



moovartes surgical





moovartes

motion for life

*Moovartes stands for the art of movement.
Movement can be found in everything we stand for.*

Daily, we gather forces to support health care professionals with expert advice and an outstanding pre- & after sales service.

At MOOVARTES, we commit to continuously improve standards of orthopedic care thereby providing the highest quality solutions with compassion, respect, and dedication to all our clients and their patients.

Leading people the way to a life in which they can move without restrictions or pain, that is our true vision!



Our vision

Create a world in which people can move freely and without restrictions or pain.



Our mission

Integrate state of the art solutions and orthopedic innovations in our product portfolio to create the highest quality care pallet to chose from when treating patients.



Our values

Being a trustworthy, all-round partner with focus on innovation, efficiency, and quality, offered by a passionate and dedicated team.

YOUR ALL-ROUND PARTNER IN ORTHOPEDICS THANKS TO TWO BUSINESS UNITS.

Founded in 1999 as a distribution company 'pur sang', over the years we developed into a company which offers full range orthopedic solutions with focus on prevention and pre-, intra- and post-surgical care. To streamline our extensive portfolio of more than 2000 products, we created two business units. The business unit "SUPPORT", including our well-known bracing, rehabilitation and splinting products is now fortified by the new business unit "SURGICAL".



support



surgical

Make sure to visit our website for more info: www.moovartes.com

ESY Solution

Standardizing the OR process

The Operating Room (OR) is the heart of a hospital. At the same time it is one of the most expensive resources, implying a direct impact on the hospital's profitability. By using new and innovative technologies, surgeries can be performed more efficiently and cost effective.

The Efficient SurgerY (ESY) Solution is a cross-disciplinary efficiency model that aims to support the surgeon and his/her surgical team in standardizing all aspects of the operating room (OR) workflow.

Optimizing the surgical process leads to reduced procedure costs, improved ergonomics and minimized surgical trauma. ESY Solution aims to improve the workflow efficiency for all involved stakeholders including the surgical team, the hospital and the patient



EFFICIENT SURGERY

ESYSUIT™

The EsySuit™ increases efficiency in the OR and reduces the risk of infections. Thanks to the EsySuit™, the patient can be draped in less than 1 minute.

Draping
in less than
1 minute



The assistant in a box

GRIPPER™

The Gripper is a patented self-locking system that is attached to the retractors, replacing the need for a nurse or assistant to hold them.



What benefits does ESY Solution offer in the operating room?

1. STERILITY: STANDARDISATION OF DRAPING OF THE PATIENT WITH FEWER ACTIONS

Thanks to the EsySuit™ drapes, fewer actions are required when draping the patient, reducing the risk of sterility errors. Additionally, less personnel is needed in the sterile zone.

2. A SAFER ENVIRONMENT FOR THE PATIENT DURING SURGERY

Improved sterility control directly reduces the risk of infections in patients. Furthermore, the likelihood of soft tissue damage is also reduced due to the stable placement of retractors by the Grippers. Finally, anesthesia time is reduced by at least 10 minutes.

3. A CALMER WORKSPACE FOR THE ORTHOPEDIC SURGEON

By standardizing the operating room process with the ESY Solution, fewer personnel is required, creating a calmer and more stable workspace with increased comfort and movement space for the surgeon.

4. SURGICAL TEAM IS USED MORE EFFICIENTLY

The ESY Solution not only reduces the size of the team needed to prepare the patient for surgery but also offers an ergonomic advantage with the surgical drapes. Legs need to be held up for a shorter duration, and breaks for surgical staff can be more easily organized.

5. TIME MANAGEMENT

All the above advantages make the ESY Solution a true time-saving solution in the operating room.

- Covering the patient requires fewer actions (time saved: 5 to 10 minutes)
- Smoother removal of covering materials (time saved: 2 minutes)
- Orthopedic instrument handler can concentrate better, leading to a smoother procedure (time saved: 10 minutes).

In total, ESY Solution can result in time savings of up to 22 minutes.

6. ECOLOGICALLY RESPONSIBLE

With these innovative drapes, medical waste can be reduced from 25m² to 8m². This, along with the savings in personnel, can significantly reduce costs.



