moovartes surgical

content

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 orthopaedic 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

get in touch!

Something caught your eye?

Feel free to contact our
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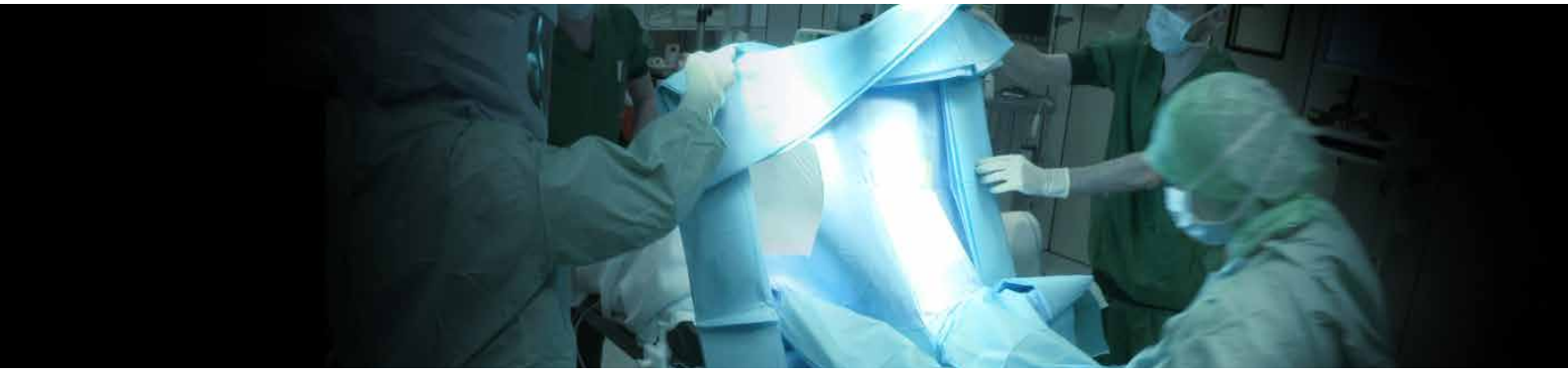
Standardizing the OR process

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 effectively.

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.

The Gripper and the EsySuit are available for surgery of the hip (anterior and posterior approach), knee and shoulder.



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.

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

Which benefits does the ESY Solution offer in the OR?

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.

2. A SAFER ENVIRONMENT FOR THE PATIENT DURING SURGERY

Improved sterility control directly reduces the potential risk of infections in patients. Furthermore, the likelihood of soft tissue damage could also be reduced due to the stable placement of retractors by the Gripper™. Finally, anaesthesia time could be reduced.

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 could optimise the size of the team needed to prepare the patient for surgery and also offers an ergonomic advantage with the surgical drapes.

Legs need to be held up for a shorter duration and breaks for the surgical staff can be organised more efficiently.

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)
- The orthopaedic surgeon 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 can significantly reduce costs.

Interested?

Contact us for more information or for a free offer!

info@moovartes.com

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 efficient allocation of the OR staff and helps in case of staff shortage.

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.

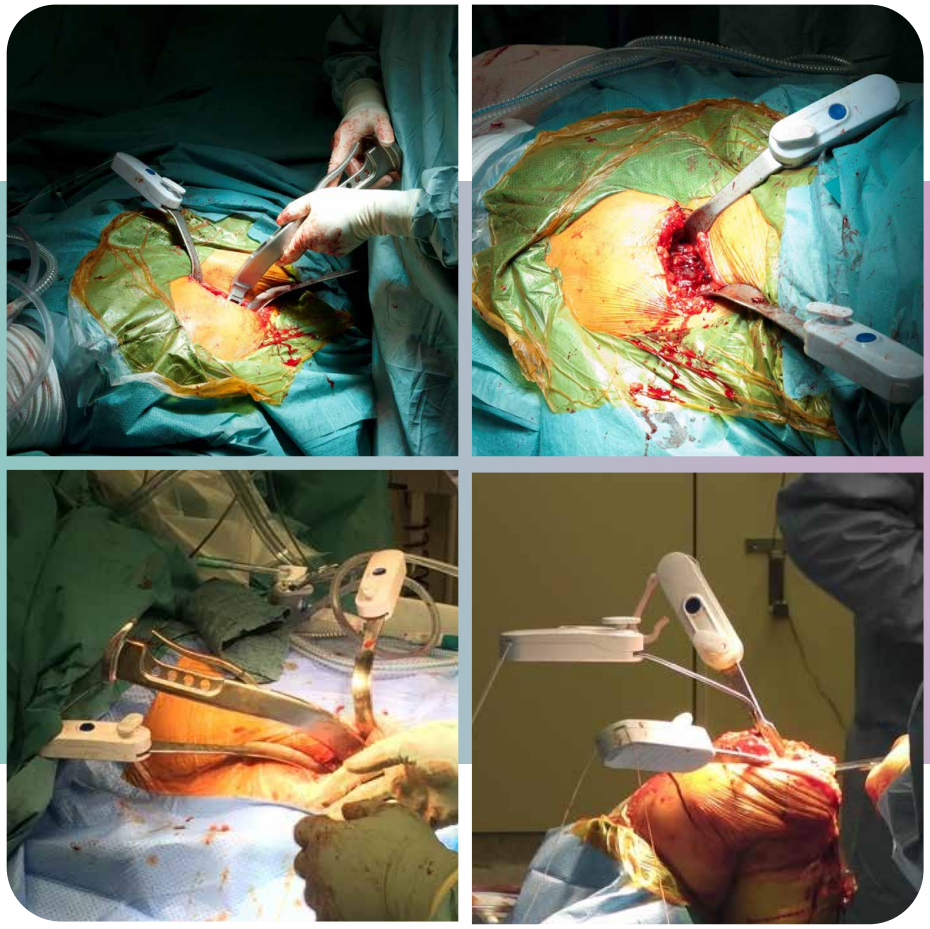
2. How can you adjust the tension on the Gripper™?

