Your hands
Where your need for protection begins

‘These hands perform 4 brain surgeries a day, 5 days a week.’
Yasser Abdalla, Neurosurgeon

Biogel® surgical gloves
Our quality is your protection.

Did you know it’s been proven that non-Biogel gloves are 3.5 times more likely to fail than Biogel® gloves? This is why:

All our Biogel® surgical gloves exceed industry standard for force at break, tensile strength and elongation. So when you feel the expert fit and comfort as your Biogel gloves glide on, you can be confident you’re protected by a glove with an industry-leading AQL result of 0.65.

We own our entire production process – from raw material to delivery. Our 100% powder-free in-house manufacturing facilities test every Biogel glove at multiple quality-control gates.

We check our gloves with accredited mechanical, chemical and microbiological test methods. All defect gloves are rejected.

Why do we do all this? Because the risks are real. We want you to have the protection you deserve. So you can perform at your best.

Top 3 reasons

#1 Proven quality for reliable protection
Fewer glove failures means less risk of an exposure. Every single Biogel® glove is air-inflation tested. A clinical study of in-use failure rates shows non-Biogel gloves are at least 3.5 times more likely to fail than Biogel gloves.

#2 Best-in-class perforation detection
Biogel Indicator System has best-in-class indication, and detects up to 97% of punctures. Perforation detections are clear, fast and large – for effective, cost-efficient risk reduction for both clinicians and patients.

#3 Improved tactile sensitivity and less hand fatigue
Given a choice, most clinicians reach for Biogel gloves. They are easy to put on, use and remove, and conform to the hand like a second skin. The fit, feel and comfort offers tactile sensitivity and less hand fatigue – and that can contribute to the outcome of the operation.

**Non-Biogel gloves are 3.5 times more likely to fail**

**100% every Biogel glove is air inflation tested**

**Industry-leading AQL result of 0.65**

DID YOU KNOW? All Biogel gloves are shipped to you in temperature-controlled containers, providing you with superior quality gloves.*
Are you at risk?

Clinical study results show an exposure rate during surgery of 10.4 per 100 procedures. Your risk of accidental exposure to pathogens is real. Every day.

Are all your surgical patients routinely screened for blood borne viruses? This practice is the exception rather than the norm. Which means you and your team are at risk of contracting blood-borne diseases through exposure to patients’ blood. In fact, another study of 1,307 surgeries found an accidental exposure in 6.4% of the procedures. Surgical gloves help reduce the risk to both you and your patients – and are one of many factors that work together to prevent infections in the operating room. Fewer glove failures reduces the potential risk of exposure to pathogens – and associated costs of occupational exposure administration.

To someone who’s concerned that double-gloving could reduce feeling, I’d say any loss is insignificant. Especially compared to what you gain in safety, for you and the patient. And that feels great.

Dr. David Revez

Why double-glove?

Double-gloving is a smart way to prevent avoidable exposure to dangerous health risks. It’s proven to reduce risks of sharps injuries and exposure to blood-borne infections.

Small investment, big return

We’ve heard why preventing hospital-acquired infections (HAIs) is a higher priority than ever. What costs more? The relatively low cost of double-gloving, or dealing with staff and patient exposure to infection? Imagine the total treatment cost if you or a colleague were infected. And for your patients, a surgical site infection could double the length of their hospital stay and require an extra week of antibiotic therapy.

Experts agree

Leading authorities now recommend double-gloving for invasive surgeries:

- Centers for Disease Control and Prevention (CDC)
- International College of Surgeons (ICS)
- Association of perioperative Registered Nurses (AORN)
- American College of Surgeons (ACS)

71%

A 2014 Cochrane Review concludes that double-gloving reduces the risk of an inner-glove perforation by 71% compared to single gloving.

