

**'I am a passionate professional and a caring specialist. But I'm also a budget juggler and a true team-player.'**

**Truly customised  
orthopaedic solutions**

  
**Mölnlycke®**

# Efficient solutions for your team



## Experienced specialist advice

Our specialists work with you to define and evaluate your most time- and cost-efficient solution.

# Advantages for the whole team

Our customers tell us that customised surgical procedure trays provide many benefits. One size does not fit all; every procedure is different and each hospital has its preferred way of working – and we develop a customised tray to match it.



## Orthopaedic speciality tray components

To fully benefit from our solution, ensure that you have included the following components in your tray:

- Plume evacuation pencil
- Pulsed Lavage
- Skin stapler
- BARRIER® Drapes
- BARRIER® Gowns
- Safety scalpel and needles
- Trays and bowls
- Bone wax
- Yankauer and Tubing
- Wound drainage
- Sutures
- Dressings
- Light handle cover
- Mepilex® BorderPost-Op
- Cement mixing bowls and Syringes



- **Time savings:** Less preparation time, less opening and set-up time, leading to more procedures being carried out (up to 40 percent reduction in complete preparation time<sup>1</sup>)
- **Reduced risk of infection** with fewer packages to open
- **Reduced packaging** leading to less waste
- Ensuring **patient safety** and high-quality care by securing accuracy and consistency for every procedure set-up
- **Simplify the OR team's work**
- Help **reduce product spending and logistics costs<sup>1</sup>**



# A complete solution for increased efficiency

Our specialists work closely with you to define and configure the best solution for your orthopaedic trays from our extensive range of components. The result? A truly customised orthopaedic solution with everything you need for each intervention – convenient and cost effective. Colour code your trays to help your teams optimise prep-time.



up to **40%** OF PREPARATION TIME  
SAVED. ENABLING  
MORE PROCEDURES  
TO BE PERFORMED<sup>1</sup>.

In one package you will be able to:

- Reduce preparation time by up to 40%<sup>1</sup>
- Have confidence in each and every set up
- Facilitate more procedures
- Help reduce product spending and logistics costs

“The number of procedures was increased by 18%, and 1,060 hours have been saved throughout the entire workflow, leading to savings of 51,000 Euros.”

Hartmut Freckmann, OR Head Nurse, Germany, talking about customised procedure trays.

Truly customised orthopaedic solutions

Let us help you and your team







## The more you add in your tray the more you save

Our specialists can help you identify the solution that is exactly right for you and your team, helping you focus on the areas that you are most looking to improve.

We can also work with you and your team to help drive the change process and give you even more value from your solution.

When we have found your truly customised solution, we can quantify the economic value, based on scientific studies and provide you with a full report.

To get an idea of how much you can save, try out our value calculator.

[molnlycke.com/our-knowledge/tray-value-calculator/](http://molnlycke.com/our-knowledge/tray-value-calculator/)



Truly customised orthopaedic solutions

# Pulsed Lavage\*

Our single-use high pressure pulsed lavage system effectively cleans bone and removes debris during total joint procedures. This increases cement penetration into the cancellous bone for potentially stronger implant fixation and reduced revision rates. It is also an effective mechanical wound debridement system for cleaning wounds, removing dirt, necrotic tissue and debris.

## Available in two versions

- 1. AC adapter:** reduced environmental impact thanks to lack of alkaline batteries. Single-use handpiece and re-usable AC adapter.
- 2. Built-in battery:** a flexible and mobile version with battery pack integrated into the handpiece, for quick and easy battery removal.