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



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™.**

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 EsySuit™ 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 during longer times 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 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.

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.

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

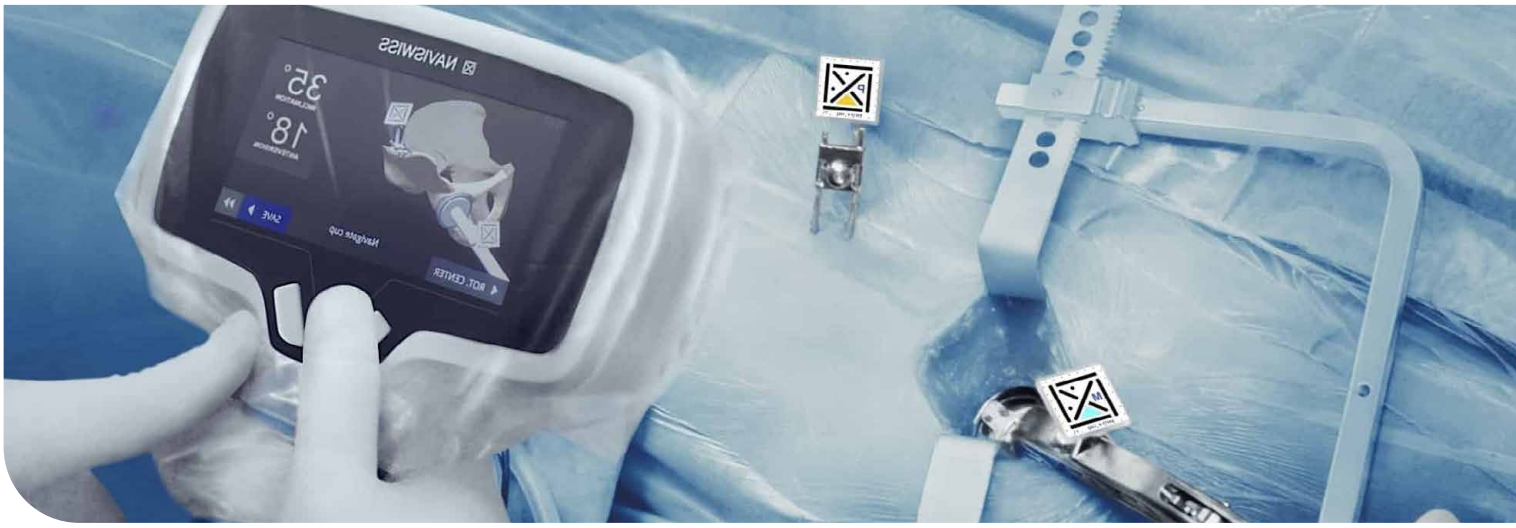
Navigation is now effortless. Naviswiss is an elegant and cost-effective solution. The system enables a digital minimally invasive surgical technique with miniaturized equipment.

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.

naviswiss



The Naviswiss Workflow

Naviswiss hip navigation is all about simplicity and core functionality. Pre-operative planning is at the clinicians 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 patients 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!

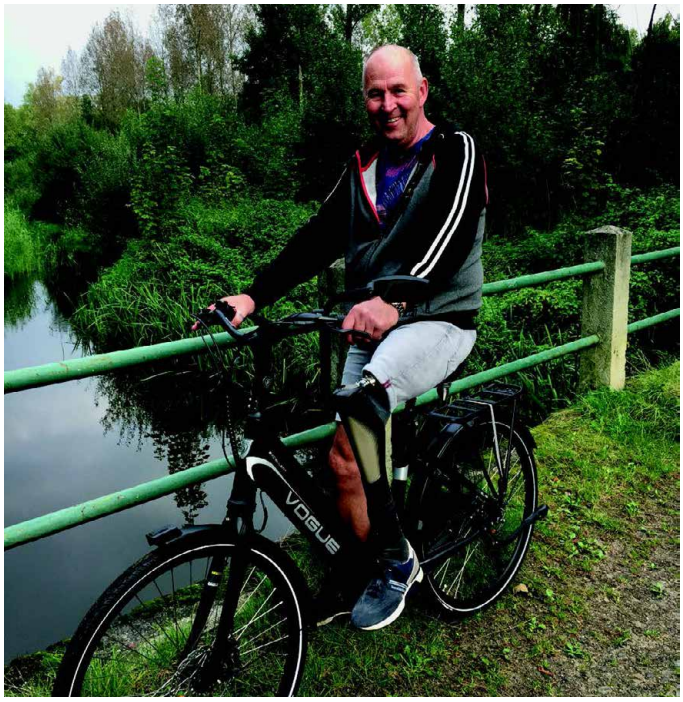
Would you like to know more about Naviswiss, or are you interested in a hip demonstration? Contact our Business Development Manager

