



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

Truly customised
orthopaedic solutions

Efficient solutions for your team



Experienced specialist advice

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



Orthopaedic speciality tray components

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

- Smoke 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® Post-Op



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.

- **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*)
- **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**

* Greiling, M. A multinational case study to evaluate and quantify time-saving by using custom procedure trays for operating room efficiency. Data presented at the 23rd Congress of the European Association of Hospital Managers, Zurich, Switzerland, September 2010 (poster).

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 become even more efficient.



40% OF PREPARATION TIME
SAVED. ENABLING
MORE PROCEDURES
TO BE PERFORMED.

In one package you will be able to:

- Reduce preparation time by up to 40%*
- 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/value-calculator



Truly customised orthopaedic solutions

Pulsed Lavage

Our single-use high pressure Mölnlycke® Pulsed Lavage system effectively cleans bone and removes debris during total joint procedures, potentially increasing cement penetration into the cancellous bone for strengthening implant fixation and reduced revision rates.

Available in two versions

- 1. AC adapter:** an environmentally-friendly version that eliminates the need for 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

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

Single packed or included in Mölnlycke trays*

- Include Pulsed Lavage in your customised procedure-specific trays for efficiency gains
- Also available as a single packed option



Ref. No.	Description
9750000	Pulsed Lavage System, AC Power
9750001	Pulsed Lavage System, Built-in Battery
9751000	Coaxial Canal Brush Tip**
9751001	Cone tip 30 mm
9751002	Coaxial Canal tip
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

* AC version available in trays. Built-in battery version available in trays soon.

** Coaxial canal brush tip is available – either as sterile single packed or included in your customised tray.



Orthopaedic drapes

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



Safe Adhesion

Integrated adhesive edges secure the fit and minimise the risk of microorganism migration to the wound site.

Time saving

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

Enhanced strikethrough protection

Strong impermeable drape material.

Drisite® Plus

A patented three-zone fluid handling system with;

1. Dry barrier
2. Strong barrier
3. Absorbent barrier



Knee

Integrated fluid collection pouch for effective fluid management. Impermeable materials providing optimal patient safety. Folded to ensure aseptic application, easy for one person to drape. Suitable for use also on a tilted table.

Ref. No.	Mölnlycke tray components
70105	BARRIER® Knee Drape 260/300x320cm, aperture 7cm and 5cm elastic



Hip

Strong reinforced materials in the critical zone provide reliable quality with high tear resistance. Integrated hook and loop tube holders to create an organised working area. Folded to ensure aseptic application and impermeable materials for patient safety.

Ref. No.	Mölnlycke tray components
70601	BARRIER® Hip Drape with dislocation bags 230/300x330cm, aperture 18x22cm elastic



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 to ensure aseptic application and impermeable materials providing optimal patient safety

Ref. No.	Mölnlycke tray components
70004	BARRIER® Beach Chair Shoulder Drape 400x240cm, aperture 10x10cm elastic

* Draping side-by-side video for orthopaedic drapes. Unpublished report. Mölnlycke Health Care, 2016

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® orthopaedic tray.

Diathermia pencil with smoke evacuation

Smoke from electrosurgical pencils is a health risk that OR staff are aware of and concerned about. A diathermia pencil with integrated smoke evacuation offers protection for your team by minimising smoke in the OR.

Mölnlycke's solution from both SafeAir®¹ and Buffalo Filter®² include standard and extendable smoke evacuation pencils. Each with an ergonomic slim design, for optimal comfort and control for the surgeon.

We can also offer standard disposable diathermia pencils and we have a solution for all different needs.

- Button- or rocker switch
- Stainless steel or PTFE coated electrodes
- Speciality electrodes with insulation in all lengths
- Micro-dissection needles (tungsten) for precise soft-tissue dissection

Bone wax

Bone wax is preferred by some surgeons to control the bleeding. We also have this in our assortment.



Ref. No.*	Description
2315013-00	Safeair®. Integrated smoke evacuation pencil w/ PTFE coated electrode
2315073-00	Safeair®. Integrated smoke evacuation pencil w/ stainless steel electrode
2319885-00	Buffalo PlumePen® Pro. Integrated smoke evacuation pencil w/ PTFE coated electrode
2321450-00	Buffalo PlumePen® Elite. Extendable integrated smoke evacuation pencil w/ PTFE coated electrode



Ref. No.*	Description
2316563-00	Bonewax, white 2.5g

*Reference numbers for product in Mölnlycke trays. 1. SafeAir pencils are ONLY available in Scandinavia, UK, Netherlands, Germany and Switzerland. 2. Buffalo pencils are NOT available in Scandinavia, UK, Netherlands, Germany and Switzerland. 3. Zarghooni K. et al. Effect of a modern dressing compared to standard dressings on outcome after primary hip and knee arthroplasty: a prospective, non-randomised controlled study. E-poster, EWMA, 2015. 4. Zarghooni K. et al. Randomised clinical trial to evaluate performance of flexible self-adherent absorbent dressing coated with silicone layer after hip, knee or spinal surgery in comparison to standard wound dressing. Poster presentation at 5th Congress of the WUWHS, Florence, Italy, 2016. 5. v Overschelde P. et al. A randomised controlled trial comparing two wound dressings used after elective hip and knee arthroplasty. Poster presentation at 5th Congress of the WUWHS, Florence, Italy, 2016. 6. Johansson C. et al. Preventing post-operative blisters following hip and knee arthroplasty. Wounds International, 2012.



