl. HBV, HCV, HIV)	Virucide
Helipur®	✓			✓	✓	✓		✓	
Helipur® H plus N	✓	✓	✓		✓	✓		✓	✓
Stabimed® Ultra	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stabimed® fresh	✓	✓		✓	✓	✓		✓	
Helizyme®	✓	✓	✓	✓					
Cleaner N	✓	✓	✓	✓					



### Helizyme®

Enzymatic cleaner

- High performance liquid product
- For manual and semi-automatic pre-cleaning of rigid and flexible endoscopes, thermolabile and thermostable materials
- Innovative combination of a ternary surfactant system and proteolytic enzymes
- Economical due to low application concentration (1% / 5 min.)
- Very good dissolving power against organic soiling containing protein and lipids
- Very good cleaning performance on biofilms that are particularly difficult to remove
- pH neutral and fragrance free
- Gentle on materials
- Can also be used in ultrasonic baths
- Also dissolves dried-on soiling after prolonged soaking

Delivery form	Sales unit	Art. no.
1000 ml bottle	10 pcs	18557
5 liter canister	1 pc	18767



## Helipur®

Disinfection and cleaning of thermostable instruments

- Highly effective liquid disinfectant concentrate
- Suitable for all instruments and devices made of metal, glass, and ceramic
- Disinfection and cleaning can be performed in a single operation; contaminated instruments are placed directly in the working solution; manual pre- and post-cleaning are generally not required
- Works against bacteria (incl. MRSA, TBB and mycobacteria) and fungi; limited virucidal activity (incl. HBV, HCV, HIV) and effective against polyoma- and adenoviruses
- Free from aldehydes
- Use: 1.5% / 60 min., 1.5% / 15 min., 3% / 5 min. (DGHM / VAH)
- Suitable for ultrasonic baths
- DGHM / VAH and RKI listed and on the IHO Virucidal List

Delivery form	Sales unit	Art. no.
1000 ml bottle	10 pcs	18894
5 liter canister	1 pc	18895



## Helipur® H plus N

Verucidal disinfection of thermolabile materials

- Liquid concentrate with pleasant fragrance, aldehyde based
- Formaldehyde free
- Gentle reprocessing of rigid and flexible endoscopes, anesthesia accessories, and other thermolabile materials
- Very good material compatibility
- Broad spectrum of action: Bacteria (incl. MRSA, TBB and mycobacteria) and fungi; limited virucidal activity (incl. HBV, HCV, HIV) and virucidal activity
- Suitable for final disinfection of semi-critical medical devices
- Use: 1.0% / 60 min., 1.0% / 30 min., 1.5% / 15 min. (DGHM / VAH) 2.0% / 30 min, 4% / 15 min. (virucidal activity)
- Can be used in ultrasonic bath
- DGHM / VAH listed and in the IHO Virucidal List

Delivery form	Sales unit	Art. no.
1000 ml bottle	10 pcs	3891950
5 liter canister	1 pc	3892212

# Reprocessing

## Manual and automated cleaning and disinfection



### Stabimed® fresh

Rapid disinfection and cleaning

- Alkylamine-based liquid concentrate, free from aldehyde, phenol and QAV
- Fresh, pleasant fragrance
- Rapid and gentle reprocessing of surgical instruments, laboratory equipment, rigid endoscopes, anesthesia accessories, and other thermolabile materials
- Short contact time: 1.0% / 5 min. (DGHM/VAH and limited virucidal activity), 2% / 15 min., 0.5% / 60 min. (DGHM/VAH, limited virucidal and tuberculocidal activity)
- Broad spectrum of action: Bacteria (incl. MRSA, TBB) and fungi; limited virucidal activity (incl. HBV, HCV, HIV) and effective against polyomaviruses and adenoviruses
- Can be used in ultrasonic bath
- Exceptional cleaning power combined with blood and secretion dissolving power
- DGHM / VAH listed and in the IHO Virucidal List

Delivery form	Sales unit	Art. no.
1000 ml bottle	10 pcs	19689
5 liter canister	1 pc	19690





## Stabimed® Ultra

Disinfection and cleaning of thermolabile and thermostable materials

- Peracetic acid based powders for high-performance disinfection
- For disinfection of flexible endoscopes, anesthesia accessories, and other thermolabile materials
- Also suitable for all thermostable materials
- Very good material compatibility
- Very good cleaning performance
- Broad spectrum of action: Bacteria (incl. MRSA, TBB, and mycobacteria), fungi, and spores (Bacillus subtilis, Bacillus cereus, Clostridium difficile); limited virucidal activity (incl. HBV, HCV, HIV), and virucidal activity
- Suitable for final disinfection of semi-critical medical devices
- Aldehyde and phenol free, amine free
- No known incompatibilities with other active ingredient groups
- Use: 2 % / 15 min. for full spectrum of action
- DGHM / VAH listed and in the IHO Virucidal List

Delivery form	Sales unit	Art. no.
2 x 800 g bottle	6 pcs	19812
4 kg bucket	1 pc	19939

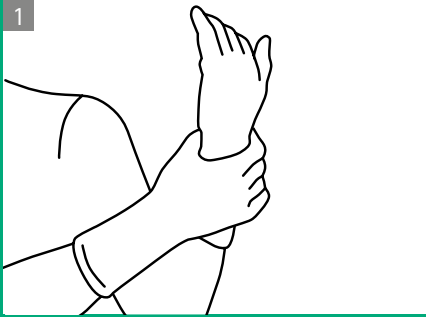
## Dosage table – For the preparation of ready-to-use disinfectant solutions

Application concentration*	0.25 %	0.5 %	1.0 %	1.5 %	2.0 %	2.5 %	3.0 %	4.0 %	5.0 %
Working solution quantity	Concentrate quantity in ml								
1 liter	2.5	5	10	15	20	25	30	40	50
2 liters	5	10	20	30	40	50	60	80	100
3 liters	7.5	15	30	45	60	75	90	120	150
4 liters	10	20	40	60	80	100	120	160	200
5 liters	12.5	25	50	75	100	125	150	200	250
6 liters	15	30	60	90	120	150	180	240	300
7 liters	17.5	35	70	105	140	175	210	280	350
8 liters	20	40	80	120	160	200	240	320	400
9 liters	22.5	45	90	135	180	225	270	360	450
10 liters	25	50	100	150	200	250	300	400	500

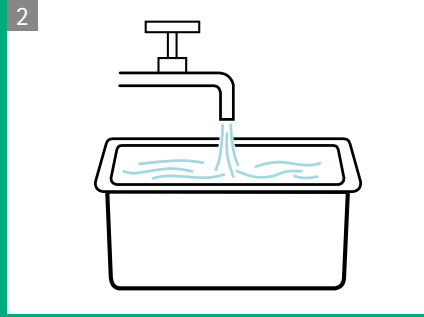
\*Dissolve the concentrate according to the table with cold water for the specified working solution.

# Practical Tip

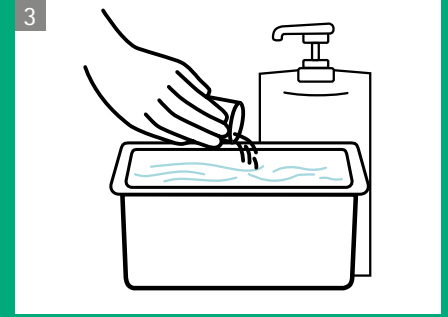
## Important when handling disinfectants and cleaning products



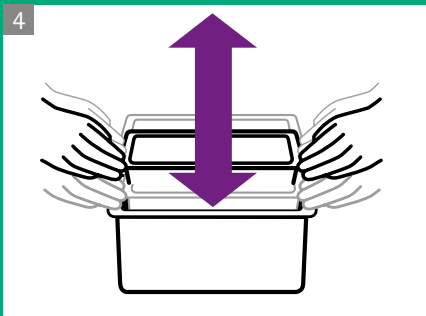
1 Put on protective gloves with long cuff. Wear a liquid-tight apron and safety glasses.



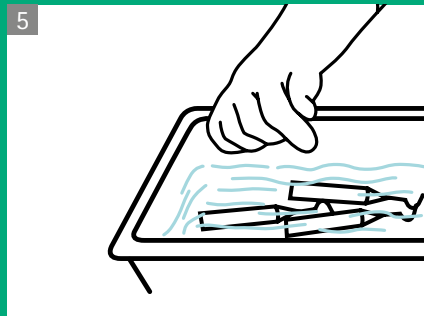
2 Fill containers, e.g., instrument bath, with cold water.\*



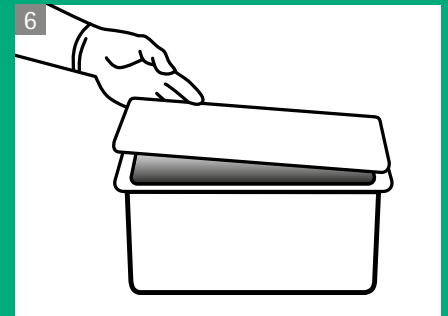
3 Measure the disinfectant with a suitable dosing system and add to the water. If required when using a powder product, wait for the agent to dissolve.



4 Move basket up and down to mix.



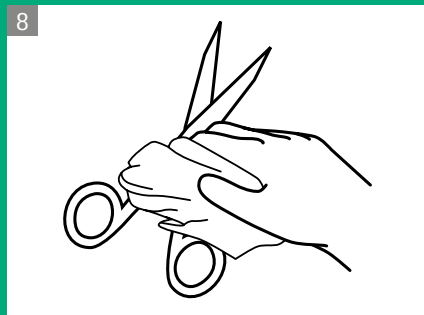
5 Place instruments and devices in solution, ensuring they are completely covered.



6 Close bottom.



7 Wait for the contact time to elapse according to the product. Caution: The contact time starts when the last instrument is placed in the solution.\*\*



8 Thoroughly rinse and dry instruments. Visually inspect cleanliness of dry instruments. Further prepare instruments/devices as required.

\* Depending on the preparation, use 2 tubs for separate cleaning and disinfection steps if necessary (perform interim rinsing).

\*\* If any remaining soiling has to be removed mechanically after the contact time has elapsed, the disinfection step must then be repeated.

# Practical Tip

## Changing the instrument disinfectant

When using instrument disinfectants over a longer period of time, it is possible that residues of the active substances will stay on the instruments and reprocessing equipment (instrument baths) or migrate into the materials in the case of soft surfaces (e.g., flexible endoscopes). When changing the reprocessing agent, these residues must be removed before using the new product so that no chemical incompatibility reactions occur.



### The following procedure is recommended:

1. Clean instruments and instrument baths, incl. reprocessing equipment, with water and a cleaning agent, e.g., Clean Helizyme®; clean flexible endoscopes with brushes according to manufacturer's recommendations.
2. Rinse thoroughly with water until there is no more foam in the rinsing water – do not forget the channels for endoscopes.
3. Rub alcohol-resistant surfaces with a cloth soaked in alcohol (e.g., 70% isopropyl alcohol).

Steps 2 and 3 are particularly advisable if the new instrument disinfectant is based on active ingredients other than the previous disinfectant. When switching from products containing aldehyde to products containing amines and vice versa, the active ingredients can react with each other and lead to reddish-brown discolorations.

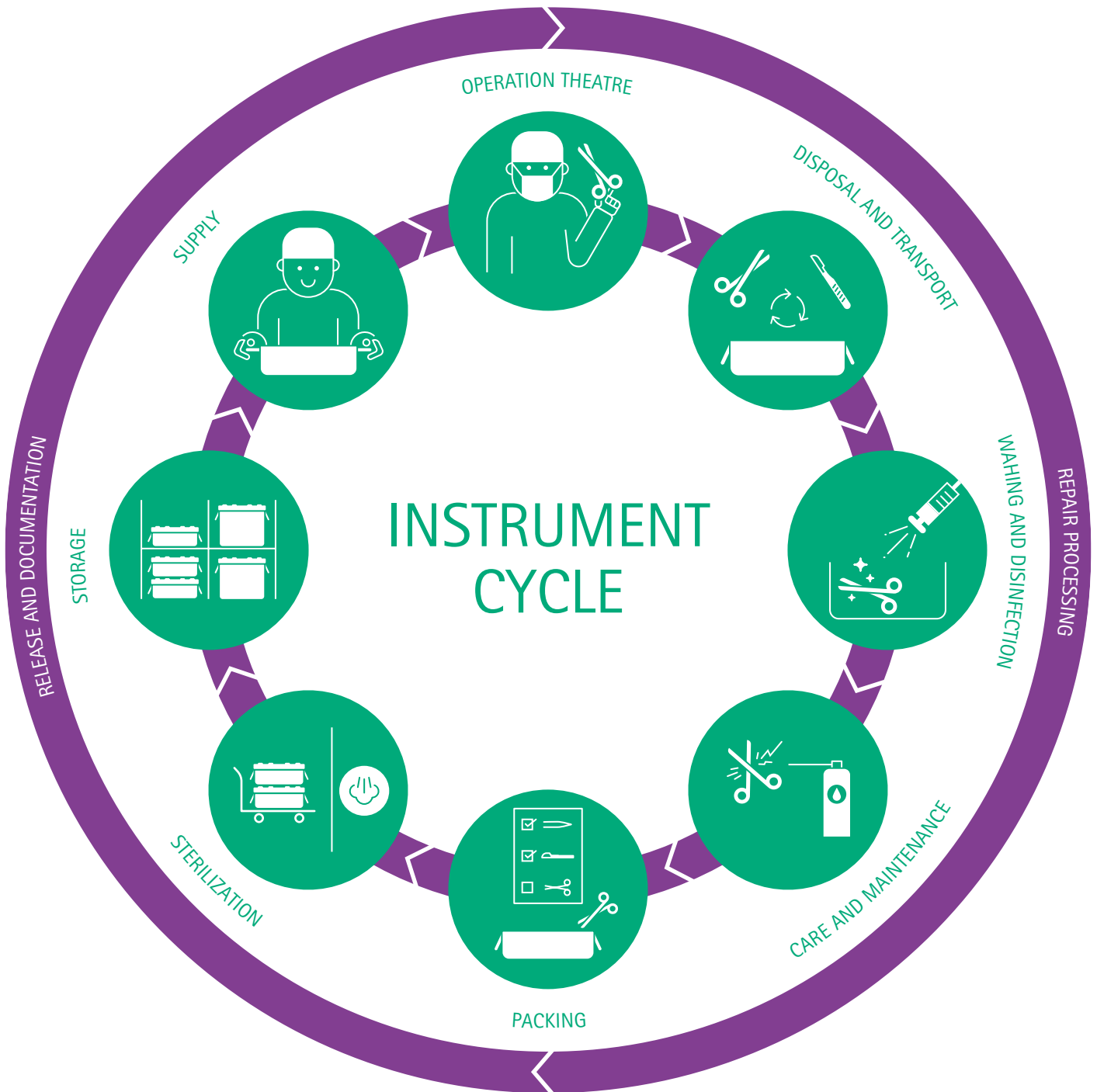
If automated reprocessing, in addition to manual disinfection, is also intended for endoscopes in the washer-disinfector, it must be ensured that all reprocessing agents (both mechanical and manual) are compatible.