2 million

WHO has found that 2 million healthcare workers are exposed to percutaneous incidents each year.
Fewer perforations, best-in-class puncture detection and improved tactile sensitivity

New Biogel® PI Micro Indicator is our thinnest surgical glove – 20% thinner than regular Biogel PI – for extra tactile sensitivity, even when double-gloving. And you’ll know if you need a quick change – our puncture indication system is best-in-class.

Biogel PI Micro Indicator is the brand new addition to the Biogel range. The gloves are powderfree, sterile and synthetic to eliminate allergies, but they still deliver all the fit, feel and comfort of natural rubber latex.

As always, Biogel puncture indication technology provides the protection you can trust. Biogel PI Micro Indicator system gives significantly clearer indication than other synthetic double gloving combinations.

97% perforation detection rate – no other double-gloving system has shown this perforation detection rate.

Fewer perforations to the underglove based on wearing half-size larger underglove in the unique Biogel system.

Clear, fast and large, protection you can see

We want you to see a glove puncture as soon as it occurs. So you can quickly change gloves and continue the procedure without compromising your protection or the patient’s.

Biogel® Indicator® System is designed for specific contrast with blood, so you can see the punctured area faster and more clearly.

If the overglove is punctured, fluid penetrates between the two gloves, creating a dark patch, that grows rapidly and alerts the wearer to a puncture.

Clear

The underglove colour physics are purposeful, selected to trigger sensitivity in the human eye. The overgloves are opaque, so when punctured they alert you by showing the colour of the underglove.

Fast

The patented glove surface treatment highlights the puncture spot immediately by spreading trapped fluid to create a visible indication that grows quickly.

Large

The indication spot grows large so you can see it quickly – and so others can see it from a distance in case it’s outside your direct line of sight.

‘I notice a small difference in tactile sensitivity, but there’s no question. I much prefer double gloving to single gloving.’

Mikael Barbu, Junior Doctor in Thoracic Surgery
All Biogel Surgical gloves offer superior quality and the advanced Biogel Indicator System. You choose the material you prefer. And you can count on finding your preferred fit, feel and comfort.

**From feel and sensitivity for laparoscopy**

<table>
<thead>
<tr>
<th>Tactile sensitivity</th>
<th>All purpose</th>
<th>Extra grip</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Biogel® PI Micro Indicator® System</strong></td>
<td><strong>Biogel PI Indicator® System</strong></td>
<td><strong>Biogel® PI UltraTouch® G</strong></td>
</tr>
<tr>
<td>- Biogel® PI Micro</td>
<td>- Biogel® PI UltraTouch®</td>
<td></td>
</tr>
<tr>
<td>- Biogel® PI Micro Indicator Underglove</td>
<td>- Biogel PI Indicator® Underglove</td>
<td></td>
</tr>
<tr>
<td><strong>Biogel® Micro Indicator® System</strong></td>
<td><strong>Biogel® Indicator® System</strong></td>
<td><strong>Biogel® M</strong></td>
</tr>
<tr>
<td>- Biogel® Micro</td>
<td>- Biogel® Super-Sensitive</td>
<td></td>
</tr>
<tr>
<td>- Biogel® Micro Indicator® Underglove</td>
<td>- Biogel® Micro Indicator® Underglove</td>
<td>- Biogel® Surgeons</td>
</tr>
</tbody>
</table>

* Latex

* Polysoprene

* Single packs available

**NEW**

**Double glove pack Underglove* Overglove***

to extra strength for demanding orthopaedics.
Operating room teardown costs

If latex gloves are worn during the set-up of the OR and an unexpected patient latex allergy is identified, a complete new set-up is required. One hospital analysis showed OR teardowns totalled USD 81,120 for their facility per year. Costs included re-sterilisation, idle OR time, staff time and wasted disposables.

Why choose latex-free?

70% of all reported adverse events from natural rubber latex allergies are from healthcare workers17.

There’s a global trend towards latex-free gloves. About half of the surgical gloves sold in the US, for example, are synthetic. Some facilities have banned the use of natural rubber latex gloves19 – because high protein levels may cause latex allergy20. Allergic reactions range from skin redness to potentially life-threatening conditions.