Tom Struys, MSc, PhD
tom@moovartes.com · +32 473 84 08 85

BADAL-X System

ADVANCED OSSEOINTEGRATION FOR ENHANCED MOBILITY

The BADAL-X system represents a significant advancement in osseointegration technology, designed for patients with amputations seeking greater mobility, comfort, and stability in their daily lives. This system enables direct fixation of a prosthesis to the residual limb, bypassing the need for traditional socket prostheses. By providing a secure and permanent connection between the bone and the prosthetic device, the BADAL-X system improves walking efficiency, comfort, and overall quality of life for amputees.



CORE FEATURES

1. Titanium Alloy Implant

- The BADAL-X implant is crafted from high-grade titanium, known for its strength, biocompatibility, and resistance to corrosion.
- Its roughened surface is engineered to optimize osseointegration, ensuring that the implant securely bonds to the bone for long-term stability.

2. Bone Insertion Mechanism

- The system's unique insertion technique allows for the implant to be securely placed within the residual bone, enhancing both the strength and reliability of the prosthetic attachment.
- This method minimizes the need for additional surgical interventions and ensures a quick, effective recovery process.

3. External Connector System

- The prosthesis attaches to the implant through a specialized external connector, allowing for easy and precise alignment.
- This mechanism provides a stable connection while allowing for swift attachment and detachment of the prosthesis, improving user convenience and comfort.

4. Modular Design

- The modular design of the BADAL-X system ensures compatibility with various prosthetic components, enabling a highly customizable approach tailored to the specific needs of each patient.

ADVANTAGES OF THE BADAL-X SYSTEM

1. Improved Mobility and Gait

- **Natural Movement:**
  The osseointegration process provides a more natural and functional connection between the residual limb and the prosthesis, enhancing the user's ability to walk with a smoother, more stable gait.
- **Enhanced Walking Efficiency:**
  Studies show that patients using the BADAL-X system experience a reduction in energy expenditure by up to 40% compared to traditional socket prostheses, resulting in less fatigue and greater mobility during extended use.
- **Increased Activity Range:**
  With improved attachment stability, patients can engage in a wider range of activities, from walking to light jogging and cycling, making the BADAL-X system ideal for active amputees.

2. Superior Comfort

- **No Socket-Related Issues:**
  Unlike traditional socket prostheses that can cause skin irritation, chafing, and sores, the BADAL-X system avoids direct contact with the skin, offering a more comfortable and hassle-free experience.
- **Stable Load Distribution:**
  The implant's direct integration with the bone allows for better weight distribution and pressure management, reducing discomfort during daily activities and extended periods of use.

3. Reliability and Durability

- **Long-Term Solution:**
  The titanium alloy implant is designed for durability, offering a long-lasting solution to amputees. With a robust implant-bone integration, the BADAL-X system provides high resistance to wear and tear, allowing patients to maintain an active lifestyle without worrying about prosthesis detachment.
- **Reduced Risk of Mechanical Failure:**
  Compared to traditional socket systems, which can experience slippage, rubbing, and wear over time, the BADAL-X system provides a more reliable connection that minimizes the chances of mechanical failure.

4. Psychosocial Benefits

- **Improved Confidence:**
  Patients report a heightened sense of confidence because of the secure, stable, and natural feel of the BADAL-X system.
- **Reduced Stigma:**
  Because the system bypasses the need for a bulky external socket, users often feel more comfortable in social situations, reducing the stigma commonly associated with wearing traditional prosthetic devices.

CLINICAL EVIDENCE

1. Safety and Success Rates

- The BADAL-X system has demonstrated high success rates in clinical trials, with over 95% of patients experiencing complete osseointegration without major complications.
- The system has a proven track record of reducing infections and other adverse outcomes when compared to socket-based prostheses.

2. Functional Improvement

- Patients utilizing the BADAL-X system have reported improvements in daily activities, with increased walking distances and enhanced comfort.
- A study conducted on over 100 participants showed that users of the BADAL-X system experience a 70% improvement in their ability to perform routine tasks such as walking, climbing stairs, and participating in recreational activities.

CANDIDATE ELIGIBILITY

The BADAL-X system is suitable for:

- **Transfemoral and Transtibial Amputees:**
  Patients with above- or below-knee amputations who are seeking a long-term, stable solution for prosthetic attachment.

- **Healthy Individuals:**
  Patients in good general health who can undergo surgery and can follow post-operative care guidelines.

- **No Severe Diabetes or Vascular Disease:**
  Ideal candidates are individuals who do not have conditions that impede bone healing, such as severe diabetes or advanced vascular diseases.

- **Active Individuals:**
  Those with a lifestyle that demands higher levels of mobility and who wish to engage in an active, athletic routine.