## All included means no hidden costs

- Ergonomic and comfortable handpiece
- Short fan spray tip with splash shield
- Long femoral canal tip
- Integrated suction and irrigation
- Cleaning rod for solving potential occlusion in the femoral tip

## Single packed or included in Mölnlycke® ProcedurePak® trays

- Include Pulsed Lavage in your customised procedure-specific trays for efficiency gains
- For hip revision surgery we have a special tip to handle small bone and cement parts. Available as sterile single packed
- Also available as a single packed option

## Filtered revision Tip

- For hip revision surgery we have a special tip to handle small bone and cement parts. Available as sterile single packed

### Pulsed Lavage – available in Mölnlycke® trays

Pulsed Lavage System, AC Power

Pulsed Lavage System, Built-in Battery

Coaxial Canal Brush Tip (for AC power version)

Coaxial Canal Brush Tip (for battery version)



Ref. No.	Pulsed Lavage AC Power – Sterile single packed
9750000	Pulsed Lavage System, AC Power
9752000	AC Power Supply (AC100~240V), Europe
9752010	AC Power Supply (AC100~240V), DK
9752020	AC Power Supply (AC100~240V), UK
9752030	AC Power Supply (AC100~240V), AUS
9752040	AC Power Supply (AC100~240V), CH
9751000	Coaxial Canal Brush Tip
9751001	Cone tip 30mm
9751002	Coaxial Canal tip
9751003	Hip Revision Tip

Ref. No.	Pulsed Lavage battery – Sterile single packed
9750003	Pulsed Lavage System, Battery (w. Switch)
9751004	Coaxial Canal Brush Tip
9751005	Cone tip 30mm
9751006	Coaxial Canal tip
9751007	Hip Revision Tip

\*Legal manufacturer: Dongguan Kaiser Technology Co., Ltd, No. 81 Sanjiang Industrial District, 523462 Hengli Town, Dongguan, Guangdong, CHINA.





# Orthopaedic drapes

The BARRIER® orthopaedic drape range combines intervention specific designs and materials with absorbency, strength and drapability.



## Secure Attachment

Integrated adhesive edges secure the fit and reduce the risk of micro-organism being transferred to the wound site.

## Time saving

Less time to drape compared to universal draping techniques leads to improved time efficiency in the operating room. Speciality drapes allow for easy and efficient draping by one person.

## Enhanced strikethrough protection

Impermeable drape material.

## Drisite® Plus

The patented triple zone system provides absorbency, fluid control, impermeability, conformability and strength.



### Knee

Integrated fluid collection pouch for effective fluid management. Folding for aseptic application, easy for one person to drape. Suitable for use also on a tilted table.

#### Ref. No. Mölnlycke tray components

70105 BARRIER® Knee arthroscopy drape with integrated fluid collection pouch, 260/300x320cm elastic apertures 7cm and 5cm



### Hip

Absorbing patch to help maintain a dry working area. Integrated hook and loop tube holders to create an organised working area. Folding for aseptic application.

#### Ref. No. Mölnlycke tray components

70601 BARRIER® Hip drape with dislocation bags, 230/300x330cm, elastic aperture 18x22cm



### Shoulder

Integrated fluid collection pouch for effective fluid management. Generously sized all-in-one design for shoulder surgery performed in beach chair/ sitting position. Folded for aseptic application.

#### Ref. No. Mölnlycke tray components

70004 BARRIER® Beach chair shoulder drape with integrated fluid collection pouch, 400x240cm, elastic aperture 10x10cm

Truly customised orthopaedic solutions

# Orthopaedic tray components

When customising your procedure specific trays for e.g. knee, hip or shoulder replacement, you select components from a huge quality assortment with support and advice from our specialists. The products shown represent just a small part of our full assortment, and can of course all be included in your customised Mölnlycke® ProcedurePak® tray.

## Surgical plume evacuation pencil

Surgical staff are at risk every time surgical plume is created in the operating room. The solution is in your hands with the new, unique Mölnlycke Plume Evacuation Pencil, a superior solution that ensures minimised plume exposure and clear visualization of the operative site. Putting the safety of you and your patients first.

- A unique all in one light-weight, slim design with an integrated telescopic function providing an immediate, on demand, solution for both deep and shallow incisions
- Mölnlycke Plume evacuation pencil offers a sustainable solution, DEHP and PVC free
- Very high suction capacity (85 l/min) minimising plume exposure and providing rapid visualisation of the operative site
- Your choice of electrode is determined by the need of each specific intervention

### Technical data

#### Choice of electrodes:

Stainless steel ① for quick, simple cases.