The following table lists the most common names of aldehydic active substances and amines:

Active ingredient group:	Aldehydes	Amine
<b>Caution:</b> Active ingredients from the aldehyde group are not compatible with active ingredients from the amine group; thorough cleaning is necessary before changing the product!	Formaldehyde	Cocospropylenediamine
	Formacetal	Cocospropylenediamine guanidine diacetate
	Glutardialdehyde	Alkylamine
	Glutardialdehyde	Laurylpropylenediamine
	Glutaral	Dodecylbispropylenetriamine
	Glyoxal	Glucoprotamine
	1.6-dihydroxy-2.5-dioxahexane	Alkylpropylenediamine
	Methanal	Bis(aminopropyl)laurylamine
	Succinic acid dialdehyde	N-(3-aminopropyl)-N-dodecylpropane-1.3-diamine

# Instruments

## Cycle



# Instruments

## Machine cleaning and disinfection



Overview of machine instrument cleaning and disinfection	Instrument disinfection	Instrument cleaning	Rinsing	Neutralization
Helimatic® Cleaner MA		✓		
Helimatic® Cleaner enzymatic		✓		
Helimatic® Cleaner neutral		✓		
Helimatic® Neutralizer C				✓
Helimatic® Disinfectant	✓			
Helimatic® Rinse neutral			✓	



### Helimatic® Cleaner MA

Mild alkaline cleaner for automated reprocessing

- Helimatic® Cleaner MA is a mildly alkaline liquid cleaner for surgical instruments and stainless steel equipment, anesthesia accessories, plastic containers, flexible and rigid endoscopes, minimally invasive operating instruments, laboratory glass, and surgical shoes
- Very good cleaning performance using alkalis, surfactants and enzymes
- Removes very well dried and denatured blood residues
- Tailored to meet the latest challenges in hygienic safety, while being gentle on delicate instruments and materials
- Removes proteins, lipids, body fluids, and other organic substances, and reduces re-depositing

Delivery form	Sales unit	Art. no.	Example of process parameters	Conc.		
5 liter canister	1 pc	19678	Thermostable and thermolabile instruments	0.2–1.0% (2–10 ml/L)	50–60°C	10 min.
			Flexible endoscopes	0.5% (5 ml/L)	50°C	7 min.

# Instruments



## Machine cleaning and disinfection



### Helimatic® Cleaner enzymatic NF

Liquid enzymatic cleaner for reprocessing flexible endoscopes

- Liquid enzymatic cleaner
- Patented, innovative enzyme and active ingredient combination for very good cleaning performance
- Very good self-cleaning properties, especially on blood and protein contamination
- For reprocessing of thermolabile and thermostable materials
- Suitable for difficult-to-reach areas of devices with complex geometry
- pH-neutral and very gentle on plastics and metallic surfaces



Delivery form	Sales unit	Art. no.	Example of process parameters	Conc.		
5 liter canister	1 pc	18558	Standard instruments	0.1–0.5% (1–5 ml/L)	50–60°C	10 min.
			Flexible endoscopes	0.5% (5 ml/L)	50°C	7 min.



### Helimatic® Cleaner neutral

Liquid pH neutral detergent

- High-performance product for the mechanical cleaning of thermolabile and thermostable medical devices, surgical instruments, flexible endoscopes, and anesthesia materials and containers
- Innovative ternary surfactant system
- Very good cleaning power
- Foam free in all temperature ranges
- Can be used universally
- pH neutral and contains special corrosion protection components
- Gentle on sensitive materials such as nonferrous metals, color anodized aluminum, and plastics
- Subsequent neutralization step is not required

Delivery form	Sales unit	Art. no.	Example of process parameters	Conc.		
5 liter canister	1 pc	18519	Standard instruments	0.1–0.5% (1–5 ml/L)	50°C	10 min.



## Helimatic® Neutralizer C

Citric acid-based liquid neutralizing agent

- For neutralizing alkaline residues (after using Helimatic® Cleaner alkaline)
- Citric acid based
- Readily degradable
- Phosphate and surfactant free
- Can also be in addition to neutral cleaners to improve the treatment result depending on the water quality
- Application concentration: 0.05–0.3%

Delivery form

5 liter canister

Sales unit

1 pc

Art. no.

18732



## Helimatic® Disinfectant

Liquid disinfectant for flexible endoscopes and thermolabile materials

- For automatic chemothermic reprocessing
- For flexible endoscopes and other thermolabile materials
- Bactericidal, tuberculocidal, fungicidal, limited virucidal (incl. HBV, HCV, HIV), and virucidal activity
- Foam free and surfactant free
- Gentle on materials

Delivery form

5 liter canister

Sales unit

1 pc

Art. no.

18562

Example of process parameters

Flexible endoscopes

Conc.

1.0%  
(10 ml/L)



50°C



5 min.

# Instruments

## Machine cleaning and disinfection



### Helimatic® Rinse neutral NF

Neutral pH liquid rinse aid

- Rinse aid concentrate for surgical instruments, medical equipment, and containers
- For time-saving, spotless drying of metallic and tempered surfaces
- Low foam setting even in areas with high turbulence
- pH neutral
- Broad material compatibility with metals, especially nonferrous metals, color anodized aluminum, and plastics
- Used in final rinse in concentrations between 0.05 % and 0.2 %

Delivery form	Sales unit	Art. no.
5 liter canister	1 pc	18568

### Overview of automated reprocessing

	Thermal	Chemothermal
Cleaning agent	pH < 10 Helimatic® Cleaner MA	neutral pH = 7 Helimatic® Cleaner neutral Helimatic® Cleaner enzymatic
Neutralization	Helimatic® Neutralizer C	neutral pH = 7 Helimatic® Cleaner enzymatic
Rinse aid	–	Helimatic® Rinse neutral
Disinfectant	–	– Helimatic® Disinfectant





Surface

# Surface disinfection and cleaning

Overview of disinfection and cleaning of surfaces, fixtures, and equipment	Alcohol	Formaldehyde free	Free from aldehydes	Surface disinfection according to DGHM / VAH bactericidal / yeasticidal activity	Fungi (yeasticidal)	Limited virucidal activity (incl. HBV, HCV, HIV)	Limited virucidal PLUS	Virucide	Effective against TBB	Effective against MRSA	Effective against polioviruses	Effective against rotaviruses	Effective against adenoviruses	Effective against noroviruses (FCY / MNV)	Surface disinfection in accordance with IfSG § 18	Compatible with: B. Braun Wipes
Meliseptol® HBV Tissues	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		
Meliseptol® Wipes sensitive	✓	✓	✓	✓	✓	✓			✓	✓		✓		✓		
Meliseptol® rapid V	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓
Meliseptol® Foam V	✓	✓	✓	✓	✓	✓			✓	✓		✓		✓		✓
Meliseptol®	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓		✓
Hexaquant® XL		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓		✓
Hexaquant® pure		✓	✓	✓	✓	✓			✓	✓		✓	✓	✓		✓
Melsept® SF		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Meliseptol® Wipes ultra	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Meliseptol® acute	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓

**Note:** Use disinfectant safely. Always read the labeling and product information before use.

# Practical Tip

## Spray disinfection of surfaces

The use of alcohol spray disinfectants to disinfect surfaces is always a cause for discussion. The following statements can be made on this subject:

- Disinfectants are designed to kill or inactivate microorganisms and, therefore, also damage human live cells if used improperly. When alcoholic surface disinfectants are sprayed, small droplets are released into the air, which can be inhaled or settle on the skin.
- In addition to the potential health hazard, spray application of disinfectant is likely only to result in incomplete wetting of the surfaces if the surface is not subsequently wiped with a cloth.

- While spray disinfection is not prohibited, it should be minimized as far as possible in accordance with the specifications in the RKI recommendation for surface disinfection and "... should therefore be exclusively limited to areas that cannot be reached by wiping disinfection" (RKI recommendation "Hygiene requirements for cleaning and disinfection of surfaces", October 2004).
- A detailed statement on this subject was published by the Disinfectants Committee at the Association for Applied Hygiene (Verbund für Angewandte Hygiene – VAH, Questions and answers about antiseptic and chemical disinfection measures, November 2007). The statement highlights the advantages and disadvantages and concludes that:

**"Small areas which are often difficult to access ... are often underestimated in their importance as sources of infection. If used correctly, spray disinfection can be a useful replacement for or supplement to wipe disinfection."**



### Proper use involves observing the following principles:

- Spraying should not be used where wiping is possible.
- As a general rule, only small surfaces may be disinfected using spray disinfection.
- Spray as close to the surface as possible.
- After spraying, the surfaces must be wiped down until they are completely wet.
- Ensure that the rooms are adequately ventilated.
- Spray as little as possible in the areas where work continues.

The following alternatives are available from the B. Braun product range for rapid disinfection without spraying:

- **Meliseptol® Foam V**  
disinfection foam for alcohol-sensitive surfaces in the 750 ml foam spray bottle or in the 5 L canister for refilling
- **Meliseptol® Wipes sensitive**  
Ready-to-use wipes for alcohol-sensitive surfaces
- **Meliseptol® and Wipes acute**  
For alcohol-resistant surfaces
- **Meliseptol® and Meliseptol® rapid V with dosing pump**  
5 liter canister
- **Hexaquart® pure**  
Concentrate for dilution (2%; 5 minutes contact time)
- **B. Braun Wipes**  
Wipes dispenser system for filling with surface disinfectants (including alcohol based)

# Surface disinfection and cleaning

## Small surfaces



### Meliseptol® New Formula

Ready-to-use alcohol-based disinfectant for spraying or wiping

- Contains 44 g ethanol, no other additives, free of quaternary ammonium compounds, amines, and aldehydes
- Also suitable for use in the B.Braun wipes dispenser system
- Effective against bacteria (incl. MRSA, TBB, and mycobacteria), and fungi (yeastocidal activity); limited virucidal activity (incl. HBV, HCV, HIV) and effective against rotaviruses, adenoviruses, and noroviruses
- Contact time: 1 minute
- DGHM / VAH listed and in the IHO Disinfectant List

Delivery form	Sales unit	Art. no.
1000 ml bottle	10 pcs	19761
5 liter canister	1 pc	19758



### Meliseptol® Foam V

Disinfection foam for alcohol-sensitive surfaces

- Foam for rapid disinfection of medical devices and small surfaces
- Spraying does not produce aerosols
- Very good material compatibility even with alcohol-sensitive materials, such as acrylic glass, ultrasound heads, and examination tables
- Fragrance free – discreet smell
- Effective against bacteria (incl. MRSA, TBB), and fungi; limited virucidal activity (incl. HBV, HCV, HIV), and effective against rotaviruses, polyomaviruses, noroviruses, and influenza viruses
- Contact time: 1 min. (as per DGHM / VAH and limited virucidal activity)
- Also suitable for use in the food industry
- Can be used as impregnating liquid with B. Braun Wipes
- DVG listed

Delivery form	Sales unit	Art. no.
750 ml foam spray bottle	12 pcs	19798
5 liter canister	1 pc	19598



## Meliseptol® Wipes acute

For medical equipment and other alcohol-resistant surfaces

- Broad spectrum of action: bactericidal activity (including MRSA), yeasticidal, tuberculocidal, mycobactericidal activity
- Comprehensive virucidal activity: enveloped viruses (incl. HBV, HCV, HIV), and nonenveloped viruses (e.g. polio-, adeno-, noro-, and polyomaviruses)
- Contact time: 1 minute
- Free from amines, quaternary ammonium compounds, aldehydes
- Fragrance free

### Notes

- Wipe surfaces so that they are completely wetted with the active ingredient solution. Surfaces must not be rubbed dry.
- Use disinfectant safely. Always read the labeling and product information before use.

Delivery form	Sales unit	Art. no.
Meliseptol® Wipes acute XL, flowpack, 42 wipes	6 pcs	180256
Meliseptol® Wipes acute 100, flowpack, 100 wipes	6 pcs	180255



## Meliseptol® Wipes sensitive

Disinfectant wipes for sensitive surfaces

- Soft, ready-to-use wipes (15.2 x 20 cm ) for rapid disinfection of ultrasound heads and other alcohol-sensitive surfaces
- Impregnated with Meliseptol® Foam pure
- Very good material compatibility
- Soft, lint-free fleece quality, prevents scratching of sensitive surfaces
- Rapid effectiveness, including against polyomaviruses
- Dermatologically tested \*
- Aldehyde and amine free; dye free and fragrance free
- Impregnating liquid DGHM / VAH listed and in the IHO Virucidal List

### Notes

- Wipe surfaces so that they are completely wetted with the active ingredient solution. Surfaces must not be rubbed dry.
- Use disinfectant safely. Always read the labeling and product information before use.