MAINTENANCE AND CARE

- **Routine Care for the Stoma:** Proper care and cleaning of the stoma site are essential to prevent infection. This includes daily hygiene practices to ensure long-term functionality and comfort.
- **Post-Surgery Recovery:** Patients are typically able to resume walking and light activities within 6–8 weeks post-surgery, with full rehabilitation achieved within 6 months.
- **Activity Recommendations:** While high-impact sports may be discouraged in the early stages of recovery, many patients can eventually participate in low-impact sports such as cycling, swimming, and walking, as the implant offers greater durability than socket systems.

CONCLUSION

The BADAL-X system is a revolutionary solution for amputees seeking a more reliable, comfortable, and natural way to regain mobility. By utilizing advanced osseointegration technology, the system eliminates many of the limitations posed by traditional socket prostheses, offering users greater independence and a higher quality of life. With proven clinical success and a growing number of satisfied patients, the BADAL-X system stands at the forefront of modern prosthetic technology.

Keep Walking Femoral Implant

A HYBRID APPROACH TO ABOVE-KNEE AMPUTEE REHABILITATION

The Keep Walking Femoral Implant offers an innovative solution for transfemoral amputees, utilizing osseointegration to directly connect the femoral bone to a specialized implant. While it provides a secure and stable foundation for the prosthetic limb, it still requires a traditional socket system for attachment to the prosthesis. This hybrid approach combines the benefits of osseointegration with the conventional socket method, providing an enhanced prosthetic solution with greater comfort, stability, and mobility for patients.

CORE FEATURES

1. Titanium Stem and Osseointegration

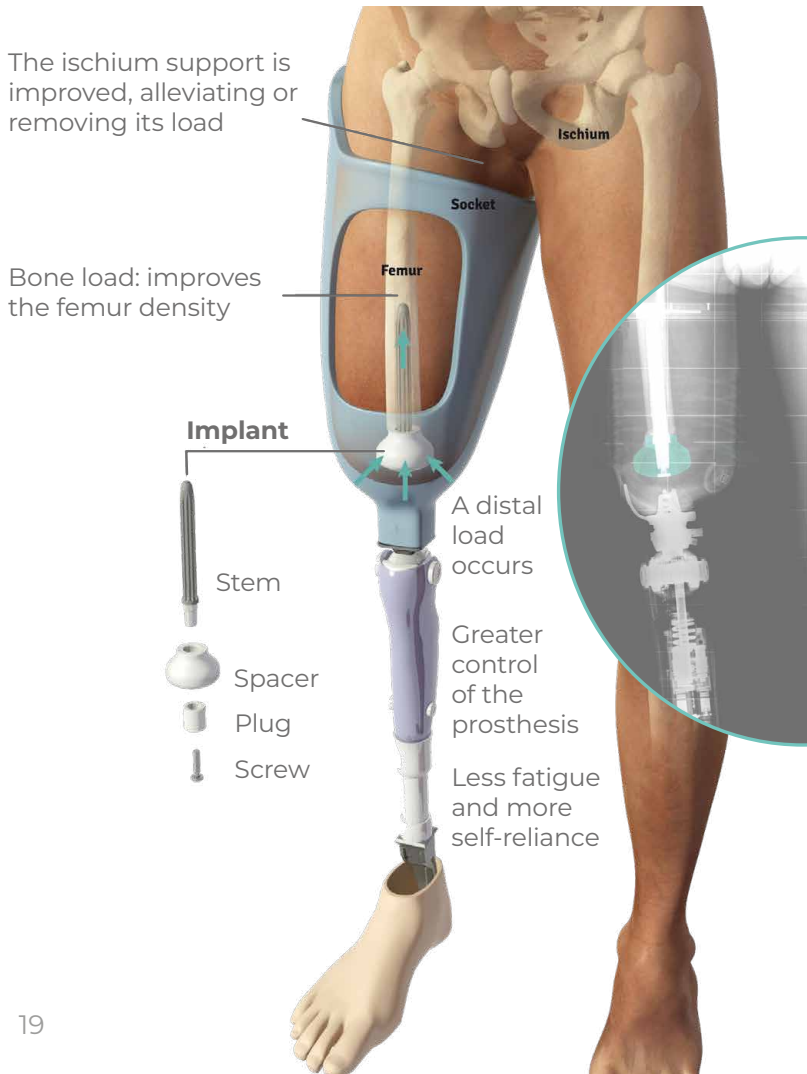
- The Keep Walking Femoral Implant is made from a high-strength titanium alloy that ensures durability and promotes osseointegration. The roughened surface of the stem is designed to encourage the direct attachment of the implant to the femoral bone, creating a strong and stable bond. This process enhances the long-term reliability of the implant and minimizes the risks of implant displacement or loosening over time.

2. Polyethylene Spacer for Leg Lengthening

- The polyethylene spacer is an essential component that helps to achieve leg lengthening during the prosthetic fitting process. Positioned between the femoral implant and the socket, the spacer ensures that the prosthetic limb aligns with the patient's natural leg length, compensating for any limb shortening due to the amputation. This spacer also functions as a shock absorber, reducing the forces transferred through the prosthetic limb and improving overall comfort during walking.