Coated PTFE ② for reduced interruption of surgery due to eschar build up.

Insulated PTFE ③ for reduced risk of inadvertent tissue damage when operating in tight spaces.

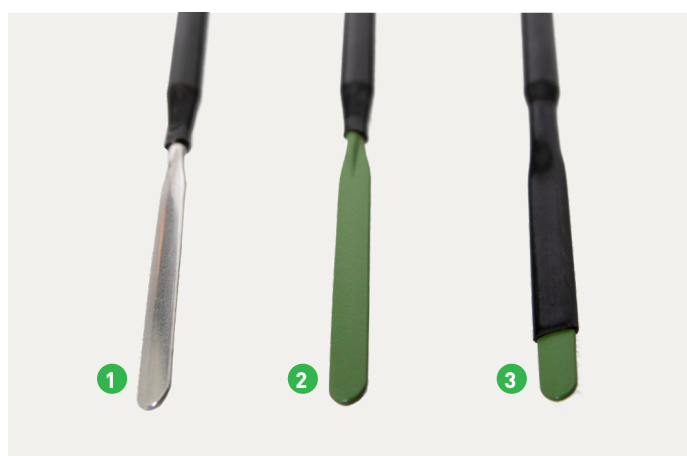
- 360° swivel handle enables freedom of movement reducing the risk of wrist fatigue
- Universal 22mm connector to fit all plume evacuation machines
- Narrow diameter ensures precise control and greater visualisation, especially in restricted spaces
- Convenient 4 metre cable



Ref. No.*	Description
420102	Plume Evacuation Pencil, SS electrode
420100	Plume Evacuation Pencil, PTFE electrode
420101	Plume Evacuation Pencil, PTFE Insulated electrode

Available both in your customized surgical trays as well as single packed

You can go directly to your Mölnlycke portal to add our plume evacuation pencils in your customized trays or reach out to your Mölnlycke contact.



Prima Medical Limited is the legal manufacturer of the Plume Evacuation Pencil .

\*Reference numbers for sterile packed products. Products available both in trays and single packed.



# Cement Mixing system

The Mölnlycke® Vacuum Cement Mixing System has been designed for fast, hassle-free mixing of high viscosity bone cements. Its self-contained mixing element thoroughly mixes high viscosity cement and eliminates the added complexity and inconvenience of removing the mixing element prior to cement injection.

## Cement mixing system

### Product description

- Cement single bowl mixer kit
- Cement double bowl mixer kit
- Cement single syringe mixer kit
- Cement double syringe mixer kit
- Cement syringe Gun disposable
- Cement mixing Flat nozzle extrusion
- Cement femoral pressuriser (68mm x 30mm x 12mm)
- Cement ampoule safety filter
- Cement syringe Gun metal
- Cement vacuum foot pump

DEHP free



# The flexible all-in-one post-op dressing

Mepilex® Border Post-Op may:

- Help reduce SSI by minimising number of dressing changes and periwound skin damage<sup>1-4</sup>
- Support patient mobilisation by being flexible and gently adhering<sup>1-4</sup>
- Reduce dressings-related cost by minimising number of dressing changes<sup>3,4</sup>



### Ref. No.\* Description

- |        |                                |
|--------|--------------------------------|
| 496400 | Mepilex® Border Post-Op 10x20  |
| 496450 | Mepilex® Border Post-Op 10x25  |
| 496100 | Mepilex® Border Post-Op 6x8    |
| 496200 | Mepilex® Border Post-Op 9x10   |
| 496300 | Mepilex® Border Post-Op 10 x15 |
| 496600 | Mepilex® Border Post-Op 10x30  |
| 496650 | Mepilex® Border Post-Op 10x35  |

# Skin Stapler\*\*

We can provide skin staplers from the two suppliers – Teleflex® (Weck Visistat) and Medtronic®, available in both sizes wide (W) and regular (R).