Delivery form	Sales unit	Art. no.
Meliseptol® Wipes sensitive, dispenser box, 60 wipes	12 pcs	19582
Meliseptol® Wipes sensitive, refill pack, 60 wipes	12 pcs	19530
Holder for Meliseptol® Wipes sensitive dispenser box	1 pc	3908397
Meliseptol® Wipes sensitive XL, flowpack, 42 wipes	6 pcs	19893
Meliseptol® Wipes sensitive 100, flowpack, 100 wipes	6 pcs	19894

# Surface Disinfection and Cleaning

## Small surfaces



### Meliseptol® acute

Ready-to-use alcoholic surface disinfectant

- For medical equipment and other alcohol-resistant surfaces
- Broad spectrum of action: bactericidal activity (including MRSA), yeasticidal, tuberculocidal, mycobactericidal activity
- Comprehensive virucidal activity: enveloped viruses (incl. HBV, HCV, HIV), and nonenveloped viruses (e.g. polio-, adeno-, noro-, and polyomaviruses)
- Contact time: 1 minute
- Free from amines, quaternary ammonium compounds, aldehydes
- Fragrance free
- Can be used as impregnating liquid with B. Braun wipes
- VAH listed and on the IHO Disinfectant List

Delivery form	Sales unit	Art. no.
Meliseptol® acute, bottle, 1000 ml	10 pcs	180244
Meliseptol® acute, canister, 5 L	1 pc	180245



### Meliseptol® Wipes ultra

Non-alcoholic, virucidal disinfectant wipes

Ready-to-use wipes for cleaning and disinfecting alcohol-sensitive medical devices, fixtures, and small surfaces

- Alcohol-free, ready-to-use wipes (14 x 20 cm) for cleaning and disinfecting alcohol-sensitive medical devices and small surfaces
- Suitable for final disinfection of ultrasound probes with mucosal contact
- Bactericidal and yeasticidal, virucidal activity (including polio-, adeno-, polyomaviruses, as well as HBV, HCV, HIV, and influenza viruses)
- Good cleaning performance thanks to non-fixing ingredients
- Contact time: 2 min.

Delivery form	Sales unit	Art. no.
Meliseptol® Wipes ultra, dispenser, 100 wipes	12 pcs	19810

# Pre-impregnated disinfectant wipes and wipe dispenser systems



## B. Braun Wipes

Refillable fleece wipes dispenser

Refillable fleece wipes dispenser with absorbent and lint-free fleece wipes for disinfecting surfaces

- Dispenser system with gray lid for filling with approx. 2.5 liters of disinfectant solution
- Convenient dispensing of the individually tearable B. Braun Wipes
- Resealable lid protects against contamination and evaporation of solution

Fleece wipes made of synthetic fleece material that safely release the disinfectant onto the surface to be disinfected, size 19 x 36 cm

- B. Braun Wipes ECO, fleece roll with 120 wipes  
Can be combined with B. Braun surface disinfectants  
(see product information B. Braun Wipes and B. Braun Wipes ECO).

Delivery form	Sales unit	Art. no.
Dispenser system with gray lid (without fleece roll), large	1 pc	19873
Fleece roll ECO 120 wipes	6 pcs	19726

# Pre-impregnated disinfectant wipes and wipe dispenser systems



## B. Braun Wipes mini

Small refillable fleece wipes dispenser system

Refillable wipes dispenser with absorbent and lint-free fleece wipes for disinfecting surfaces

- Wipes dispenser for filling with approx. 0.7 liters of disinfectant solution
- Wipes roll with 60 dry wipes
- Synthetic fleece material, size 15 x 20 cm

Tested with B. Braun surface disinfectants

(see product information B. Braun Wipes mini ECO).

Delivery form	Sales unit	Art. no.
Dispenser system with gray lid (without fleece roll), small	12 pcs	19874
Roll of fleece mini ECO 60 wipes	12 pcs	19725

## Can be combined with B. Braun Disinfectant

The B. Braun products listed in the table can be combined with the B. Braun Wipes dispenser system. B. Braun Wipes fleece wipes do not take up the disinfectant agent; they release it onto the surface to be disinfected.

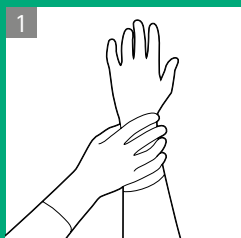
The disinfectant and / or cleaning agent that is used to fill the dispenser must be compatible with the B. Braun Wipes dispenser system and the B. Braun Wipes fleece rolls. Contact the manufacturer of the disinfectant and cleaning agent for confirmation of compatibility.

B. Braun product	Minimum concentration	Contact time	Shelf life of the prepared working solution
Hexaquart® pure	0.5%	60 min.	4 weeks
Hexaquart® XL	0.5%	60 min.	4 weeks
Melsept® SF	1.0%	60 min.	2 weeks
Meliseptol® acute	Concentrated	1 min.	4 weeks
Meliseptol® Foam V	Concentrated	1 min.	4 weeks

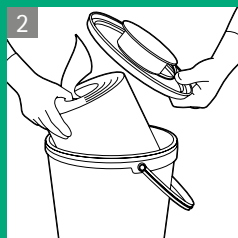


# Practical Tip

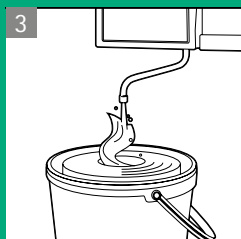
## Use and reprocessing of wipes dispenser systems



1 Only fill completely clean, disinfected, dry, and undamaged wipes dispenser systems. Carry out hygienic hand disinfection and wear protective gloves and, if necessary, safety glasses.



2 Remove the fleece roll from the packaging and insert it into the wipes dispenser system. The start of the roll of wipes (first wipe) is in the middle and must point upwards.

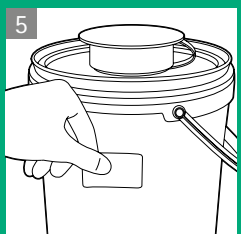


3 In circular motions, impregnate the roll from inside to outside with an adequate amount of ready-to-use disinfectant solution. This ensures even wetting of the fleece wipes. The corresponding filling quantities for the wipes dispenser systems can be found on the respective product labels.

Wait 10 minutes until the fleece roll is completely saturated.<sup>1</sup>



4 Pass the first wipe through the opening of the dispenser. Firmly press on the lid until it clicks into place and discard the first wipe. Then close the protective cap of the wipes dispenser system.



5 Fully label the sticker and adhere it on the B. Braun wipes dispenser system so that it is clearly visible.

The service life of the soaked wipes is up to 28 days. For further information, please refer to the product information.



<sup>1</sup> For information on combinable B. Braun disinfectants and minimum concentrations, please refer to the product information of the respective B. Braun wipes.

# Surface Disinfection and Cleaning

## Large surfaces

### Hexaquart® XL

Aldehyde-free surface disinfectant (concentrate)

- For disinfecting and cleaning equipment and floors
- Very good cleaning power and material compatibility
- Works against bacteria (incl. MRSA, mycobacteria), and fungi (yeasticidal)
- Limited virucidal PLUS (enveloped viruses plus adeno-, noro-, and rotaviruses)
- Short contact times
- Can be used in B. Braun Wipes wipe dispenser system
- DGHM / VAH listed and in the IHO Disinfectant List



Delivery form	Sales unit	Art. no.
1000 ml bottle	10 pcs	19940
5 liter canister	1 pc	19941

### Hexaquart® pure

Aldehyde- and amine-free concentrate

- Concentrate for combined disinfection and cleaning of equipment and floors
- Aldehyde free and amine free
- Rapid disinfection (5 min.) possible
- Effective against bacteria (incl. MRSA, TBB) and fungi; limited virucidal activity (incl. HBV, HCV, HIV) and effective against polyoma- and noroviruses
- Good material compatibility with the most frequently used materials in flooring and equipment
- Use: 0.5% / 15 min., 1.0% / 5 min. (DGHM / VAH and limited virucidal activity)
- DVG / DGHM / VAH listed and in the IHO Virucidal List



Delivery form	Sales unit	Art. no.
1000 ml bottle	10 pcs	19942
5 liter canister	1 pc	19943



## Melsept® SF

Formaldehyde free, for all medical risk areas

- Aqueous concentrate for combined cleaning and disinfection of floors / equipment
- Can be used in the medical and food sectors
- Effective against bacteria (incl. MRSA, TBB), fungi and limited virucidal activity (incl. HBV, HCV, HIV)
- Formaldehyde free
- Material compatibility with commonly used flooring materials, such as PVC, rubber, and linoleum
- Use: 0.5% / 60 min., 2% / 15 min. (DGHM / VAH, limited virucidal activity and effective against rota-, adeno-, and polyomaviruses) 2.0% / 2 hours (virucidal activity)
- DVG / DGHM / VAH listed and in the IHO Virucidal List

Delivery form	Sales unit	Art. no.
1000 ml bottle	10 pcs	18906
5 liter canister	1 pc	18907

# Practical Tip

## Floor cleaning and disinfection



Manufacturers of floor coverings or the applied seals or coatings must provide **information on cleaning and disinfection measures** and the products to be used, especially if these are installed or used in medical areas.

- **Product names do not** have to be mentioned; information such as "all aqueous products listed by the VAH" or "surface disinfectants with a pH value of up to 10" can also be given or suitable or unsuitable groups of active ingredients, or similar, can also be named.
- We are **not aware** of any **fundamental restrictions on the use of our surface disinfectants** on the floor materials rubber, PVC, linoleum or vinyl.
- **Regular cleaning** must be carried out to **remove residues**, especially when using products based on quaternary ammonium compounds, which are not volatile, but stay on surfaces.
- The **cleaning intervals** must be determined depending on the selected application concentrations and the frequency of disinfection (recommendation: at least once a week).
- **Cleaning should be carried out with a neutral cleaner:** apply with cold water (up to 25°C) according to the manufacturer's instructions, apply to the floor, observe the contact time and **soak up the dissolved substances and moisture with a dry or wrung-out cloth.**
- **Without regular cleaning**, there is a risk that disinfectant agents will build up on the surfaces and over time form a **solid bond with dirt and dust, which is almost impossible to remove.**

- **Discolorations or adhesive effects that occur** are usually caused by non-disinfectant-resistant seals or inadequate cleaning measures.
- When **changing surface disinfectants**, cleaning with a neutral cleaner as described above is also necessary in order to prevent interactions between different disinfectant agents.

# Gloves



# Medical and protective gloves

## Properties

### Strengths and weaknesses of glove materials

	Natural rubber latex	Polyisoprene	Nitrile rubber	Polyvinyl chloride
Comfort	****	****	**	*
Grip	****	****	***	**
Tear resistance	****	****	***	*
Piercing resistance	**	**	****	*
Elasticity	800%	800%	600%	300%
Food safety compliance	***	****	****	*
Chemical resistance	***	***	****	**

#### Natural rubber latex

Vulcanized natural rubber latex is highly elastic, has tear-resistance properties, a non-sticky surface and high abrasion resistance. Even if the material is pierced, it seals itself to a certain extent due to its crosslinked and highly elastic structure. Because of these properties, natural rubber latex gloves continue to be used in medical procedures, healthcare provision and in laboratories.

#### Latex allergy

Nearly 10% of latex glove users and 2–3% of patients develop hypersensitivity to latex proteins. Allergic reactions, such as rash, hives, redness, itching, symptoms of the eyes, nose and sinuses, asthma, and (rarely) anaphylactic shock are increasingly reported, especially among healthcare professionals.

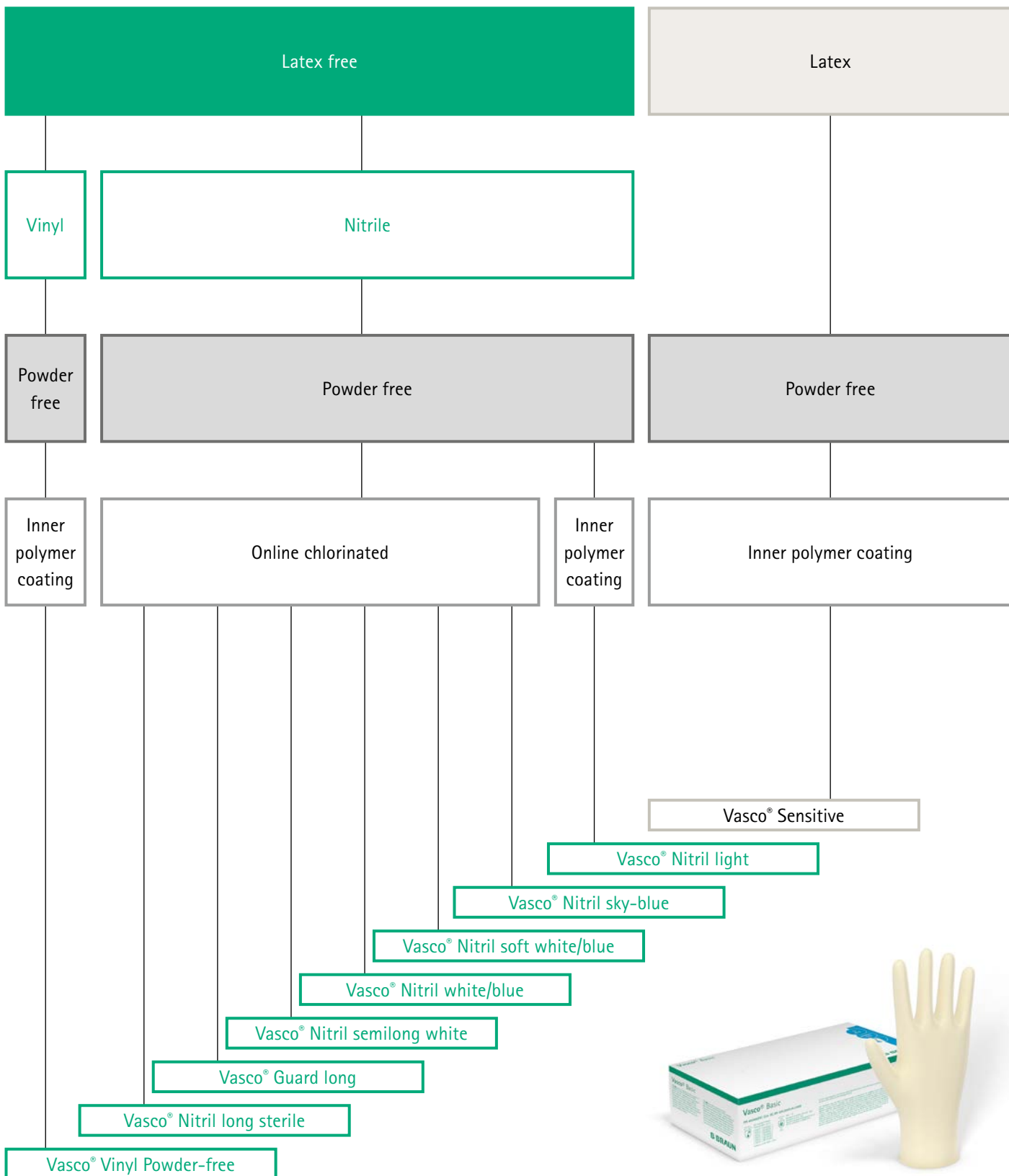
#### Powder-free latex gloves

The highest risk of sensitization exists when glove powder transports latex protein particles into the lungs and wounds via the air. As a protective measure, occupational health and safety organizations in many countries have banned powdered latex gloves. Thanks to modern technologies, synthetic coatings have been developed for easy donning, replacing the glove powder and reducing the likelihood of sensitization.