3. Socket for Full Distal Loading

- The socket used with the Keep Walking Femoral Implant can be specially designed to allow for full distal loading, which means the socket can fully bear the weight of the body without relying on a tuber support. This design eliminates the discomfort often associated with traditional socket-based systems, where pressure is typically applied to the upper portion of the residual limb or tuber. Instead, the socket facilitates even load distribution, improving both comfort and function during weight-bearing activities.
- This feature enables a more natural alignment of the residual limb with the prosthetic device, reducing discomfort and offering enhanced stability throughout the gait cycle.



ADVANTAGES OF THE KEEP WALKING IMPLANT

1. Improved Comfort and Stability

- **Secure and Comfortable Fit:**
  The osseointegrated implant provides a stable attachment to the femoral bone. By combining osseointegration with a socket designed for full distal loading, patients can experience better overall comfort and a more reliable prosthetic connection.
- **Better Weight Distribution:**
  The socket's design for full distal loading allows for even weight distribution across the residual limb. This reduces pressure points and prevents the discomfort often associated with traditional systems that focus on upper limb or tuber support. The result is greater comfort during long-term use and improved stability during standing and walking.

2. Enhanced Mobility and Gait

- **Improved Gait Mechanics:**
  The osseointegration feature helps improve the user's gait by offering better alignment and stability, which reduces energy expenditure during walking. The stable, direct attachment of the femoral implant improves mobility, offering smoother and more fluid motion than conventional prosthetics.
- **More Natural Walking Experience:**
  The combination of osseointegration with the socket system designed for full distal loading enables a more fluid, natural walking experience. The even distribution of weight and the secure connection between the residual limb and prosthesis result in a more natural gait, improving overall mobility and walking efficiency.

3. Reliability and Durability

- **Long-Term Stability:**
  The titanium implant and osseointegration process provide long-term stability and durability. With proper care, the implant remains securely attached to the femur, minimizing the need for adjustments and offering a durable solution for the patient.
- **Low Risk of Discomfort or Failure:**
  Since the implant is anchored directly into the bone, the risk of dislocation or loosening is reduced compared to other systems. The socket system, designed to allow for full distal loading, minimizes discomfort and ensures a stable, comfortable fit for the user.

4. Psychosocial Benefits

- **Increased Confidence:**
  Patients who use the Keep Walking system report feeling more confident due to the reduced discomfort and greater stability it provides. This increase in self-esteem can positively affect their overall quality of life, enabling them to participate more fully in social and physical activities.
- **Improved Quality of Life:**
  The hybrid system of osseointegration and socket-based prosthetics allows patients to enjoy a more active lifestyle with fewer limitations. This leads to better psychological well-being and greater participation in daily life.

CLINICAL EVIDENCE

1. Success and Survival Rates

Clinical data shows that the Keep Walking Femoral Implant has a high success rate, with more than 90% of patients achieving positive outcomes following the osseointegration process. The system has demonstrated long-term reliability, with most patients retaining the implant without complications for several years.

2. Functional Improvement

Studies reveal that patients using the Keep Walking implant report a significant improvement in walking efficiency. They experience up to a 40% reduction in energy expenditure compared to traditional socket-based systems. Furthermore, gait symmetry improves, contributing to a more natural walking pattern.

ELIGIBILITY CRITERIA

The Keep Walking Femoral Implant is suitable for:

- **Transfemoral Amputees:**
  Patients with above-knee amputations who are looking for a solution that combines the benefits of osseointegration with the comfort and flexibility of a traditional socket-based prosthetic system.
- **Healthy and Active Individuals:**
  The system is best suited for individuals who are in good overall health, free from severe systemic issues, and who lead an active lifestyle or wish to resume normal activities post-amputation.

MAINTENANCE AND CARE

- **Residual Limb Care:** Patients must carefully maintain their residual limb and the socket interface to avoid skin irritation, pressure sores, or infection. Proper hygiene and regular check-ups are essential to the success of the system.
- **Socket and Implant Care:** Routine care for the socket and implant site is required to ensure the system functions properly. Regular cleaning of the socket and prosthetic parts helps prevent complications and ensures longevity.

CONCLUSION

The Keep Walking Femoral Implant offers a hybrid approach for transfemoral amputees, combining osseointegration's advantages with the proven reliability of traditional socket systems. This unique combination provides enhanced stability, mobility, and comfort for users while minimizing the limitations of conventional prosthetics. With its long-term success rate, customizable components, and high patient satisfaction, the Keep Walking Femoral Implant is a leading choice for individuals seeking a more natural and active lifestyle following an above-knee amputation.

Spirecut Ultrasound-Guided Instruments for Hand Surgery

Spirecut revolutionizes minimally invasive hand surgery with its cutting-edge, ultrasound-guided instruments, offering precise and effective treatments for common hand conditions.

Our portfolio includes the **Carpal Tunnel Sono-Instrument® (CT)**, **Trigger Finger Sono-Instrument® (TF)**, **Sono-Bath®**, and **Sono-Pack®**, designed to enhance surgical outcomes and expedite patient recovery.

Carpal Tunnel Sono-Instrument® (CT)

The Carpal Tunnel Sono-Instrument® (CT) is a groundbreaking tool for the treatment of **carpal tunnel syndrome (CTS)**. By utilizing ultrasound guidance, it eliminates the need for traditional open or endoscopic surgery, ensuring a quicker and safer recovery for patients.