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 damage³⁻⁶
- Support patient mobilisation by being flexible and gently adhering⁵
- Reduce dressings-related cost by minimising number of dressing changes^{3,4}



Ref. No.*	Description
495400	Mepilex® Border Post-Op 10x20
495450	Mepilex® Border Post-Op 10x25
495100	Mepilex® Border Post-Op 6x8
495200	Mepilex® Border Post-Op 9x10
495300	Mepilex® Border Post-Op 9x15
495600	Mepilex® Border Post-Op 10x30
495650	Mepilex® Border Post-Op 10x35

Skin Stapler

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



Ref. No.*	Description
2313730-00	Skin stapler Visistat wide 35W
2305644-00	Skin stapler Visistat regular 35R
2301476-00	Skin stapler Appose wide 35W
2304279-00	Skin stapler Appose regular 35R

Truly customised orthopaedic solutions

Orthopaedic staff solutions

Ergonomic designs with an effective infection barrier

Medical face mask with visor
Low breathing resistance and filtration efficiency with protection from splashes.

Glenn, surgeon's hood
Decreases risk of contamination¹. Soft and breathable for the staff.

Double gloving reduces risk of glove perforation by 71%²
The Biogel® Puncture Indication System is an easy and effective way to prevent avoidable injuries and exposure to dangerous – and costly – contamination and infection². Our new synthetic Biogel PI Micro Indicator® System's light-coloured outer glove, if perforated, reveals the dark inner glove. The new synthetic (non-latex) design is thinner³, for extra tactile sensitivity and 'feel'.

Ultimate reinforced surgical gown
Ultimate comfort and advanced protection.

Clean air suit
Contributing to the creation of ultra clean air⁴. High resistance towards bacterial penetration.

Ref. No.	Description
483XX ⁵	Biogel® PI Micro Indicator
489XX ⁵	Biogel® PI Micro Indicator Underglove
657030	BARRIER® Medical face mask with visor
620200	BARRIER® Glenn, surgeon's hood
690XXX ⁵	BARRIER® Ultimate, reinforced surgical gown, L - 2XLL
842XXX ⁵	BARRIER® Clean air shirt, XS - 3XL
843XXX ⁵	BARRIER® Clean air trousers, XS - 3XL

1. Gordon A J, et al. Letter to the Editor. J Hosp Inf 2009;8:289-291 2. Mischke C, Verbeek JH, Saarto A, Lavoie MC, PahwaM, Ijaz S. Gloves, extra gloves or special types of gloves for preventing percutaneous exposure injuries in healthcare personnel. Cochrane Database of Systematic Reviews 2014, Issue 3. Art. No.: CD009573. DOI: 10.1002/14651858.CD009573.pub2. 3. Compared to the existing Biogel® polyisoprene 4. Kasina, P., Tammelin, A., Blomfeldt, A-M., Ljungqvist, B., Reinmuller, B., Ottosson, C. Comparison of three distinct clean air suits to decrease the bacterial load in the operating room: an observational study. Patient Safety in Surgery 2016;10(1): DOI 10.1186/s13087-015-0091-4. 5. Example of code, codes will vary depending on sizes.

Your guide to selecting the right components for orthopaedic procedures

All products can be included in a Mölnlycke® 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"/> Supplementary drapes | <input type="checkbox"/> Safety scalpel | <input type="checkbox"/> Electro surgical pencils |
| <input type="checkbox"/> Incise film | <input type="checkbox"/> Needle counter | <input type="checkbox"/> Special electro surgical electrodes |
| <input type="checkbox"/> BARRIER® Gowns | <input type="checkbox"/> Wound drainage | <input type="checkbox"/> Mepilex® Border Post-Op |
| <input type="checkbox"/> Pulsed Lavage | <input type="checkbox"/> Skin marker | <input type="checkbox"/> Anti-slip mat |
| <input type="checkbox"/> Sutures | <input type="checkbox"/> Trays and bowls | <input type="checkbox"/> Time-out drape |
| <input type="checkbox"/> Skin stapler | <input type="checkbox"/> Light handle cover | <input type="checkbox"/> Gauze products |
| <input type="checkbox"/> Yankauer | <input type="checkbox"/> Sharps passing tray | <input type="checkbox"/> Bone wax |
| <input type="checkbox"/> Tubing | <input type="checkbox"/> Basin liner | |
| <input type="checkbox"/> Syringes | <input type="checkbox"/> Metal instruments | |



To customise your trays contact your Mölnlycke sales representative who can tell you more about our brand new online Tray portal – build, analyse, change, estimate and review tray purchases with customisable multi-user access.



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, technically advanced Biogel® surgical gloves
- Market-leading Mölnlycke procedure tray solutions
- Advanced wound care products with pioneering Safetac® technology
- Online Tray 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



Find out more at www.molnlycke.com

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