**To avoid allergic reactions, B. Braun strongly advises against using powdered latex gloves.**



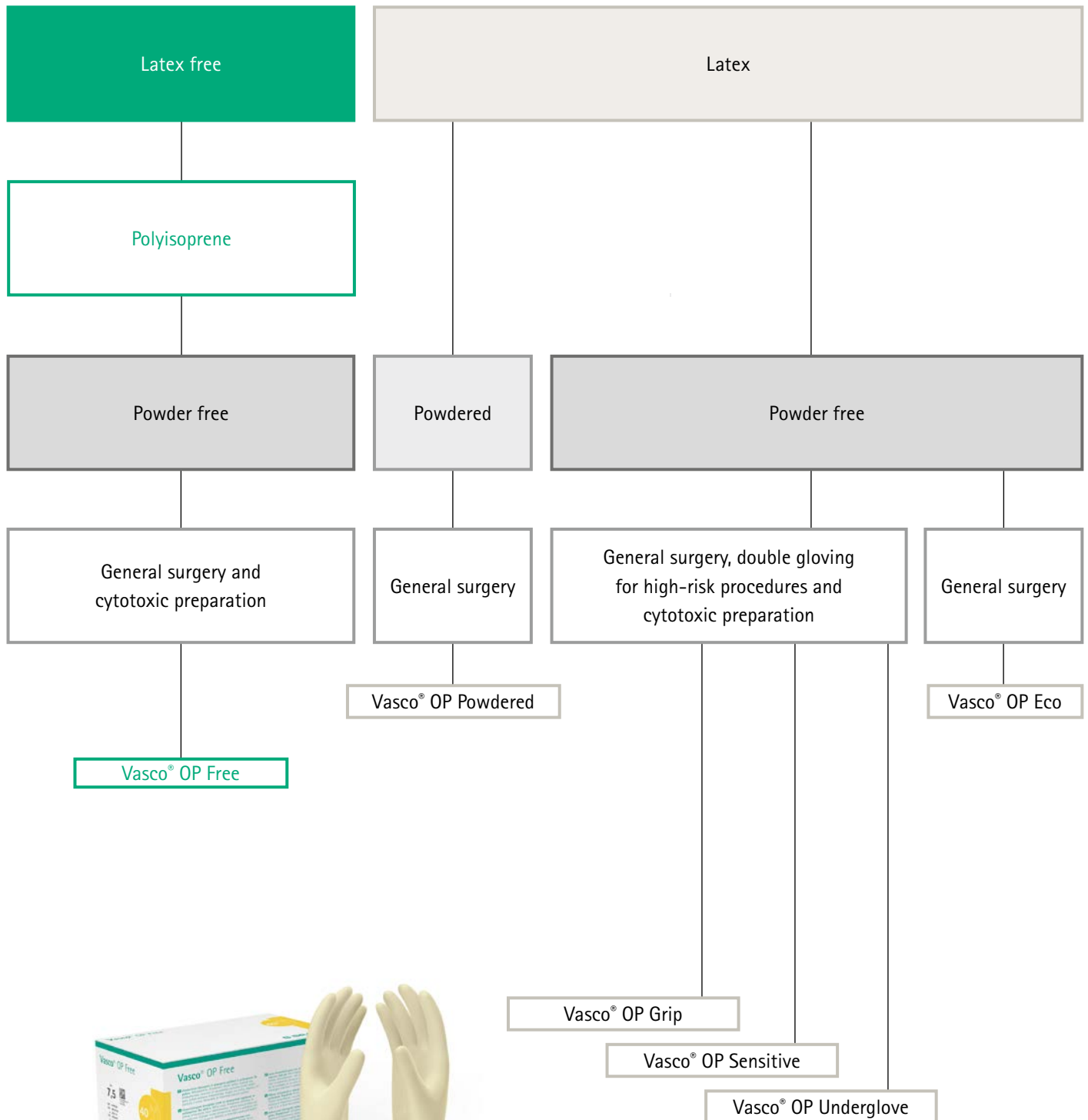
# Examination and protective gloves



Last updated: February 7, 2024



# Surgical gloves and protective gloves



# Surgical gloves and protective gloves

Natural rubber latex / polyisoprene, powder free, anatomically shaped, sterile



## Vasco® OP Underglove

Green latex surgical indicator gloves

- Sterile green latex surgical indicator gloves with rolled edge
- Medical surgical glove according to MDD 93/42/EEC (Class IIa)
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III)
- Powder free
- AQL: 0.65

Size	Sales unit	Art. no.
5.5	40 pairs	6081199
6	40 pairs	6081200
6.5	40 pairs	6081218
7	40 pairs	6081226
7.5	40 pairs	6081234
8	40 pairs	6081242
8.5	40 pairs	6081259
9	40 pairs	6081267

## "Double gloving" increases your personal safety

Wearing one pair of surgical gloves over the top of another pair (double gloving) during surgery reduces the risk of infections for healthcare professionals and patients.

Double gloving allows outer glove perforations to be identified quickly and significantly reduces the risk of inner glove perforation. If the green Vasco® OP Underglove is combined with a second

Vasco® OP glove, a dark area will appear immediately if fluid enters the outer glove.

The green color of the underglove makes allows quick identification of a perforation and the glove can be changed immediately.





### Vasco® OP Sensitive

- Sterile natural white latex surgical gloves with rolled edge
- Medical surgical glove according to MDD 93/42/EEC (Class IIa)
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III)
- Powder free
- AQL: 0.65

Size	Sales unit	Art. no.
5.5	40 pairs	6080990
6	40 pairs	6081002
6.5	40 pairs	6081010
7	40 pairs	6081029
7.5	40 pairs	6081037
8	40 pairs	6081045
8.5	40 pairs	6081053
9	40 pairs	6081060

# Surgical gloves and protective gloves

Natural rubber latex, powder free, anatomically shaped, sterile



## Vasco® OP eco

- Sterile standard latex surgical gloves with rolled edge
- Medical surgical glove according to MDD 93/42/EEC (Class IIa)
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III)
- Powder free
- AQL: 0.65

Size	Sales unit	Art. no.
5.5	40 pairs	6081308
6	40 pairs	6081316
6.5	40 pairs	6081324
7	40 pairs	6081332
7.5	40 pairs	6081340
8	40 pairs	6081359
8.5	40 pairs	6081367
9	40 pairs	6081375



## Vasco® OP Grip

- Sterile natural white latex surgical gloves with rolled edge
- Medical surgical glove according to MDD 93/42/EEC (Class IIa)
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III)
- Powder free
- Extra grip
- AQL: 0.65

Size	Sales unit	Art. no.
5.5	40 pairs	6081409
6	40 pairs	6081417
6.5	40 pairs	6081425
7	40 pairs	6081433
7.5	40 pairs	6081441
8	40 pairs	6081450
8.5	40 pairs	6081468
9	40 pairs	6081476

Latex free, powder free, anatomically shaped, sterile



### Vasco® OP Free

- Sterile, latex-free surgical glove made of high-quality polyisoprene with rolled edge
- Medical surgical glove according to MDD 93/42/EEC (Class IIa)
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III)
- Powder free
- AQL: 0.65

Size	Sales unit	Art. no.
5.5	40 pairs	9208291
6	40 pairs	9208305
6.5	40 pairs	9208313
7	40 pairs	9208321
7.5	40 pairs	9208330
8	40 pairs	9208348
8.5	40 pairs	9208356
9	40 pairs	9208364

# Guide for donning and doffing of

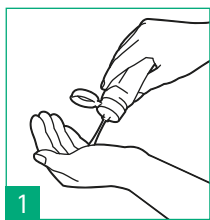
## Of sterile surgical and protective gloves

This guide shows a possible variation of donning and doffing.

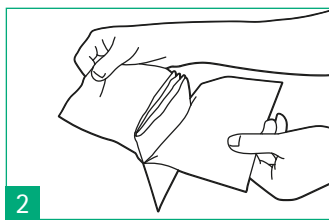
### Indications

- Preoperative and invasive nursing procedures<sup>1</sup>
- When sterility is required when handling medical devices or other materials

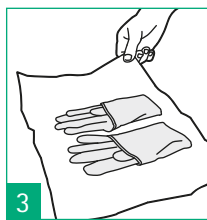
### Donning instructions<sup>2</sup>



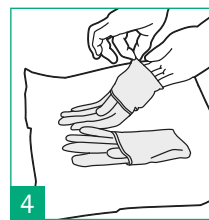
1 Perform hygienic hand disinfection before donning sterile gloves.



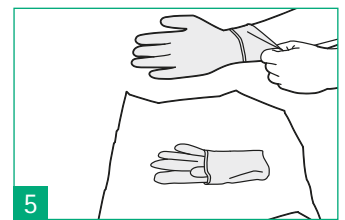
2 Check that the packaging is intact. Open the nonsterile outer packaging completely so that the sterile inner packaging can be placed on a clean and disinfected work surface without touching it.



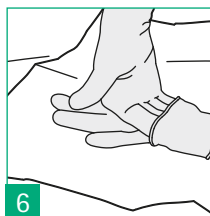
3 Open the packaging by carefully grasping the corners and opening it out.



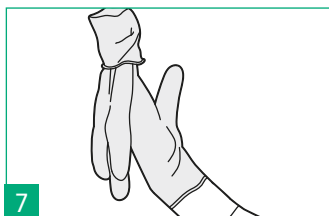
4 Take the first glove, holding the folded cuff with your thumb and index finger.



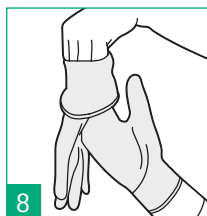
5 Pull the glove up over the other hand to the wrist in one movement.



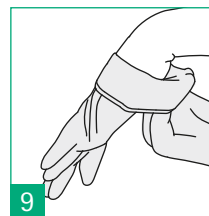
6 Take the second glove by sliding the fingers of the gloved hand into the folded cuff.



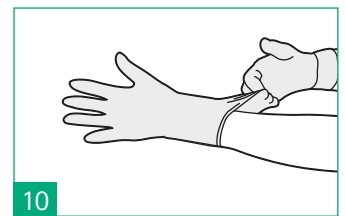
7 Put on the second glove in a single movement, avoiding any contact of the skin with the sterile outer surfaces.



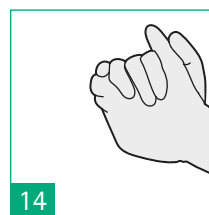
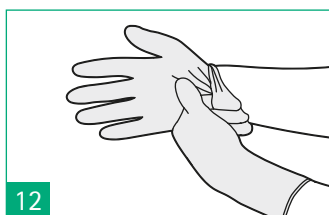
8 If necessary, adjust the fingers incl. spaces in between until the gloves fit correctly.



9 Insert the fingers of the completely gloved hand into the still folded cuff of the other hand and carefully unfold it.



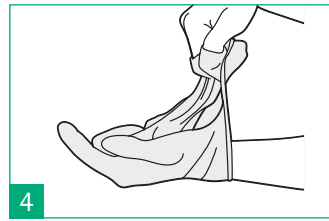
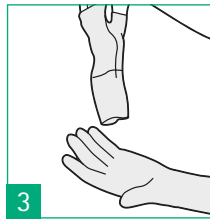
10 Gloved hands may only touch sterile medical devices and surfaces as well as the previously disinfected skin area.



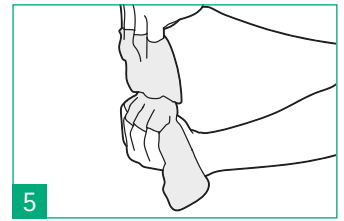
## Doffing instructions<sup>2</sup>



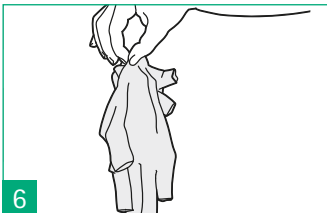
1 Remove the first glove by pulling it off with the fingers of the other hand. Take the glove off by rolling it from the inside out to the second finger joint (do not take it off completely).