KEY FEATURES & BENEFITS

1. Minimally invasive & ultrasound-guided precision

- No skin incision required; performed via a 14 Gauge IV catheter micro-puncture.
- Enhanced echogenic lateral flanges for precise positioning and controlled ligament release.
- Spiral groove technology for real-time rotational alignment.

2. Enhanced patient comfort & faster recovery

- Local anesthesia, no stitches, no dressings.
- Immediate mobilization and minimal post-operative pain.

3. Efficient & cost-effective

- Short procedure time and reduced instrumentation needs.
- Ideal for outpatient and ambulatory surgery centers (ASCs).

Trigger Finger Sono-Instrument® (TF)

The Trigger Finger Sono-Instrument® (TF) offers a minimally invasive solution for the treatment of **trigger finger (stenosing tenosynovitis)**, allowing for precise and safe A1 pulley release under ultrasound guidance.

KEY FEATURES & BENEFITS

1. Minimally invasive approach

- No traditional incisions; only a small puncture site.
- Real-time ultrasound visualization ensures selective and controlled release of the A1 pulley.

2. Rapid recovery & improved patient outcomes

- Avoids damage to adjacent structures such as tendons and nerves.
- Ensures complete and effective release while reducing recurrence risk.

3. Rapid recovery & improved patient outcomes

- Minimal post-procedure discomfort.
- Immediate finger mobilization with faster return to daily activities.

Sono-Pack® Complete Ultrasound-Guided Surgical Kit

The Sono-Pack® is a comprehensive surgical kit that includes all necessary instruments for **ultrasound-guided hand surgery procedures**, ensuring optimal efficiency and convenience for surgeons.

KEY FEATURES & BENEFITS

1. All-in-One Solution

Includes essential instruments for minimally invasive hand procedures such as carpal tunnel release, trigger finger release, and hydrodissection.

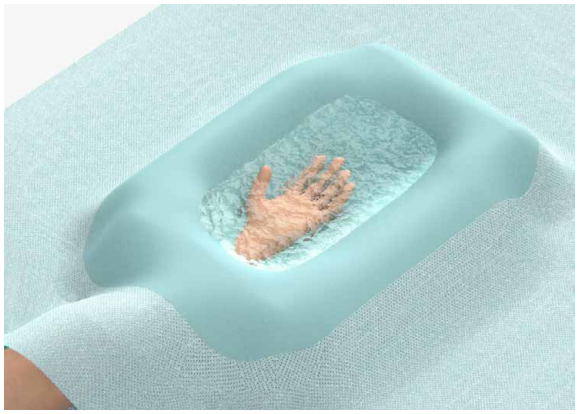
2. Sterile & Single-Use

Designed for one-time use to ensure maximum patient safety and infection control.

3. Optimized for Efficiency

Simplifies procedural workflow by providing all necessary tools in one package, reducing preparation time and increasing surgical efficiency.

Sono-Bath® – Ultrasound-Guided Hydrodissection for Adhesions & Fibrosis



THE SONO-BATH® PROVIDES:

- Ultrasound-guided hand surgery support, ideal for **Dupuytren's contracture**
- Gel-free and pad-free operation, improving ergonomics
- Air-free manipulation for safer procedures
- Enhanced imaging precision for complex cases
- Requires sterile drapes during use
- Contraindicated for patients with open wounds, burns, or vascular issues

SPIRECUT

WHY CHOOSE SPIRECUT?

Spirecut is committed to advancing hand surgery through innovative ultrasound-guided technology.

Our instruments provide surgeons and patients with safer, faster, and more effective alternatives to traditional surgical methods.

Elevate your surgical capabilities with Spirecut's Sono-Instruments®, Sono-Bath®, and Sono-Pack® – the future of minimally invasive hand surgery.

notes

terms & conditions

Article 1 – Validity

a) These general conditions apply to every offer made by Moovartes BV, Toekomstlaan 16, 3660 Genk (Belgium), with enterprise number 0433.793.403, Antwerp Register of Legal Entities (RPR), Tongeren division ('Moovartes') and to every agreement entered into between Moovartes and every natural person or legal entity that purchases products from Moovartes for professional purposes (B2B context) or private purposes (B2C context) ('the Customer'), including every order, with the exception of offers and/or orders that the Customer places online on, or agreements entered into through Moovartes' webshop (hhttps://www.moovartes.com), to which the general conditions stated there apply.

b) By entering into an agreement with Moovartes and provided that the general conditions were previously made available to the Customer, the Customer acknowledges to be aware of and fully accept these general conditions of sale of Moovartes ('the Conditions'). By entering into an agreement with Moovartes, the Customer expressly waives their own conditions and acknowledges the exclusive effect of these Conditions, unless Moovartes gives its prior, express and written consent to the Customer's conditions. The Customer is expressly informed that the Conditions may change in the future. The Customer is therefore deemed to have read, accepted and approved the Conditions prevailing at that time. However, in a B2C context, the Customer is bound only insofar as Moovartes has given express notice of any amendments to the general conditions.

c) Insofar as Moovartes uses any special conditions and/or deviating provisions in an offer, quotation or agreement, those provisions take precedence over the current Conditions and the current Conditions will then fulfil a supplementary function. Deviations and/or additions to these Conditions are valid only if and insofar as Moovartes has expressly accepted them in writing. If Moovartes has accepted such deviations and/or additions, these Conditions retain a supplementary effect.