Interested?

Contact us for more information or for a free offer!

info@moovartes.com

One Minute Draping solution

The time needed to perform the surgery itself is usually fairly constant. The time needed for preparing the operating room and the patient however is subject to variability and therefore less predictable. **A significant amount of OR time can be saved by standardizing the draping procedure with the EsySuit™.** Not only is the draping time reduced to less than 1 minute but the disinfection of the patient is much less time consuming.

The EsySuit™ delivers a positive contribution to the optimal use of the resources and the associated efficient functioning of the OR, in multiple applications.

DIFFERENT TYPES OF ESYSUIT™

There are various variants of EsySuits available, each designed to meet specific needs and situations in the operating room.



WHY USE ESYSUIT™



Ease of use

Due to its unique patented design, the EsySuit can be applied in less than 1 minute. Even when the OR occupancy is subject to variability, the application of the EsySuit is quick and easy to master.



Efficient staff allocation

Compared to traditional draping, the number of handlings with the EsySuit can be reduced to a minimum. As a result, different processes run parallel which creates an optimal OR Pulse



Increased ergonomics

The EsySuit is designed in such a way that lifting patient's legs for preparation and draping may not be necessary. Nurses are therefore hardly ever exposed to a non-ergonomic position while applying the EsySuit.



Time saving

The EsySuit is a one drape solution in which incision window and foil* are already integrated. This allows a standardized and reproducible way of draping which is a crucial part of an efficient and cost-effective OR.



Environmentally friendly

The EsySuit™ covers 9.6m² and generates approximately between 50% and 66% less waste than traditional draping solutions. The EsySuit™ makes a positive contribution to the OR waste and cost management.



Improved efficiency

The efficient functioning of the OR, without compromising on safety for both the patient and the personnel is paramount for every hospital. The EsySuit makes a positive contribution to this goal.

Frequently Asked Questions about the EsySuit™

1. Can I really drape within 1 minute?

Yes you can. The EsySuit™ is made in such a way that with good training and some practical exercises, it can be applied within a minute.



2. Is the EsySuit™ safe?

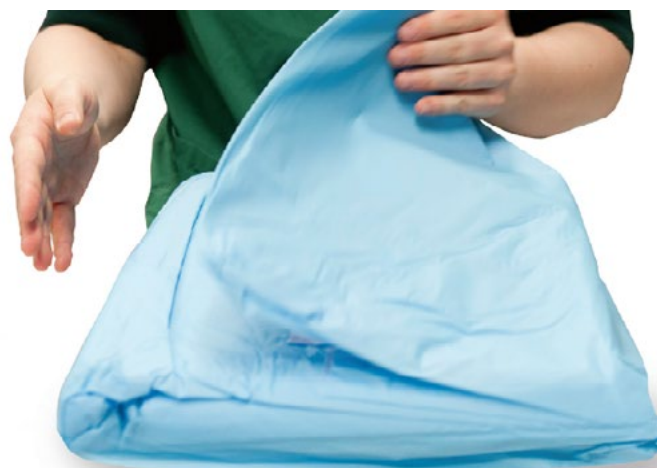
The EsySuit covering material consists of 3 layers: 2 impermeable layers laminated 2SBL and a reinforcing, absorbent top layer of Meltblown Spunbond. This makes the EsySuit safe for use and extra tear-resistant. Of course, one should always be cautious when placing sharp surgical instruments.

The EsySuits are CE-certified and fall under Class I Sterile. For the FDA, this is Class II. Moreover, these surgical drapes are 100% latex-free!

Because iodine can, in some cases, cause allergic reactions, the integrated incision film in the EsySuit is non-iodized. In short, the EsySuits are completely neutral, certified, and extremely safe for use!

3. Do I need to use other drapes besides the EsySuit™ to drape the patient?

In principle, this is not necessary. Some surgeons still use an anesthesia drape to make a separation between the operating table and the anesthesia area.



Gripper

Focus entirely on the patient

Human capital is the most important resource in the OR so it is extremely important that people can function optimally.