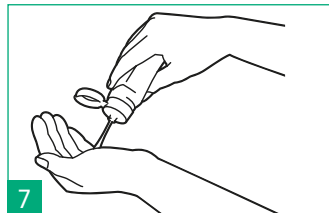
4 Hold the cuff of the half-removed glove with the other hand. Remove the other glove by grabbing the cuff with the fingers of the partially gloved hand.



5 Remove the glove by turning it inside out. Ensure that the unprotected skin only comes into contact with the inside of the glove.



6 Dispose of the resulting glove ball (the inside of the gloves is now on the outside) directly into a waste container.



7 Finally, perform hygienic hand disinfection.

---

### Notes / recommendations

- In surgical procedures with an increased risk of perforation and/or surgical procedures on patients with an increased risk of infection, double gloving with an indicator system is recommended for the surgical team whenever possible<sup>1</sup>
  - Natural latex-free surgical gloves should be worn for surgeries on patients at increased risk for developing a latex allergy (especially spinabifida, urogenital malformations, and esophageal atresia)<sup>1</sup>
- 

#### Sources

<sup>1</sup> KRINKO recommendation: "Hand Hygiene in Healthcare Facilities", Section 6.1 "Disposable Medical Gloves and Protective Gloves", RKI (ed.)  
<sup>2</sup> World Health Organization, WHO Guidelines on Hand Hygiene in Health Care, 2009, ISBN 978-92-4-159790-6

# Examination and protective gloves

## Nitrile, ambidextrous, nonsterile



### Vasco® Nitril sky-blue

- Nonsterile nitrile examination glove with rolled edge, 240 mm
- Powder free, latex free, thiuram free
- Medical examination glove according to EU Medical Devices Regulation 2017/745 (Class I), EN 455
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III); EN ISO 21420:2020
- AQL: < 1.5

Size	Sales unit	Art. no.
XS	100 pcs	9203902
S	100 pcs	9203910
M	100 pcs	9203929
L	100 pcs	9203937
XL	100 pcs	9203945

Size	Sales unit	Art. no.
XS	150 pcs	9206502
S	150 pcs	9206510
M	150 pcs	9206529
L	150 pcs	9206537
XL	135 pcs	9206545



You can find the appropriate holders for our examination and protective gloves on p. 72.



### Vasco® Nitril light

- Nonsterile, lavender blue examination glove with rolled edge, 240 mm
- Powder free, latex free, thiuram free
- Latex-free polymer inner coating
- Medical examination glove according to EU Medical Devices Regulation 2017/745 (Class I)
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III); EN 420:2003+A1:2009
- AQL: < 1.5

Size	Sales unit	Art. no.
XS	100 pcs	9207708
S	100 pcs	9207716
M	100 pcs	9207724
L	100 pcs	9207732
XL	90 pcs	9207740





### Vasco® Nitrile Blue

- Nonsterile nitrile examination glove with rolled edge, 240 mm
- Powder free, latex free, thiuram free
- Medical examination glove according to EU Medical Devices Regulation 2017/745 (Class I), EN 455
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III); EN 420:2003+A1:2009
- AQL: 1.0

#### Note

Also available in white on request.

Size	Sales unit	Art. no.
XS	150 pcs	9209809
S	150 pcs	9209817
M	150 pcs	9209825
L	150 pcs	9209833
XL	135 pcs	9209841



### Vasco® Nitril Soft blue

- Nonsterile blue nitrile butadiene examination glove with rolled edge, 240 mm
- Powder free, latex free, thiuram free
- Extra soft
- Medical examination glove according to EU Medical Devices Regulation 2017/745 (Class I)
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III); EN 420:2003+A1:2009
- AQL: 1.0

#### Note

Also available in white on request.

Size	Sales unit	Art. no.
XS	200 pcs	9201107
S	200 pcs	9201115
M	200 pcs	9201123
L	200 pcs	9201131
XL	180 pcs	9201149

# Examination and protective gloves

## Examination gloves with extended sleeves



### Vasco® Nitril semilong white

- Nonsterile white nitrile butadiene examination glove with extended sleeves, 265 mm
- With rolled edge
- Powder free, latex free, thiuram free
- Medical examination glove according to EU Medical Devices Regulation 2017/745 (Class I), EN 455
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III); EN 420:2003+A1:2009
- AQL: 1.0

Size	Sales unit	Art. no.
XS	150 pcs	9205944
S	150 pcs	9205945
M	150 pcs	9205946
L	150 pcs	9205947
XL	135 pcs	9205948



### Vasco® Guard long

- Nonsterile blue nitrile butadiene examination gloves with rolled edge
- Extra long: 290 mm
- Powder free, latex free, thiuram free
- Medical examination glove according to EU Medical Devices Regulation 2017/745 (Class I), EN 455
- Protective glove in accordance with PPE Regulation (EU) 2016/425 (Cat. III); EN 420:2003+A1:2009
- AQL: 1.0

Suitable for laboratory use. The extended cuffs and increased wall thicknesses give the gloves protection against a wide range of critical chemicals and cytostatic drugs. For resistance, please refer to the corresponding data sheet on our website.

Size	Sales unit	Art. no.
XS	100 pcs	9205500
S	100 pcs	9205518
M	100 pcs	9205526
L	100 pcs	9205534
XL	90 pcs	9205542



## Manuplast® Vet

Examination gloves specially designed for large animals

- Lightweight material for a better feel
- Very soft due to the addition of EVA (polyethylene glycol (PE), ethylene vinyl acetate (EVA))
- Smooth surface, easy to don and doff
- Powder free, free from plasticizers and latex proteins

Type	Length	Wall thickness	Color	Sales unit	Art. no.
Manuplast® Vet	90 cm	22 µm	Transparent orange	100 pcs	6075100

# Guide for donning and doffing of

## Medical examination and protective gloves

As a basic principle, wearing medical examination gloves and protective gloves does not replace hand disinfection!<sup>1</sup>  
This guide shows a possible variation of donning and doffing.

Please observe the hygiene requirements of your facility.

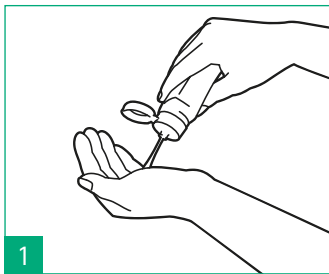
### Indications

- Foreseeable or likely contact with bodily fluids, secretions, and excretions, including pathogens, or surfaces likely to be contaminated<sup>2,3,4,5</sup>
- When handling disinfectants or other chemicals (protective gloves according to DIN EN 420, DIN EN 374)<sup>2</sup>

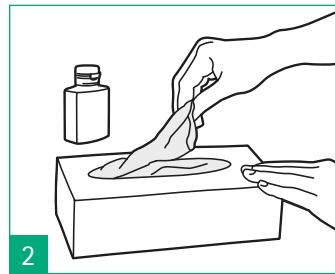
### Removal / change interval

- In the event of visible perforations
- In case of contamination with blood, secretions, or excretions
- After each patient
- After completing the activity. Changing gloves correlates with the indications of hand disinfection, e.g., when changing from unclean to clean activities (see also "5 Moments of Hand Hygiene" as per WHO).<sup>2,3,4</sup>

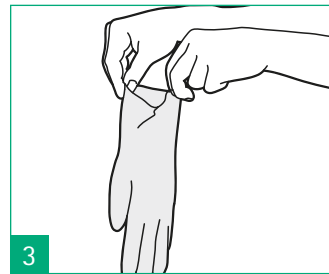
## Donning instructions<sup>4</sup>



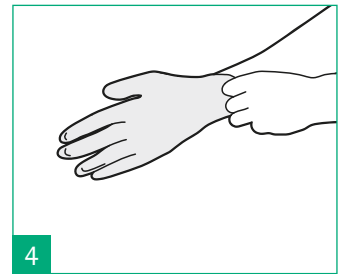
1 Carry out hygienic hand disinfection before donning protective gloves.



2 First, remove a glove from the dispenser box.



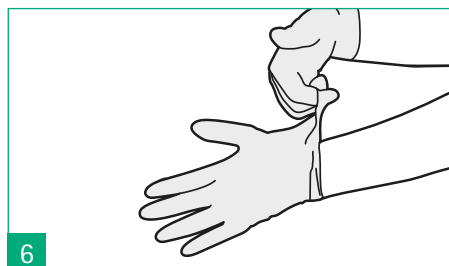
3 Grasp the glove at the top edge of the cuff.



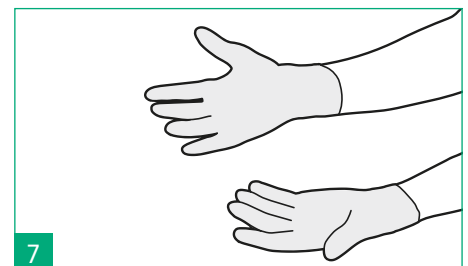
4 Hold the glove by the top edge of the cuff and shape it into the correct fit. Be careful not to overstretch the glove to avoid possible tearing.



5 Remove the second glove from the dispenser box.

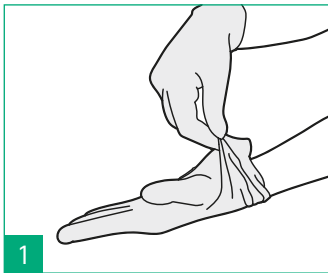


6 Put on the second glove, avoiding contact of the forearm with the already gloved hand by sliding the fingers of the gloved hand over the outside under the cuff edge of the second glove.

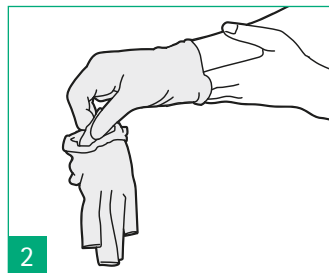


7 Before starting work, check that the gloves are correctly fitted and adjust them if necessary, without touching exposed skin. Check the gloves for visible perforations.

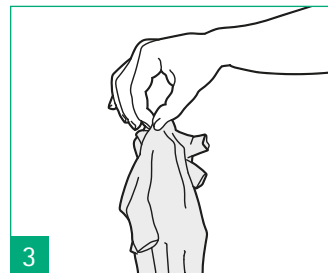
## Doffing instructions<sup>4</sup>



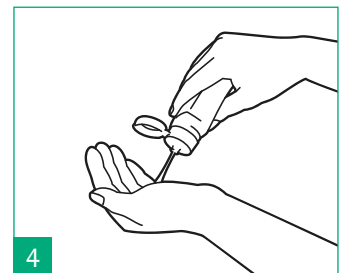
Squeeze the first glove at the level of the wrist without touching the skin of the forearm. Then pull it off your hand, and turn it inside out.



Hold the first removed glove in the second hand, which is still gloved, and place the fingers of the now "naked" hand between the glove and the wrist. Remove the second glove by sliding it down your hand and turning it inside out. The first glove is rolled up at the same time.



Dispose of the resulting glove ball (the inside of the gloves is now outside) directly into a waste container.



Then carry out a hygienic hand disinfection.

---

### Notes / recommendations

- The wearing of artificial / gel / painted fingernails, (wedding) rings, and any jewelry on hands and forearms is prohibited.<sup>5</sup>
  - Make sure hands are clean and completely dry before donning gloves.<sup>1,5</sup>
  - Select the right size for you in advance:
    - To improve comfort and tactile sensitivity
    - To avoid overstretching and possible tearing of the glove if size is too small<sup>4</sup>
- 

#### Sources

<sup>1</sup> Robert Koch Institute, Disposable Medical Gloves and Protective Gloves: Indication and Disinfection, 07/01/2019, accessed: 05/05/2020 at <https://www.rki.de/DE/Content/Infekt/Krankenhaushygiene/ThemenAZ/H/Handschuhe.html>

<sup>2</sup> KRINKO recommendation: "Hand Hygiene in Healthcare Facilities", Section 6.1 "Medical Disposable Gloves and Protective Gloves", RKI (ed.)