Article 2 – Offer - orders

a) Unless expressly agreed otherwise in writing, all offers and/or quotations are without obligation and do not bind Moovartes. Once the Customer clearly and unambiguously places an order with Moovartes in writing (by email, fax or ordinary post), they are bound by their order. An agreement with Moovartes is formed only when Moovartes confirms in writing that it accepts the Customer's written request.

b) Unless Moovartes consents in writing, the Customer cannot cancel an order that Moovartes has accepted. Failing this, Moovartes has the right to charge the Customer fixed compensation of 30% of the order amount (including VAT), notwithstanding Moovartes' right to prove and claim its actual damage suffered. In a B2C context, the fixed compensation amounts to 20% of the order amount, which also applies by analogy in favour of the Customer if Moovartes cancels the order.

Article 3 – Prices

Unless stated otherwise, prices are quoted in euros, based on delivery 'ex works' (Incoterms 2020) and exclude VAT (B2B context) / include VAT (B2C context), customs or import duties and other taxes. If wages, social security contributions, corporation tax, import tariffs, and so forth increase, or exchange rate fluctuations of both domestic and foreign currencies occur, after the agreement is concluded, even if this happens because of a circumstance that was already foreseeable when the offer was issued, these increases may be passed on to the Customer. Moovartes will inform the Customer of this increase immediately and the Customer will then have the option to terminate the Agreement. Moovartes reserves the right to correct mistakes or errors in its quoted prices.

Article 4 – Delivery conditions

a) The delivery periods that Moovartes specifies are purely indicative and are in no way binding on Moovartes unless it expressly states otherwise in writing. The Customer acknowledges and accepts that the delivery of the products is subject to the availability of the products and accessories on the market. If delivery is late, this will not give rise and/or entitlement to compensation, cancellation of the order or termination of the agreement.

b) Risk due to loss or damage passes to the Customer ex works (Incoterms 2020). Transport is always the Customer's responsibility, even if the goods were sold carriage paid to place of destination.

c) Delivery carriage paid is only possible from EUR 125 (excluding VAT).

d) Shipping costs: EUR 17 (excluding VAT) for an order amount less than EUR 125 (excluding VAT).

e) The Customer accepts that the delivery details of the postal/courier service then apply to determine the date of delivery. The Customer is deemed to have taken delivery of the goods on the date that the postal worker/courier presented themselves for delivery at the delivery address, as stipulated in the delivery details of the postal/courier service.

f) In this case, the Customer must somehow check the parcel and the order on delivery. If the Customer notices visible damage on delivery, they must have it recorded on the consignment note within 24 hours, before signing for receipt. The Customer's acceptance of the products without reservation covers any possible defect or non-conformity that could then be identified.

Article 5 – Invoicing and payment

a) Unless agreed otherwise in writing or stated on the invoice, Moovartes' invoices are payable at its registered office within eight days of the invoice date. The Customer is not entitled to demand any discount, to apply setoff, or to withhold an amount for any reason.

b) Notwithstanding the exercise of other rights available to Moovartes, if the Customer fails to pay or pays late, they will be liable to pay the agreed default interest on the outstanding amount at the rate stipulated in Article 5 of the Belgian Act on Combating Late Payment in Commercial Transactions of 2 August 2002, as from the due date of the invoice by operation of law and with no notice of default. The Customer will also be liable to pay fixed compensation of 20% on the outstanding invoice amount (including VAT), subject to a minimum of EUR 40 per invoice, by operation of law and with no demand. If an invoice is unpaid or only partially paid on the due date, or if the Customer fails to comply with any of its other obligations, Moovartes reserves the right, by operation of law and with no notice of default, to suspend performing all agreements with the Customer or to terminate them with immediate effect, with no need for any judicial intervention, and to demand immediate payment of all debts, even those not yet due, or to make deliveries only against cash payment, notwithstanding previous agreements and without prejudice to any other right that Moovartes can assert. The provisions of this Article 5 b) apply by analogy and solely in a B2C context in favour of the Customer with respect to Moovartes if Moovartes does not comply with its obligations, except in case of force majeure.

c) Moovartes may demand that the Customer provide sufficient guarantees to prove their solvency at any time after concluding the agreement.

d) At the risk of forfeiting their rights, and notwithstanding the other provisions of these Conditions, the Customer must submit any complaint about an invoice by registered letter to Moovartes no later than eight days after the invoice date, failing which the invoice will be deemed to have been accepted in full.

e) If the agreement relates to the rental of Kinetec devices and invoices are unpaid or only partially paid on the due date, the Customer must immediately, and within no more than 24 hours, return the Kinetec device and iPad to Moovartes in their original condition and in the original, undamaged packaging.