As latex allergies become more prevalent, synthetic glove materials with a fit, feel, and comfort similar to latex offer a much needed alternative. In fact, moving to synthetic surgical gloves in the OR setting significantly reduces the potential health risk to patients and staff – and delivers time and cost efficiencies to the hospital.

Biogel® synthetic gloves can help prevent latex sensitisation and anaphylactic reactions and avoid costly OR teardowns.

Latex allergy high-risk groups:
- Healthcare workers frequently exposed to natural rubber latex through medical equipment (e.g. gloves)25
- Paediatrics patients with spina bifida and congenital urogenital abnormalities21
- Paediatrics patients early or frequent mucosal contact with latex22
- A clinical study reports a 5.1% prevalence in pregnant women undergoing caesarean section deliveries23

There is no cure or vaccine for natural rubber latex allergy, only prevention24,25.

DID YOU KNOW?

1 out of 50 healthcare workers become sensitised each year from natural rubber latex gloves17

70% of all reported adverse events from natural rubber latex allergies are from healthcare workers17

Number of years worked in healthcare setting and wearing gloves for more than one hour increases risk of acquiring natural rubber latex allergy21

10
Customised surgical solutions

Surgical gloves are just the beginning

With Mölnlycke, you can look forward to customised surgical solutions with everything you need for each specific procedure in a single, convenient and cost-effective tray. It’s really all about making things easier for you. As an example, here are our recommendations for laparoscopic and orthopaedic interventions.

Our portfolio

Our wide portfolio includes everything from gowns to surgical instruments. Each solution is developed to increase efficiency, so that clinicians and patients in the OR have what they need to achieve the best outcomes.

Biorgel® surgical gloves
Superior protection with puncture indication and high levels of fit, feel and comfort.

BARRIER® drapes
A range of drapes specifically designed for different types of surgical procedures.

Mölnlycke® procedure trays
All the single-use items needed for a specific surgical intervention, conveniently assembled in a sterile pack to give healthcare professionals a truly customised and complete solution.

Mölnlycke® surgical instruments
A wide assortment of single-use instruments, including trocars, for minimally invasive surgery.

BARRIER® staff clothing
A wide range of protective clothing for the safety and comfort of healthcare professionals and patients.
To clinicians who don’t double-glove, I say, ‘Do it!’ It’s such a simple way to protect yourself and everyone else.”

Julie Karlsson, Trauma Nurse

How can we help you?

Our surgical sales specialists helps you implement a double-gloving policy – or move from natural rubber latex to synthetics – with a seamless and worry-free process. They’ll work with you to match the right material, features and sizes to your team’s exact needs.

We will support you with evaluations and educational programmes. They can also help as well as guide you on important healthcare topics such as infection prevention, recommended practices and the proper use of surgical gloves. Our team can even help you increase OR efficiency and safety through education on correct glove-use, glove standardisation, and understanding synthetic alternatives.

‘It’s simple, really. Double-gloving is about security for the staff, the patient and the hospital. Cost should never determine whether you double-glove.’

Julie Karlsson, Trauma Nurse

Biogel® surgical gloves
Get hands-on

To really understand what Biogel® surgical gloves can mean for you and your team, you have to experience them. And that’s easy – simply try them on. See how easily they glide on – without powder – and feel the fit, comfort and expert design.

Get in touch and we’ll make sure that you and your team can experience our surgical gloves right away. Let’s talk and make it happen.


preferred fit, feel and comfort.
At Mölnlycke, we deliver innovative solutions for managing wounds, improving surgical safety and efficiency and preventing pressure ulcers. Solutions that help achieve better outcomes and are backed by clinical and health-economics evidence.

In everything we do, we are guided by a single purpose: to help healthcare professionals perform at their best. And we’re committed to proving it every day.

Find out more at www.molnlycke.com