### Description

- Visistat skin stapler wide 35W
- Visistat skin stapler regular 35R
- Appose skin stapler wide 35W
- Appose skin stapler regular 35R

\*\* Only available in trays

References: 1. Beele H. et al. A prospective randomized controlled clinical investigation comparing two post-operative wound dressings used after elective hip and knee replacement; Mepilex® Border Post-Op versus Aquacel® Surgical. International Journal of Orthopaedic and Trauma Nursing, 2020. 2. Dobbelaere A, et al. Comparative study of innovative postoperative wound dressings after total knee arthroplasty. Acta orthopaedica Belgica, 2015. 3. Zarghooni, K. et al. Is the use of modern versus conventional wound dressings warranted after primary knee and hip arthroplasty? Acta Orthopaedica Belgica 2015. 4. Bredow J. et al. Evaluation of Absorbent Versus Conventional Wound Dressing. A Randomized Controlled Study in Orthopedic Surgery. Deutsche Arzteblatt International, 2018

Truly customised orthopaedic solutions

# Orthopaedic staff solutions

Ergonomic designs with an effective infection barrier

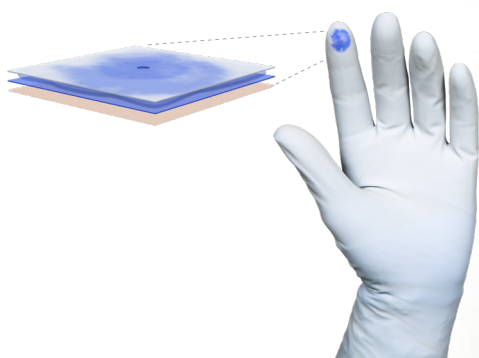


## BARRIER® surgical mask

Bacterial filtration efficiency reduces the spread of bacteria to the air in the operating theatre.

## Double gloving reduces risk of an innerglove perforation by 71%<sup>1</sup>

An indicator glove system, such as the Biogel PI Indicator® System, is an effective way to reduce the risk of exposure to dangerous - and costly - contamination and infection<sup>1</sup>. Studies have shown that with a Biogel® puncture indication system you will detect over 90% of punctures, compared to only 23% if you single glove and 36% if you double glove with two regular overgloves<sup>2</sup>, meaning increased protection for both you and your patient<sup>3</sup>.



If the straw coloured Biogel overglove is perforated and liquid comes in between the two gloves, the dark coloured underglove will reveal the puncture and allow the user to quickly change the perforated glove to restore the barrier between surgical staff and patient.

## Ultimate surgical gown

Fluid repellent gowns for advanced protection. Available with impermeable front and sleeves for added protection against strike-through.

Ref. No.	Description
414XX	Biogel PI Indicator® System
409/411/431XX	Biogel® PI UltraTouch®
416XX	Biogel PI Indicator® Underglove
7801XX	BARRIER® Ultimate, surgical gown, L - XXL



# Your guide to selecting the right components for orthopaedic procedures

All products can be included in a Mölnlycke® ProcedurePak® tray to meet your needs and preferences.