Article 6 – Retention of title

a) The delivered products remain Moovartes' exclusive property until the price and additional services, including any penalty clauses and interest, have been paid in full. The Customer undertakes, where necessary, to point out Moovartes' retention of title to third parties, for example anyone who tries to attach the products that have not yet been paid for in full. The Customer also undertakes to keep and maintain the products in good condition until the price has been paid in full.
b) If the Customer fails to meet their payment obligations or Moovartes has serious cause to believe that the Customer will not meet those obligations, Moovartes will be entitled, with no form of notice of default or any judicial intervention, to retrieve/repossess the products delivered under retention of title and to do so at the Customer's expense. Late payment of an invoice constitutes serious cause to believe that the Customer will not fulfil their obligations and entitles Moovartes to immediately suspend performing its services and to repossess the products subject to its retention of title. The Customer irrevocably authorises Moovartes to enter the place where those goods are located and to physically retrieve/repossess those goods, or if mounted on movable or immovable property, to dismantle and retrieve/repossess those goods.

Article 7 – Intellectual property

Drawings, technical descriptions, designs and calculations made by Moovartes or on its instructions remain Moovartes' property. These items may not be made available or shown to third parties with a view to obtaining a comparable quotation. They also may not be copied or otherwise reproduced without Moovartes' express written consent. The documents, plans and descriptions form an integral part of the agreement.

Article 8 – Complaints

a) To be admissible, complaints other than those mentioned in Article 4.f regarding the quality and/or quantity of the delivered products must reach Moovartes by registered letter: (a) in case of a complaint regarding a non-conforming delivery when inspection is not possible as provided in Article 4.f, immediately after the delivery (or within 24 hours at most); (b) in case of a complaint regarding a non-conforming invoice, within three (3) days of receipt of the invoice; and (c) in case of hidden defects, within sixty (60) days of the Customer discovering the defect or of when the Customer could reasonably have made the discovery. However, to be admissible in a B2C context, complaints regarding the quality and/or quantity of the delivered products must reach Moovartes by registered letter within these periods: (a) in case of a complaint regarding a non-conforming delivery when inspection is not possible as provided in Article 4.f, immediately after the delivery (or within five (5) days at most); (b) in case of a complaint about a non-conforming invoice, within seven (7) days of receipt of the invoice; and (c) in case of hidden defects, within sixty (60) days of the Customer discovering the defect or of when the Customer could reasonably have made the discovery.
Failing this, the Customer will forfeit their rights. Notwithstanding the foregoing, Moovartes can be held liable for hidden defects only (i) if it is shown that the defect was already present at the time of collection and/or delivery, and (ii) provided that the defect manifests itself within twelve (12) months of the delivery date.
b) Defects caused by accidents, negligence or misuse (by the Customer personally or by third parties) are not covered by the warranty. The warranty also ceases to apply if the Customer and/or third parties have made adjustments to or carried out work on the products.
c) Unless Moovartes and its employees and/or agents act intentionally and/or are grossly negligent, Moovartes will never be liable for trading loss, indirect loss, and/or consequential loss (such as, but not limited to, loss of time, emotional damage, loss of income, and loss of an opportunity), which would directly or indirectly result from the products sold or be related to them. Moovartes is not liable for damage arising as a direct or indirect consequence of force majeure, errors and/or omissions of the Customer and their legal or actual employees, or any other external cause. Any contractual or non-contractual liability and/or obligation of Moovartes is always capped at the amount actually paid by the Customer for the order concerned, excluding VAT.

Article 9 – Force majeure

a) If the performance of Moovartes' obligations becomes impossible or more difficult, expensive and/or time-consuming than foreseen at the time of the Customer's purchase, Moovartes may suspend performing the Agreement for the duration of the force majeure event or definitively terminate the Agreement by means of a written notice to the Customer, without owing any compensation. If the period of force majeure lasts longer than six (6) months in a B2C context, the Customer may terminate the agreement free of charge.
b) Force majeure is any circumstance beyond Moovartes' will and control that prevents it from performing all or part of its obligations. Moovartes defines force majeure as including strikes, fire, operational disruptions, energy failures, failures in a telecommunications or other network or connection, in the communication systems used, measures imposed by the government, a lockdown, pandemic, war, a failure to deliver or late delivery by suppliers, and so forth.

Article 10 – Invalidity – waiver

If any provision of these Conditions is declared invalid, illegal or void, this will in no way affect the validity, legality and applicability of the other provisions. If Moovartes fails to enforce any of the rights summarised in these Conditions or to exercise any associated right at any time, this will never be construed as a waiver of such provision and will never affect the validity of such rights.

Article 11 – Protection of privacy – GDPR

The Customer's personal data will be processed in accordance with Moovartes' privacy notice: https://www.moovartes.com/pagina/klantendienst/privacy-policy/ (in Dutch).

Article 12 – Disputes

a) Only Belgian law, to the exclusion of the rules of private international law, applies to all agreements concluded by Moovartes.
b) Only the Antwerp Enterprise Court, Tongeren division has jurisdiction to hear any disputes regarding the conclusion, validity, interpretation, performance or non-performance of the Agreement or of these Conditions, notwithstanding Moovartes' right to summon the Customer to appear before the competent court for their place of residence or registered office. In a B2C context, the courts of the Customer's place of residence have jurisdiction.

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