<sup>3</sup> KRINKO recommendation "Infection Prevention in the Context of the Care and Treatment of Patients With Communicable Diseases", RKI (ed.), Section 2.2 "Barrier Measures"

<sup>4</sup> World Health Organization, WHO Guidelines on Hand Hygiene in Health Care, 2009, ISBN 978-92-4-159790-6

<sup>5</sup> TRBA 250 Biological Agents in Healthcare and Welfare, March 2014 edition, 4. Amendment dated 05/02/2018, GMBI No. 15, published at: [www.baua.de](http://www.baua.de)



# Accessories



**Softaskin®**  
Mild wash lotion  
Milde Waschlotion  
Mia nacoos sa wene  
Jemná mycí emulze  
Loción de lavado suave  
Lotion douce de lavage  
Folyékony szappan  
Lauonc detergente delicata  
Maigs mazgāšanas losjons  
Milde waslotion  
Lagodna emulsija myjača  
Sabão de lavagem suave  
Soluție de spălat fină  
Jemná umývacia emulzia  
Blag losjon za umivanje

23.09.22

**B BRAUN**

**Promanum® pure**  
Lösung zur Anwendung  
auf der Haut  
Ethanol 73,4 % und  
2-Propanol (Ph. Eur.) 10,0 %

**Händedesinfektionsmittel**  
bakterizid (inkl. Mykobakterien),  
fungizid, begrenzt viruzid, inaktiviert  
Rota-, Adeno und Noroviren (MNV)  
innerhalb der hygienischen Hände-  
desinfektion (30 Sekunden).

ohne Parfüm  
ohne Farbstoffe

Anbruch: **01.10.22**  
Nach Anbruch des Behälters 12 Monate verwend-  
bar, jedoch nicht über das Verfallsdatum hinaus.  
Verwendbar bis:  
Ch.-B.:

**B BRAUN**

# Accessories



## Extraction pump for canister

Dosing pump for 5 liter canister

- Dosing aid for 5 liter canister

Delivery form	Sales unit	Art. no.
Dosing pumps for 5 liter canister 15 ml stroke	1 pc	3908478
Dosing pumps for 5 liter canister 20 ml stroke	1 pc	3908479



## Dosing pump

Specially designed for hygienic extraction from 500 ml and 1000 ml bottles

- With check valve
- Approx. 2 ml output quantity per stroke

Delivery form	Sales unit	Art. no.
Dosing pump for 500 ml bottle	1 pc	3908380
Dosing pump for 1000 ml bottle	1 pc	3908381



## Measuring cup

For accurate dosing

### Screw-on doser

- Screw-on measuring cup for 1000 ml bottles
- 5 ml to 20 ml scale in 5 ml increments

### Measuring cup

- Size: 50 ml
- Scaling in 10 ml increments
- For dosing surface and instrument disinfectants

Delivery form	Sales unit	Art. no.
Screw-on doser	1 pc	3908422
Measuring cup 50 ml	1 pc	3908046





### Instrument bath

Convenient aid for instrument disinfection

- Baths for 2 liters and 10 liters as required
- With removable basket insert
- No unpleasant odors thanks to tight-fitting lid
- Liter marking printed on the side

Delivery form	Sales unit	Art. no.
2 liters (L / W / H 32.5 x 17.6 x 15.0 cm) Internal dimensions of the basket (27.5 / 12.5 / 12.0 cm)	1 pc	3908259
10 liters (L / W / H 53.0 x 32.5 x 15.0 cm) Internal dimensions of the basket (45.5 / 16.8 / 12.5 cm)	1 pc	3908267



### Discharge stopcock

For convenient decanting

- For convenient and economical decanting from 5 liter canisters

Delivery form	Sales unit	Art. no.
Discharge stopcock for 5 liter canister	1 pc	3908477

### Canister spanner

For easier opening of 5 liter canisters

- For 5 liter canisters
- For easy opening



Delivery form	Sales unit	Art. no.
Canister spanner for 5 liter canister type "Marwin" (black)	1 pc	3908187

# Accessories



## Spray heads

For spraying alcohol-based surface and skin disinfectants

- Red: for Meliseptol® and Meliseptol® rapid
- White: for Softasept® N

Delivery form	Sales unit	Art. no.
Meliseptol® / Meliseptol® rapid spray pumps (red)	1 pc	6510094
Softasept® N spray pumps (white)	1 pc	3908012



## Stainless steel wall bracket

For Meliseptol® Wipes sensitive

- Creates space and free work surfaces
- Easy to clean and disinfect

Delivery form	Sales unit	Art. no.
Stainless steel wall bracket	1 pc	3908397



## Flowpack wall mount

For Meliseptol® Wipes sensitive 100 & XL & acute

- Made of aluminum
- To be mounted on walls
- Free running holder lowers with each time a wipe is removed, making it very hygienic
- Creates space and free work surfaces
- Guide rail for the lid secures the flowpack
- Easy to clean and disinfect

Delivery form	Sales unit	Art. no.
Flowpack mount	1 pc	3908470



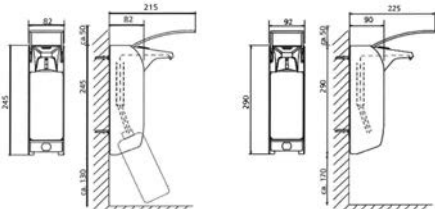
## Wall dispenser Plus

Hygienic dispensing, precise dosing, and easy cleaning

- With arm lever operation
- Control lever in two different lengths
- Aluminum housing
- Autoclavable (except plastic pump and back plate)
- Plastic or stainless steel pump
- Easy and fast pump cleaning thanks to removal from front
- Adjustable dosage approx. 0.75 ml / 1.0 ml / 1.5 ml depending on the viscosity of the filling product
- Includes flexible sealing cap to prevent evaporation
- Suitable for all standard 500 ml and 1000 ml containers
- Additional two replaceable clips (disinfection / wash lotion)
- Suitable for dispensing skin care lotions
- Optional accessories: Collection tray, signal frames and angle plates
- Optional single-use pump: Reprocessing of the plastic or stainless steel pump is not necessary.

Wall dispenser Plus ELS

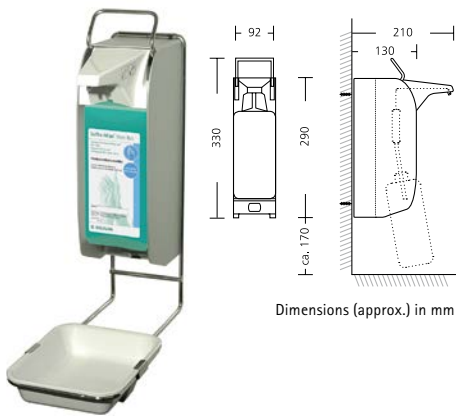
Wall dispenser Plus TLS



Optional accessories on request

Delivery form	Dosing pump	Sales unit	Art. no.
Wall dispenser Plus	Stainless steel	1 pc	1418894
ELS long arm 500 ml (AH approx. 170 mm visible lever length)	Plastic	1 pc	4400114
Wall dispenser Plus	Stainless steel	1 pc	1418895
TLS long arm 1000 ml (AH approx. 170 mm visible lever length)	Plastic	1 pc	4400115
Wall dispenser Plus	Stainless steel	1 pc	1418893
E short arm 500 ml (AH approx. 100 mm visible lever length)	Plastic	1 pc	4400010
Wall dispenser Plus	Stainless steel	1 pc	1418892
T short arm 1000 ml (AH approx. 100 mm visible lever length)	Plastic	1 pc	4400009A
Replacement pump 500 ml for wall dispenser Plus E / ELS	Stainless steel	1 pc	4400006
	Plastic	1 pc	4400008
Replacement pump 1000 ml for wall dispenser Plus T / TLS	Stainless steel	1 pc	4400005
	Plastic	1 pc	4400007
Collection tray for 500 ml		1 pc	3908232
Collection tray for 1000 ml		1 pc	3908240

# Accessories



## Touchless dispenser

Sensor-controlled contactless hand hygiene

- Increased hygiene standard thanks to contactless hand hygiene (sensor control technology)
- Aluminum housing
- Stainless steel pump
- Easy and quick reprocessing of the pump thanks to removal from front
- Adjustable dosing volume in three increments (0.75 ml, 1.0 ml, and 1.5 ml per stroke)
- 4-stage battery status display incl. automatic signaling when the battery is due to be replaced
- Suitable for all commercially available 1000 ml containers
- Includes flexible sealing cap to prevent evaporation
- Emergency lever for manual operation when the battery is empty

Delivery form	Sales unit	Art. no.
Touchless dispenser system for 500 ml (touchless dispenser incl. collection tray)	1 pc	4400774
Touchless dispenser system for 1000 ml (touchless dispenser incl. collection tray)	1 pc	3908403

## Stainless steel wall brackets

For hand hygiene products



- Sturdy stainless steel wall bracket
- Available in two sizes: 500 ml / 1000 ml
- **Dimensions of 500 ml:**  
H / W / D: 15.2 cm / 6 cm / 6.45 cm, diameter of opening for bottleneck: 3.3 cm
- **Dimensions of 1000 ml:**  
H / W / D: 19.0 cm / 8 cm / 8.30 cm, diameter of opening for bottleneck: 3.3 cm
- Mounted using screw set or double-sided adhesive tape (included):
- **500 ml variant:**  
1 adhesive pad approx. 56 mm x 90 mm, one mounting set 2 / 2 (stainless steel screws)
- **1000 ml variant:**  
1 adhesive pad approx. 68 mm x 90 mm, one mounting set 2 / 2 (stainless steel screws)
- Wall bracket is disinfected using surface disinfectant
- Autoclavable
- Arm lever optional (short / long)

Delivery form	Sales unit	Art. no.
Wall bracket for 500 ml bottles	1 pc	3908339
Wall bracket for 1000 ml bottles	1 pc	3908340

# Practical Tip

## Wall dispenser reprocessing

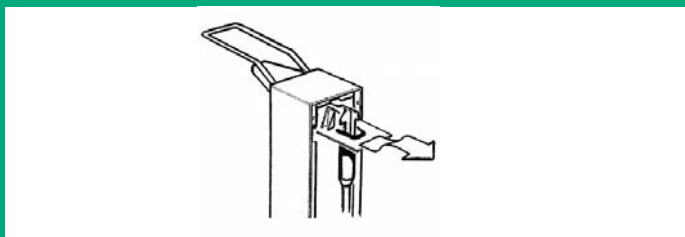
### Wall dispenser ELS, TLS, E, T

For removing washing lotions and disinfectants;  
no skin care lotions



#### Rear pump removal

- To remove the pump, hold the wall dispenser control lever in the upper position and lift the plastic pump slightly and pull it out to the rear / pull the stainless steel pump out to the rear.



- To insert the pump, hold the control lever in the upper position and slide the pump into the dispenser. Avoid touching the riser pipe. Otherwise, wipe the riser pipe with a disposable cloth soaked in hand disinfectant before inserting the new container.

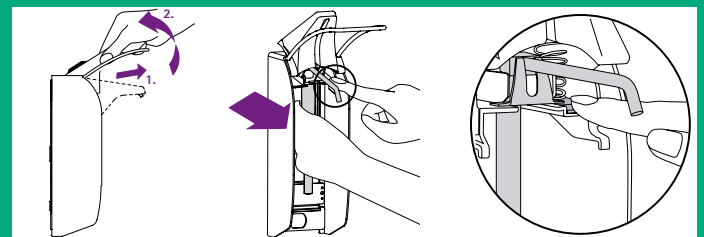
### Wand dispenser ELS, TLS, E, T PLUS

For removing washing lotions, disinfectants and  
skin care lotions



#### Removing the pump by removal from front

- First pull the outlet cover forwards slightly and then swivel it upwards. Press and hold the pump lock with your finger and pull the pump out toward the front.



- To insert the pump, slide it in from the front until it engages. Avoid touching the riser pipe. Otherwise, wipe the riser pipe with a disposable cloth soaked in hand disinfectant before inserting the new container. Lower the outlet cover again.

#### Dismantling the wall dispensers (applies to all models)

- Remove the bottle from the dispenser.
- If necessary, remove the screw (a) securing the dispenser to the wall bracket.
- Remove the dispenser housing from the wall bracket. To do this, press the locking tab of the wall bracket and slide the dispenser upwards and out.

# Practical Tip

## Wall dispenser reprocessing

### Every work day

- Rapid surface disinfection of the control lever

### Weekly or in case of visible soiling

- Use a soft, lint-free disposable cloth to remove adhesions / drips from the dispenser around the outlet and then disinfect this area and the dispenser housing with a rapid surface disinfectant.

### Manually cleaning and disinfection of the housing and pump (all models)

- Regular reprocessing is required to ensure flawless functioning of the pump / dispenser. The scope and frequency must be defined in in-house hygiene plans.
- Wipe the riser pipe for the pump with a soft, lint-free disposable cloth.
- Clean the dosing pump under hot running water, focusing particularly on the outlet. The silicone membrane of the pump can be removed for this purpose.
- Clean the dispenser housing under hot running water. Remove stubborn residues and dirt using a suitable brush.
- Dry the dosing pump and the dispenser housing with a pathogen-free soft, lint-free disposable cloth.
- Wipe the dispenser housing, rear wall, and dosing pump with a suitable rapid surface disinfectant, e.g. Meliseptol®.
- Assemble dispenser, pump through alcoholic disinfectant 20 x and collect in a container.
- Insert the desired product and pump through another 20 times. Collect the liquid in a container.
- The dispenser is ready for use.

### Automated reprocessing of housings in washer-disinfector (all models)

- Before automated reprocessing, check whether the reprocessing agents and process parameters used are compatible with the items to be washed (aluminum corrosion).
- Reprocess the housing in the washer-disinfector with a pH-neutral cleaning agent.
- Manually reprocess the pump as described above.

#### Wall dispenser ELS, TLS, E, T

##### Steam sterilization

- If required, the dispensers and stainless steel pumps can be autoclaved at 121°C, 2 bar, max. 20 min. holding time.

#### Wall dispenser ELS, TLS, E, T PLUS

##### Steam sterilization

- If required, the dispensers and stainless steel pumps incl. sealing cap can be autoclaved at 134°C, 3 bar, max. 20 min. holding time.

- Plastic pumps, powder-coated dispensers, bottles, and plastic back plates are not autoclavable.
- Thoroughly clean the dispenser and pumps before using them again if they are not in use for an extended period of time, e.g., during vacation.

We would like to point out that damage to the wall dispenser caused by incorrect handling of the wall dispenser or due to replacing with products from manufacturers other than B. Braun may render the warranty provided by B. Braun Melsungen AG null and void.