## Components for your orthopaedic trays

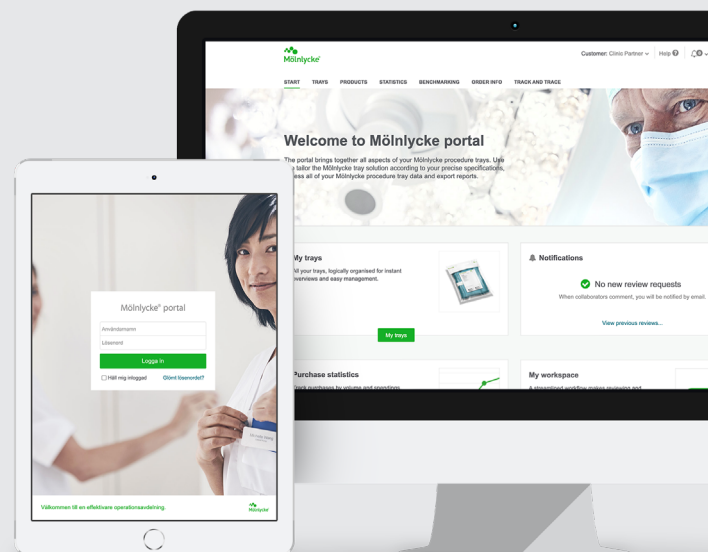
- |  |  |  |
|--|--|--|
| <input type="checkbox"/> BARRIER® Drapes | <input type="checkbox"/> Needles             | <input type="checkbox"/> Smoke evacuation pencil             |
| <input type="checkbox"/> Equipment cover | <input type="checkbox"/> Safety scalpel      | <input type="checkbox"/> Esmark Bandage                      |
| <input type="checkbox"/> Incise film     | <input type="checkbox"/> Needle counter      | <input type="checkbox"/> Bandage                             |
| <input type="checkbox"/> BARRIER® Gowns  | <input type="checkbox"/> Wound drainage      | <input type="checkbox"/> Special electro surgical electrodes |
| <input type="checkbox"/> Pulsed Lavage   | <input type="checkbox"/> Skin marker         | <input type="checkbox"/> Mepilex® Border Post-Op             |
| <input type="checkbox"/> Sutures         | <input type="checkbox"/> Trays and bowls     | <input type="checkbox"/> Anti-slip mat                       |
| <input type="checkbox"/> Skin stapler    | <input type="checkbox"/> Light handle cover  | <input type="checkbox"/> Time-out drape                      |
| <input type="checkbox"/> Yankauer        | <input type="checkbox"/> Sharps passing tray | <input type="checkbox"/> Gauze products                      |
| <input type="checkbox"/> Tubing          | <input type="checkbox"/> Basin liner         | <input type="checkbox"/> Bone wax                            |
| <input type="checkbox"/> Syringes        | <input type="checkbox"/> Metal instruments   | <input type="checkbox"/> Cement mixing system                |

## Mölnlycke® portal

### Maximising the value of your trays

Your organisation can save time, money and waste with customised surgical procedure trays. Now you can increase the value gained by your trays with Mölnlycke's tray management portal. Customer insights guided every step of the development, building a portal that overcomes challenges by giving:

- ✓ Control
- ✓ Transparency
- ✓ Efficiency



Truly customised orthopaedic solutions

# Working together for solutions that deliver new standards in patient care

You can focus on delivering outstanding patient care while safeguarding your resources, with the help of our dedicated specialists and full range of innovative products:

- Complete assortment of high-quality drapes, gowns and other OR essentials
- High-quality Biogel® surgical gloves
- Market-leading Mölnlycke® ProcedurePak® solutions
- Advanced wound care products with pioneering Safetac® technology
- Mölnlycke® Portal – build, analyse, change, estimate and review tray purchases with customisable multi-user access

## Proving it every day

At Mölnlycke®, we're guided by a single purpose: to help healthcare professionals perform at their best. And we're committed to proving it every day.

Explore the orthopaedic range at [molnlycke.com](https://www.molnlycke.com)



Find out more at [www.molnlycke.com](https://www.molnlycke.com)

Mölnlycke Health Care AB, Box 13080, Gamlestadsvägen 3C, SE-402 52 Göteborg, Sweden. Phone + 46 31 722 30 00. The Mölnlycke, BARRIER, Biogel, UltraTouch, Indicator, ProcedurePak, Drisite, Meplix and Safetac trademarks, names and logos are registered globally to one or more of the Mölnlycke Health Care group of companies. © 2023. Mölnlycke Health Care AB. All rights reserved. HQIM004505

Teleflex is a registered trademark of Teleflex Incorporated. Medtronic is a registered trademark of Medtronic, Inc.