The Gripper™ allows a stable retractor positioning so that nursing staff can now be deployed much more effectively during other parts of the procedure or in preparation for or during other operations. The device can be used on a standard OR table and traction Table.



By using the gripper, surgeons are also back in charge of their instruments. They determine the positioning, the force with which the retractors are placed and how long they stay in place. This allows the surgeon to be **100% focused on their job** while the scrub is always one step ahead because he/she doesn't have to hold instruments.

A well-managed OR results not only in a high surgical turnover, but also in reduced postoperative complications, improved patient-centered outcomes and greater patient satisfaction.

WHY USE GRIPPER™



Safety

The Gripper™ is manipulated by the surgeon. This ensures that the force exerted on the retractors is controlled by the surgeon, contributing to a surgery that is gentle on soft tissues and bones.



Efficient staff allocation

Because the Gripper™ replaces handheld retractors, they enable nurses to be allocated for more productive and urgent operations. This leads to parallel processing and efficient allocation of the OR staff.



Increased stability

The surgeon places the Gripper™ with the correct force and direction so that the retractor can be positioned accurately and stable. The Gripper remains stable in its position even under the most demanding circumstances.



Optimal visibility

The Gripper™ is connected to the side of the table improving the surgeon's view on the surgical field and anatomical landmarks of which are not obstructed by the staff holding retractors.



Versatility

The Gripper™ can be adapted to a wide range of retractors commonly used in surgery today.



Ease of Use

Place the retractor, turn the knob, and attach the hooks to the attachment posts.

Frequently Asked Questions about the Gripper™

1. Is the Gripper™ compatible with all surgical retractors?

The Gripper™ is compatible with the standard size range of flat handled orthopaedic retractors currently being used in the market. Retractor handle thickness must fall between 2mm and 4,5mm. Retractor handle width must fall between 25 mm and 33 mm.

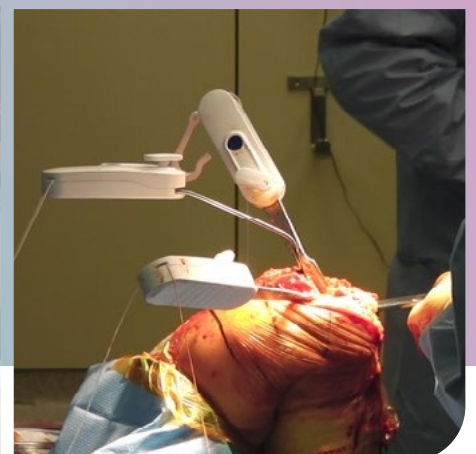
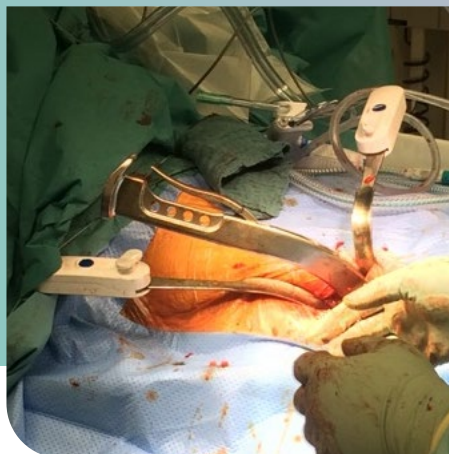
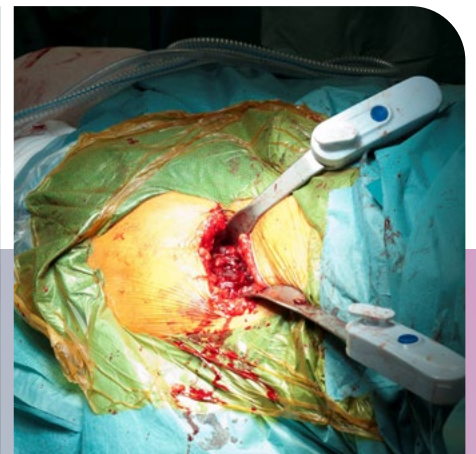
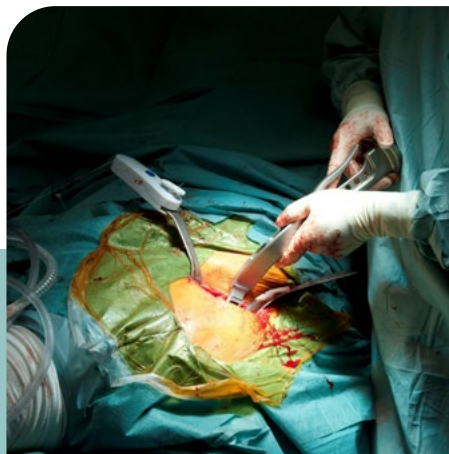
2. How can you adjust the tension on the Gripper™?