## Clips

Portable hand hygiene

### Crocodile clip

- For 100 ml bottle of hand sanitizer
- For when you're on-the-go or for disinfecting your hands at your patient's bedside
- Clip can be easily attached to a pocket or clothing
- Convenient

### Jojo clip

- Retractable clip for 100 ml bottle of hand sanitizer
- Clip is easy to attach
- Recoil spring is specially designed for the weight of a 100 ml bottle
- For when you're on-the-go or for disinfecting your hands at your patient's bedside
- Convenient

Delivery form	Sales unit	Art. no.
Crocodile clip for 100 ml bottles	50 pcs	3908191
Jojo clip for 100 ml bottles	50 pcs	3908409

# Wall brackets for gloves



## Wall bracket for gloves

- Wall bracket for holding examination glove dispenser boxes
- Stainless steel, brushed
- Internal dimensions: S: 215 x 112 x 70 mm, L: 250 x 130 x 78 mm
- S – suitable e.g., for: Vasco® Nitril light, Vasco® Vinyl, and Vasco® Powdered (100 pcs / pack)
- L – suitable for: Vasco® Nitril (150 pcs / pack), Vasco® Nitril white, and Vasco® Guard long, Vasco® Sensitive (100 pcs / pack)

Size	Sales unit	Art. no.
S	1	9209503
L	1	9209511



## TRIO wall bracket for gloves

- Material: Stainless steel incl. mounting material
- TRIO version – maximum dimensions of the dispenser boxes: 250 x 130 x 90 mm (L x W x H): suitable for: Vasco® Nitril (150 pcs / pack), Vasco® Sensitive (100 pcs / pack), Vasco® Basic (100 pcs / pack), Vasco® Nitril Soft (200 pcs / pack), Vasco® Nitril sky-blue (200 pcs / pack)
- TRIO long version – maximum dimensions of the dispenser boxes: 265 x 114 x 73 mm (L x W x H): suitable for: Vasco® Guard long

Size	Sales unit	Art. no.
TRIO	1	2607790965
TRIO long	1	2607703602



## QUATRO wall bracket for gloves

- Material: Stainless steel incl. mounting material
- QUATTRO version – maximum dimensions of the dispenser boxes: 250 x 130 x 90 mm (L x W x H): suitable for: Vasco® Nitril (150 pcs / pack), Vasco® Sensitive (100 pcs / pack), Vasco® Basic (100 pcs / pack), Vasco® Nitril Soft (200 pcs / pack), Vasco® Nitril sky-blue (200 pcs / pack)
- QUATTRO long version – maximum dimensions of the dispenser boxes: 265 x 114 x 73 mm (L x W x H): suitable for: Vasco® Guard long



















Size	Sales unit	Art. no.
QUATRO	1	2607703600
QUATRO long	1	2607703601



# Users information



# Overview of accessories

	Art. no.	Type	Height	Page
	3908479	Dosing pump 5 liter canister 20 ml stroke	20 ml	64
	3908478	Dosing pump 5 liter canister 15 ml stroke	15 ml	64
	3908187	Spanner for 5 liter canister		65
	3908477	Discharge stopcock for 5 liter canister		65
	3908422	Suction tube doser 20 ml	20 ml	64
	3908046	Measuring cup 10-50 ml	10-50 ml	64
	4400774	Touchless dispenser 500 ml (with collection tray)		68
	3908403	Touchless dispenser 1000 ml (with collection tray)		68
	1418894	Wall dispenser Plus ELS long arm 500 ml	500 ml	67
	1418895	Wall dispenser plus TLS long arm 1000 ml	1000 ml	67
	1418893	Wall dispenser plus E short arm 500 ml	500 ml	67
	1418892	Wall dispenser plus T short arm 1000 ml	1000 ml	67
	3908232	500 ml collection tray	500 ml	67
	3908240	1000 ml collection tray	1000 ml	67
	3908339	Stainless steel wall bracket for hand hygiene products 500 ml		68
	3908340	Stainless steel wall bracket for hand hygiene products 1000 ml		68
	3908460	Opener for Stabimed® Ultra bucket 4 kg		65
	3908470	Flowpack mount		66

	500 ml	1000 ml	5 L	4 kg	Flowpack	Lifosan® products	Softaskin® products	Softa-Man® products	Promanum® products	Trixo® products	Softasept® products	Helizyme® products	Stabimed® products	Helipur® products	Helimatic® products	Meliseptol® products	Hexaquart® products	Melsept® products	Stabimed® Ultra	Meliseptol® Wipes Sensitive FP/ Ultra FP
			✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
			✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
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				✓															✓	
					✓															✓

# These products can be combined

		Surface						Instruments						
		Melseptol® SF	Hexaquart® XL	Melseptol® HBV Wipes	Melseptol® acute	Melseptol® Foam V	Melseptol® Wipes sensitive / acute	Hexaquart® pure	Helipur® H plus N	Stabimed® fresh	Helipur®	Stabimed® Ultra	Cleaner N	Helizyme®
Surface	Melseptol® SF	✓	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓
	Hexaquart® XL	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓
	Melseptol® HBV Wipes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Melseptol® acute	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Melseptol® Foam V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Melseptol® Wipes sensitive / acute	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Hexaquart® pure	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Instruments	Helipur® H plus N	✓	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓
	Stabimed® fresh	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓
	Helipur®	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Stabimed® Ultra	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Cleaner N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Helizyme®	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

# Cleaning and disinfection plan (example)

What Clean or disinfect	How Type of application	With what Work equipment (e.g., disinfectant)	When Time, frequency, sequence of hygiene measures	Additional info Remarks	Who performs the measure?
Hand hygiene	Hand cleaning	Softaskin® pure	At the start and end of work, after going to the toilet and if hands are visibly soiled, if it is suspected there are bacterial spores / parasites after previous hand disinfection. Wet hands with water and wash with approx. 3 ml Softaskin® pure for at least 1 minute, then rinse thoroughly and dry.	From the wall dispenser	Veterinary medical staff
	Hand disinfection Hygienic hand disinfection 30 sec. Surgical hand disinfection 90 sec.	Softa-Man® pure	Moisten hands and forearms with approx. 3 ml and keep moist for the minimum contact time before and after patient contact / immediate patient environment, before aseptic activities, after contact with potentially infectious material, before entering risk areas, between two surgical procedures.	From the wall dispenser	Veterinary medical staff
	Hand care	Trixo®-lind	As needed.	From the wall dispenser	Veterinary medical staff
	medical Single-use examination gloves	Vasco® Nitril Sky-Blue	In the event of contact with potentially infectious material, or contact with infectious patients.	-	Medical staff, cleaning staff
Patient's skin	Disinfection before injections / punctures 15 sec.	Softasept® N	Apply Softasept® N to the patient's skin prior to injections / punctures, or blood collection (e.g., with a swab).	From the spray bottle	Veterinary medical staff
	Pre-surgery disinfection 2.5 min.	Braunoderm®	Using a sterile swab soaked in Braunol® and sterile grain forceps, rub the surgical area from the inside to the outside, observe the contact time, and repeat the process a total of 3 times.	From the spray bottle	Veterinary medical staff
Patient's wound	Wound cleansing and moistening	ProntoVet® Solution and Gel	Irrigating wounds and cavities, loosening dried-on dressings (ProntoVet® Solution), moistening dressings, and moist wound coverage (ProntoVet® Gel).	-	Veterinary medical staff
Instruments	Cleaning and disinfection in a cleaning bath 1% / 5 min.	Stabimed® fresh	After arriving from the operating room (max. 2 hrs temporary storage in the reprocessing room), completely immerse in solution, fill existing working channels, never leave in solution overnight or over the weekend.	Observe dosing table for possible concentrations and contact times	Medical staff
	Disposal of pointed, sharp, and fragile objects	Medibox® 3 L	When it accumulates, dispose of waste immediately, ensuring it is securely enclosed.	-	Medical staff, cleaning staff
Surfaces	Operating elements of technical devices	Meliseptol® Wipes sensitive	At the end of consultations, if there is visible contamination with blood, feces, urine, etc. Wet the surface completely. Observe contact time of 60 seconds.	-	Medical staff, cleaning staff
	Disinfecting smaller surfaces (e.g., table) Undiluted / 60 sec.	Meliseptol® Wipes acute	Continually; at least before and after use, fully wet surface and allow it to work; can also be used for sensitive materials (ultrasound heads, shaving heads, acrylic glass)!	-	Medical staff, cleaning staff
	Cleaning and disinfection of large surfaces (e.g., cage, floor) 0.5% / 1 hour	Hexaquant® pure	As required; at least before use; Wipe cage or floor with a cloth soaked in disinfectant solution 1 x daily, and allow the residual solution to work.	Observe dosing table for possible concentrations and contact times; replace solution in bucket at least 1 x daily	Medical staff, cleaning staff

# Recommendation examples

## Veterinary practice / clinic

		What?	Waiting room / staff rooms	Treatment rooms	Ultrasound / x-ray
Hands		Washing	Softaskin® pure	Softaskin® pure	Softaskin® pure
		Hygienic hand disinfection	Softa-Man® pure	Softa-Man® pure	Softa-Man® pure
		Surgical Hand Disinfection	-	Promanum® pure	-
		Virucidal hand disinfection	-	Softa-Man® acute	-
		Skin care products	Trixo®-lind pure	Trixo®-lind pure	-
Protective clothing		Med. single-use examination gloves	-	Vasco® Nitril light	Vasco® Nitril Sky-Blue
		Sterile surgical gloves	-	-	-
Skin		Skin disinfection	-	Softasept® N	-
		Wound antisepsis	-	ProntoVet® Solution / Gel	-
Instruments & medical equipment	Manual	Manual cleaning / disinfection of instruments	-	-	-
		Ultrasonic bath	-	-	-
		Manual cleaning / disinfection (endotracheal tubes, breathing tube)	-	-	-
		Manual cleaning / disinfection of flexible endoscopes	-	-	-
		Instrument care	-	-	-
		Disposal of sharp objects	-	Medibox®	-
	Automatic	(B. Braun products from the Helimatic® line) Please contact the manufacturer of your reprocessing unit directly.			
Surfaces		Treatment table	Meliseptol® Wipes acute	Meliseptol® Wipes acute	-
		External surfaces: furniture, worktops, handles	Meliseptol® Wipes acute	Meliseptol® Wipes acute	-
		Operating elements of technical devices	-	Meliseptol® Wipes acute	-
		Ultrasound probes / heads	-	-	Meliseptol® Wipes ultra
		Work surfaces	-	-	Meliseptol® Wipes acute
		Smooth floor, with visible spot contamination (only on small areas)	Meliseptol® Wipes acute	Meliseptol® Wipes acute	-
		Smooth floor, every workday	Hexaquart® pure	Hexaquart® pure	-
		Wash basins	Meliseptol® Wipes acute	Meliseptol® Wipes acute	-
		Animal cages, in case of visible spot contamination (only on small areas)	-	-	-
		Animal cages, after each patient	-	-	-

Operating room	Laboratory	Reprocessing	Ward
Softaskin® pure	Softaskin® pure	Softaskin® pure	Softaskin® pure
Softaskin® pure	Softaskin® pure	Softaskin® pure	Softaskin® pure
Promanum® pure	-	-	-
Softa-Man® acute	-	-	Softa-Man® acute
Trixo®-lind pure	Trixo®-lind pure	Trixo®-lind pure	Trixo®-lind pure
-	Vasco® Guard long	Vasco® Guard long	Vasco® Nitril Sky-Blue
Vasco® OP Grip	-	-	-
Softasept® N	Softasept® N	-	Softasept® N
ProntoVet® Solution / Gel	-	-	ProntoVet® Solution / Gel
-	-	Helipur®	-
-	-	Helipur®	-
-	-	Helipur® H plus N	-
-	-	Helipur® H plus N / if necessary + Cleaner N (cleaning booster)	-
-	-	Sterilit®	-
Medibox®	Medibox®	Medibox®	-
Meliseptol® Wipes acute	Meliseptol® Wipes acute	Meliseptol® Wipes acute	Meliseptol® Wipes acute
Meliseptol® Wipes acute	Meliseptol® Wipes acute	Meliseptol® Foam V	Meliseptol® Wipes acute
Meliseptol® Wipes sensitive	Meliseptol® Wipes sensitive	Meliseptol® Wipes sensitive	Meliseptol® Wipes sensitive
-	-	-	-
-	-	-	-
Meliseptol® Wipes acute	Meliseptol® Wipes acute	Meliseptol® Wipes acute	Meliseptol® Wipes acute
Hexaquart® pure	Hexaquart® pure	Hexaquart® pure	Hexaquart® pure
Meliseptol® Wipes acute	Meliseptol® Wipes acute	Meliseptol® Wipes acute	Meliseptol® Wipes acute
-	-	-	Meliseptol® Wipes acute
-	-	-	Hexaquart® pure

# Overview of Products

For hands and skin

Product	Indications															
	Hand disinfection	Hand disinfection gel	Hand / skin cleaning	Hand / skin care	Body cleansing	Nasal vestibule cleaning	Nasopharyngeal irrigation	Cleaning of urology catheter and PEG probe entry ports	Personal care	Dye-free hand hygiene	Fragrance-free hand hygiene	For sensitive skin	For normal skin	Skin disinfection	Mucosal antiseptics	Wound treatment / therapy
Softa-Man® ViscoRub	●	●								●	●	●	●			
Softa-Man® acute	●									●	●	●	●			
Softa Man®	●									●		●	●			
Softa-Man® pure	●									●	●	●	●			
Promanum® pure	●									●	●	●	●			
Softaskin®			●		●					●		●	●			
Lifosan® soft			●		●								●			
Lifosan® pure			●		●					●	●	●	●			
Trixo®				●					●	●			●			
Trixo®-lind				●					●	●		●	●			
Trixo®-lind pure				●					●	●	●	●	●			
Softasept® N														●		
Braunoderm®														●		
Braunol®														●	●	●
Braunovidon® Ointment																●
LavaSurge®																●
B. Braun alcohol pads			●													
ProntOral®							●									
Prontosan® Wound Spray								●								●



Scope of action

Disinfectant active ingredient Application

Bacteria	Tuberculosis bacteria	MRSA	Fungi	Limited virucidal activity (incl. HBV, HCV, HIV)	Limited virucidal PLUS	Virucidal	HBV/HIV	Noroviruses (FCV / MNV)	Alcohols	Polyhexanide	Povidone-iodine	Ready-to-use	pH value of the ready-to-use solution	Concentrate to be diluted	Application concentration (DGHM / VAH)	Contact time (DGHM/VAH)	Application concentration / contact time (IFSG § 18)
●	●	●	●	●			●	●	●			●			Conc.	Hyg. HD 30 sec.	
●	●	●	●	●	●	●	●	●	●			●			Conc.	Hyg. HD 30 sec.	60 sec.
●	●	●	●	●			●		●			●			Conc.	Hyg. HD 30 sec.	
●	●	●	●	●			●		●			●			Conc.	Hyg. HD 30 sec.	
●	●	●	●	●	●		●	●	●			●			Conc.	Hyg. HD 30 sec.	
												●	5.0				
												●	5.0				
												●	5.0				
												●	6.0				
												●	6.0				
												●	6.0				
●	●	●	●	●			●		●			●			Conc.	From 15 sec.	
●	●	●	●				●		●		●	●	3.7		Conc.	From 15 sec.	
●	●	●	●				●				●	●	5.7		Conc.	From 15 sec.	
●	●	●	●								●	●					
●		●								●		●					
									●			●	6.5				
●		●								●		●					
●		●								●		●					

# Overview of Products

For instruments and surfaces

Product	Indications													Scope of action				
	Surface disinfection	Cleaning of surfaces	Equipment	Large surfaces	Small surfaces / rapid disinfection	Sanitation of extraction systems and amalgam separators	Instrument disinfection	Instrument cleaning	Disinfection of hemodialysis machines	Bedpan reprocessing	For metal, glass, ceramic	For thermolabile products	For flexible endoscopes	Bacteria	Tuberculosis bacteria	MRSA	Spores	Fungi
Helipur®							●	●			●			●	●	●		●
Helipur® H plus N							●				●	●	●	●	●	●		●
Stabimed® ultra							●	●			●	●	●	●	●	●	●	●
Stabimed® fresh							●	●			●	●		●	●	●		●
Helizyme®								●			●	●	●					
Cleaner N								●			●	●	●					
Helimatic® Rinse neutral NF								●			●							
Helimatic® Cleaner neutral								●			●	●						
Helimatic® Cleaner alkaline								●	●		●							
Helimatic® Neutralizer C								●			●							
Helimatic® Cleaner MA								●			●	●	●					
Helimatic® Cleaner enzymatic NF								●			●	●	●					
Helimatic® Disinfectant							●				●	●	●	●	●	●		●
Helimatic® Latriniser									●	●								
Tiutol® dent for dental applications						●								●	●	●		●
Meliseptol® HBV Tissues	●		●		●									●	●	●		●
Meliseptol® Wipes sensitive	●	●	●		●									●	●	●		●
Meliseptol® acute	●		●		●									●	●	●		●
Meliseptol® Foam pure	●	●	●		●									●	●	●		●
Meliseptol®	●		●		●									●	●	●		●
Hexaquant® XL	●	●	●	●	●									●	●	●		●
Hexaquant® pure	●	●	●	●	●									●	●	●		●
Melsept® SF	●	●	●	●										●	●	●		●
Meliseptol® Wipes ultra	●	●	●		●									●		●	●	●
Citric acid solution 50%									●					●	●			●
Tiutol® KF									●					●	●			●

Disinfectant active ingredient															Application				
Limited virucidal activity (incl. HBV, HCV, HIV)	Limited virucidal PLUS	Virucidal	HBV/HIV	Noroviruses (MNV)	Alcohols	Aldehydes	Formaldehyde free	Phenol derivatives	Quaternary ammonium compounds	Alkyl amines	Peracetic acid	Citric acid	Active chlorine	Ready-to-use	pH value of the ready-to-use solution	Concentrate to be diluted	Application concentration (DGHM / VAH)	Contact time (DGHM/VAH)	Application concentration / contact time (IFSG § 18)
●			●				●	●							9.5	●	1.5% 3.0%	1 hour 5 min.	6% 2-6 hours
●		●	●	●	●	●	●								5.0	●	1.0% 1.5%	30 min. 15 min.	
●		●	●	●			●				●				8.0	●	2.0%	15 min.	
●			●				●			●					9.0	●	0.5% 1.0%	15 min. 5 min.	
							●								7.0	●	1.0%	5 min.	
							●								7.0	●	1.0%	15 min.	
							●								7.0	●	0.05- 0.2%		
							●								7.0	●	0.1- 0.5%		
							●								11.5	●	0.3- 0.8%		
							●								3.0	●	0.05- 0.3%		
							●								10.0	●	0.2- 1.0%		
							●								7.0	●	0.1- 0.5%		
●		●	●	●		●	●								7.0	●	1.0%	5 min.	
							●								5.0	●	0.3- 1.0%		
●		●	●	●			●						●		12.5	●	3.0%	60 min.	
●	●	●	●	●	●		●		●					●	7.0		Conc.	1 min.	
●			●	●	●		●		●					●	7.0		Conc.	1 min.	
●	●	●	●	●	●		●		●					●	7.0		Conc.	1 min.	
●			●	●	●		●		●					●	7.0		Conc.	1 min.	
●	●		●	●	●		●		●	●				●	7.0		Conc.	1 min.	
●			●	●			●		●		●				9.0	●	2.0% 1.0%	5 min. 15 min.	
●			●	●			●		●						8.5	●	0.5% 1.0%	15 min. 5 min.	
●	●	●	●	●		●	●		●						5.0	●	0.5% 2.0%	1 hour 15 min.	
●	●	●	●	●			●		●					●	11.0		Conc.	2 min.	
●		●	●	●			●					●			2.0	●	3.0%	15 min. 83°C	
●		●	●	●			●						●		12.5	●	3.0%	15 min. 60°C	



Mandatory texts

# Mandatory texts

## **Braunoderm®**

### **Braunoderm® colored**

**Composition:** 100 g solution contains: Active ingredients: 2-propanol (Ph. Eur.) 50.0 g, povidone-iodine with 10% available iodine (average molecular weight of povidone approx. 40,000) 1.0 g; other components: purified water, potassium iodide (0.4 g, stabilizer), sodium dihydrogen phosphate (Braunoderm® colored also contains: dyes E 110, E 124, E 151).

**Indications:** For disinfecting the skin prior to surgical procedures, injections, punctures, catheterizations, blood collection, vaccinations.

**Contraindications:** Hyperthyroidism or any other manifest thyroid disease, dermatitis herpetiformis Duhring, planning or administering radioiodine therapy (until completion of treatment), hypersensitivity to iodine, 2-propanol or any other component of the medicinal product.

**Warnings:** Combustible. Keep container tightly closed. Keep away from ignition sources. No smoking! Avoid contact with eyes. Do not use on damaged skin or mucous membranes. For external use only. 21–22°C flash point according to DIN 51755. Do not store above 25°C.

**Side effects:** Very rare: Hypersensitivity reactions of the skin, e.g., late-type contact allergic reactions that develop in

the form of itching, redness, blisters, etc., may manifest. Very rare: Acute immune system reactions (anaphylactic reactions) involving other organs (e.g., skin, respiratory tract, circulatory system). Occasionally: local, alcohol-related drying and irritation of the skin (redness, tension, itching).

**Version date:** 01/2021

**Pharmaceutical company:**  
B. Braun Melsungen AG  
34209 Melsungen, Germany

## **Braunol®**

Active ingredient: Povidone-iodine

**Composition:** 100 g solution contains: 7.5 g povidone-iodine, mean molecular weight 40,000, with a content of 10% available iodine. Other ingredients: Sodium dihydrogen phosphate dihydrate, sodium iodide, macrogol lauryl ether 9 EO (Ph. Eur.), sodium hydroxide, purified water.

**Indications:** *For single use only:* Disinfection of intact outer skin or mucous membrane antiseptics, e.g., prior to surgery, biopsies, injections, punctures, blood collection, and urinary catheterization. *For repeated, temporary use:* antiseptic wound treatment (e.g., pressure ulcers, lower leg ulcers), burns, infected skin diseases. Hygienic and surgical hand disinfection.

**Contraindications:** Hypersensitivity to iodine or any other component of the medicinal product, hyperthy-

roidism or other manifest thyroid diseases, dermatitis herpetiformis Duhring, planning or performing radioiodine therapy (until completion of treatment), very small preterm infants (birth weight less than 1500 g).

**Side effects:** Occasionally, local burning may occur at the start of treatment. Very rare: Hypersensitivity reactions of the skin, e.g., late-type contact allergic reactions that develop in the form of itching, redness, blisters, etc., may manifest. Very rare: Acute immune system reactions (anaphylactic reactions) involving other organs (e.g., skin, respiratory tract, circulatory system). Significant iodine absorption can occur with prolonged use of Braunol® on large wound and burn surfaces. Very rarely, patients with a history of thyroid disease may develop thyroid hyperactivity (iodine-induced hyperthyroidism), sometimes with symptoms such as an accelerated pulse, or inner restlessness. After use of larger quantities of medicinal products contain-

ing povidone-iodine (e.g., during burns treatment), the occurrence of (additional) electrolyte and serum osmolarity disorders, impairment of renal function, and over-acidification of the blood (metabolic acidosis) have been described. In very rare cases, patients with significant corneal defects developed corneal cloudiness due to the formation of calcium phosphates during treatment with eye drops containing phosphate.

**Version date:** 09/2020

**Pharmaceutical company:**  
B. Braun Melsungen AG  
34209 Melsungen, Germany

## **Promanum® pure**

**Composition:** 100 g solution contains: Active ingredients: Ethanol (100%) 73.4 g, 2-propanol (Ph. Eur.) 10.0 g; other ingredients: purified water, isopropyl myristate (Ph. Eur.), butan-2-on, sorbitol (Ph. Eur.), (hexadecyl, octadecyl)[(RS)-2-ethylhexanoate], Povidone K 30.

**Indications:** Hygienic and surgical hand disinfection.

**Contraindications:** Hypersensitivity (allergy) to ethanol

or 2-propanol or to any of the other ingredients.

**Side effects:** Contact allergy. Skin irritations such as redness and burning, especially with frequent use.

**Warnings:** Highly flammable. Keep container tightly closed. Keep away from ignition sources. No smoking! Avoid contact with eyes. Do not use on damaged skin or mucous membranes. For external use only. 14°C flash point according to DIN 51755.

**Version date:** 11/2018

**Pharmaceutical company:**  
B. Braun Melsungen AG  
34209 Melsungen, Germany

## **Softa-Man® / Softa-Man® acute / Softa-Man® pure / Softa-Man® ViscoRub**

**Composition:** 100 ml solution contains: Active ingredients: Ethanol (100%) 45 g, 1-propanol (Ph. Eur.) 18 g; other ingredients: Softa-Man®: Purified water, diisopropyl adipate, macrogol-6-glycerol caprylocaprate (Ph. Eur.), dexpanthenol, (+/-)-alpha-bisabolol, odorants (3-methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl) but-3-en-2-one, benzyl alcohol, benzyl benzoate, benzyl (2-hydroxybenzoate), citral, citronellol, cumarin, D-Limonene, eugenol, farnesol, geraniol, 2-benzylidenoctanal, isoeugenol, linalool, oakmoss), allantoin. Softa-Man® acute: Purified water, Macrogol

4000, butane-2-on, octyldodecanol (Ph. Eur.), glycerol, phosphoric acid 85%. Softa-Man® pure: Purified water, isopropyl myristate (Ph. Eur.), octyldodecanol (Ph. Eur.), dexpanthenol, glycerol, (+/-)-alpha-bisabolol, allantoin, denatonium benzoate. Softa-Man® ViscoRub: Purified water, butane-2-one, glycerol, isopropyl myristate (Ph. Eur.), (hexadecyl, octadecyl)[(RS)-2-ethyl hexanoate], octyldodecanol (Ph. Eur.), edetol, acrylates (C10-30 alkyl acrylate crosspolymer), (+/-)-alpha-bisabolol.

**Indications:** Surgical hand disinfection poster.

**Contraindications:** Hypersensitivity (allergy) to ethanol or 1-propanol or to any of the other ingredients.

**Side effects:** Contact allergy. Skin irritations such as redness

and burning, especially with frequent use.

**Warnings:** Combustible. Keep container tightly closed. Keep away from ignition sources. No smoking! Avoid contact with eyes. Do not use on damaged skin or mucous membranes. For external use only.

52.3 wt.% ethanol | 20.9 wt.% 1-propanol  
21°C flash point according to DIN 51 755

**Version date:** 04/2021

**Pharmaceutical company:**  
B. Braun Melsungen AG  
34209 Melsungen, Germany

## **Softasept® N / Softasept® N colored**

**Composition:** 100 g solution contains: Active ingredients: Ethanol (100%) 74.1 g, 2-propanol (Ph. Eur.) 10.0 g; other ingredients: Purified water (Softasept® N colored also contains Povidon K30, citric acid, dyes Orange Yellow S (E 110) and Azorubine (E 122)).

**Indications:** Skin disinfection prior to surgery, punctures, and injections.

**Contraindications:** Hypersensitivity (allergy) to ethanol, 2-propanol or (only Softasept® N colored) to any of the

ingredients.

Softasept® N is not suitable for antiseptic treatment of mucous membranes and for use in the immediate vicinity of the eyes.

**Side effects:** Skin irritations such as redness and burning can occur, especially with frequent use. Contact allergies are also possible.

**Warnings:** Highly flammable. Keep container tightly closed. Keep away from ignition sources. No smoking! Do not spray on an open flame! Avoid contact with eyes. Do not use on

damaged skin or mucous membranes. Intended for external use only.

14°C flash point according to DIN 51755.

**Version date:** 09/2021

**Pharmaceutical company:**  
B. Braun Melsungen AG  
34209 Melsungen, Germany



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Manufacturer according to MDD 93/42/EEC

Softaskin, Softa-Man, Promanum, Trixo, Softasept, LavaSurge, Braunol, Braunoderm, ProntoVet, Helipur, Stabimed, Helizyme, Helimatic, Meliseptol, Hexaquart, Melsept, Vasco, Manuplast, Lifosan, Medibox, Braunovidon, ProntOral, Prontosan, Tiutol:  
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Sterilit:

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The product brand names "Softaskin", "Softa-Man", "Promanum", "Trixo", "Softasept", "LavaSurge", "Braunol", "Braunoderm", "ProntoVet", "Helipur", "Stabimed", "Helizyme", "Helimatic", "Meliseptol", "Hexaquart", "Melsept", "Vasco", "Manuplast", "Lifosan", "Medibox", "Braunovidon", "ProntOral", "Prontosan" and "Tiutol" are registered trademarks of B. Braun Melsungen AG.

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