By pushing the blue button you can release and lock the mechanism inside. So when you push the blue button you can adjust the position and tension and when you release the blue button Gripper™ will lock and stabilize the retractor.

3. What is the shelf-life of the Gripper™?

The Gripper™ has a validated shelf-life of 3 years.

**THE GRIPPER™
ALLOWS THE
SURGEON
TO CONTROL
THE RETRACTOR
WITHOUT
EXTRA HELP FROM
AN ASSISTANT**



Naviswiss Miniaturized Hip Navigation System

WITH NAVISWISS HIP®, SURGEONS GAIN ULTIMATE CONTROL AND ACCURACY.

Naviswiss represents surgical precision and innovative simplicity, all integrated into a comprehensive hip navigation system. This patented Swiss technology assists surgeons in enhancing surgical outcomes.



SMART ASSISTED SURGERY



THE UNIQUE USP'S DISTINGUISH NAVISWISS FROM ANY OTHER NAVIGATION SYSTEM:

- 95% smaller and lighter than conventional navigation systems
- Supports any surgical approach and patient position
- Compatible with all major hip implant systems and their corresponding instrumentation
- Both Landmark-based and CT-based navigation are possible
- The impact of navigation on both the operating room and the procedure itself is minimal.

"NAVISWISS LETS SURGEONS CHOOSE THE BEST METHOD FOR THEIR PATIENTS. THEY CAN PLAN PRE-OPERATIVELY AND DECIDE BETWEEN EITHER THE FASTER LANDMARK-BASED OR THE MORE SOPHISTICATED CT-BASED WORKFLOW"

- Jan Stifter, CEO & Board Member Naviswiss



SMART

Reducing complexity

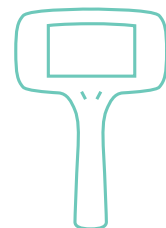
Hip replacement can be complex. Naviswiss simplifies it by integrating patented technology into a smart and easy-to-use navigation solution. Free line of sight with immediate results.



SMALL

Minimally invasive

Navigation is now effortless. Naviswiss is an elegant and cost-effective solution. The system enables a digital minimally invasive surgical technique with miniaturized equipment.



ACCURATE

Predictable outcome

When precision matters this much, accuracy is everything. Naviswiss empowers surgeons to achieve controlled and documented surgical outcome with focus on cup alignment, leg length and offset.



The Naviswiss Workflow

Naviswiss hip navigation is all about simplicity and core functionality. Pre-operative planning is at the clinician's choice. With full control over cup orientation, leg length and offset. Helps to achieve the desired outcome, while optimizing patient-specific alignment.

1

REFERENCING

The anatomy is referenced in a few quick measurements with our flexible, hand-held Naviswiss Camera. It comes into play only for the precision related steps. Stamp-sized NAVItag trackers are attached to minimally invasive pins allowing you to survey the patient's anatomy.

2

NAVIGATION

Cup inclination and anteversion are displayed in real time as the cup is aligned and inserted. The magnetic NAVItag fastening on the cup impactor works for products from all implant manufacturers.

3

DOCUMENTATION

During joint reduction, the system assists with adjusting leg length and offset. It then documents the final implantation parameters in a detailed surgical report.

BOOK YOUR NAVISWISS DEMO NOW!

Would you like to know more about Naviswiss, or are you interested in a hip demonstration? Contact our Business Development Manager

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