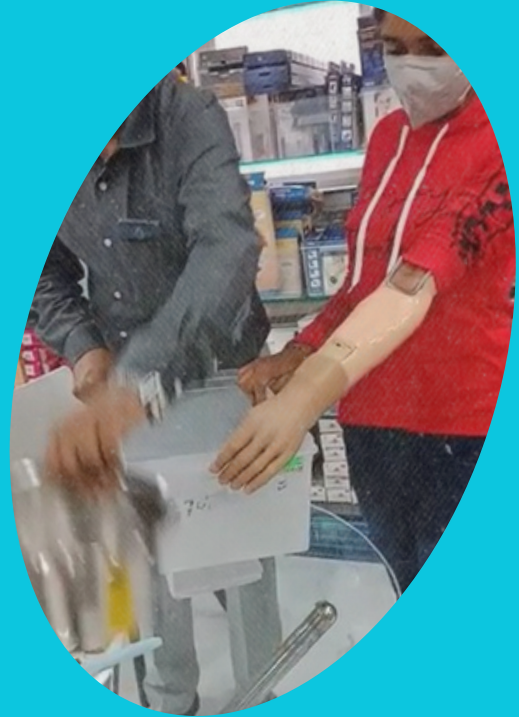




Innovation for rebuilding life



**We have service centers in  
Surat, Mumbai, Kolkata,  
Pune, Goa**

Contact us - 7420960476,  
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**[www.evolutionhealth.in](http://www.evolutionhealth.in)**

# Company Profile



**Dr. Dillip Kumar Sahoo**  
**Managing Director**



**Dr. Khyati Vansadavala**  
**Clinical Head**

**Overview:** Evolution Healthcare Pvt. Ltd. is a leading manufacturer and provider of high-quality medical devices and healthcare solutions. Founded in 2011, the company has established itself as a trusted name in the industry, known for its commitment to innovation, quality, and customer satisfaction.

**Mission:** To enhance the quality of life for individuals through innovative and effective medical solutions, providing comfort, mobility, and improved health outcomes.

**Vision:** To be a global leader in the healthcare industry, recognised for our excellence in manufacturing and delivering advanced medical devices and solutions that meet the diverse needs of our customers.

**Core Values:** Innovation, Quality, Customer Focus, Integrity, are our core value.

**Research and Development:** Evolution Healthcare Pvt. Ltd. invests significantly in research and development to stay at the forefront of medical technology. Our dedicated R&D team collaborates with healthcare professionals and researchers to innovate and refine our product offerings.

**Global Presence:** With a strong domestic market presence, Evolution Healthcare Pvt. Ltd. is also expanding its reach internationally. We aim to serve a global customer base, providing reliable and effective healthcare solutions worldwide. Evolution Healthcare Pvt. Ltd. is dedicated to making a positive impact on the lives of individuals by delivering exceptional medical devices and healthcare solutions. Our commitment to excellence and innovation drives us to continuously improve and expand our product range, ensuring we meet the needs of our customers and healthcare providers.

**[www.evolutionhealt.in](http://www.evolutionhealt.in)**

# Our servicess

## Lower Limb Prosthesis

### Below knee prosthesis

Below-knee (BK) prosthesis, also known as a transtibial (TT) prosthesis, is a custom-made device for people who have had a BK or TT amputation. The prosthesis is made up of a custom-made socket, liner, pylon, and foot. It may also include a sleeve or other harness, depending on the suspension system used for that patient.



### Above knee Prosthesis

An above-knee (AK) or transfemoral (TF) prosthesis is custom-made for a person who has had an AK or TF amputation. The prosthesis consists of a custom-made socket, liner, knee, pylon, and foot. Sometimes, the prosthesis may include a sleeve or other harness, depending on the suspension system used for that patient.



### Hip Disarticulation Prosthesis

Hip disarticulation (HD) and hemipelvectomy (HP) are the most proximal amputations of the lower extremity. Although the two amputation levels are similar in appearance, they feature important anatomical differences. An HD is performed directly through the hip joint, whereas an HP includes the removal of the entire hip joint along with a section of the pelvis on the same side.



# Prosthetic Foot

## SACH FOOT



It consists of a rigid keel and soft covering without ankle articulation, where the heel absorbs the shock and the forefoot simulates the dorsiflexion of the foot. This type of prosthesis is only suggested for people with very low activity levels or for indoor activities.

## Active foot

carbon fiber foot prosthesis is lightweight and durable, providing high energy return and improved performance. It is ideal for active users due to its flexibility and strength, enhancing mobility and comfort.



## Assure foot

Designed specifically for slower-speed walkers, the Flex-Foot Assure features an active heel combined with a full-length keel, working together to protect the vulnerable sound limb.



## Proflex XC foot

The Pro-Flex XC foot reduces the need for active push-off, equalizes stride length, and reduces joint impact for ultimate comfort. It features a proprietary 3-blade design with a full effective toe lever and an anatomical split toe.



## Proprio Foot

Proprio Foot is an adaptive microprocessor controlled ankle for low to moderately active amputees, designed to improve safety by increasing toe clearance in swing phase and adapting to changing terrain.





# Knee Joint

## ECO-M2 Knee joint



The ECO-M2 Four Bar Knee Joint is a robust prosthetic component designed for stability and natural movement. Its four-bar linkage system provides a more natural gait by improving knee stability during the stance phase and enabling smoother knee flexion during swing phase. Ideal for low active users requiring a reliable and efficient knee joint for daily activities.

## Safty knee joint



The Safety Knee Joint features a friction knee with stance control, ensuring a smooth swing. It includes a friction-activated brake and extension assist, providing enhanced stability and safety. Available in titanium or stainless steel, it offers durability and reliability for various users.

## ASPIRE P1 Knee Joint



The Aspire P1 Knee is a pneumatic polycentric knee joint with a sturdy aluminium frame. It is designed with higher ground clearance to promote a more confident gait. This device features an individually adjustable swing phase, allowing for separate adjustment of flexion and extension resistance.

## Safety K-601 Knee Joint



The Safety K-601 Knee Joint is a pneumatic, monocentric knee joint with a weight-activated brake function. The finely adjustable brake allows customization to the user's safety needs, ensuring adjustable braking behavior for enhanced security.

## Total 2100 Knee Joint



The Total Knee 2100 is a polycentric knee with 3-phase hydraulic swing control, designed for active amputees. It offers high stability, control, efficiency, and durability, featuring a geometric locking system for multi-speed ambulation, higher impact levels, and heavier loads.

## Rheo Knee Joint



The Rheo Knee detects your movements, allowing for natural and effortless walking, even on difficult terrain. Its microprocessor-controlled system adapts to your unique walking style, making it easy to navigate slopes, stairs, tight spaces, or a brisk pace. Össur's RHEO KNEE offers a robust design with intuitive programming and enhanced stability controls for personalized confidence and trust.

# Prosthetic silicon liner



**evolution  
indian made  
liner**



**PUsh  
silicon liner**



**Loking liner**



**Aspire  
silicon  
liner**



**Iceross  
Seal-In Liner**



**5X SEAL IN  
LINER**

A prosthetic liner envelops and shields the residual limb like a second skin. It plays a crucial role in the suspension system of the prosthesis, enhancing comfort and reducing the risk of skin irritations. Prosthetic liners serve two primary functions: skin protection and limb suspension. They are typically replaced every six months, and it is uncommon for a liner to last longer than two to three years.

## Suspension System

### STANDARD SOCKET WITH BELT SUSPENSION

Auxiliary suspension is the traditional method for securing the socket and preventing it from detaching during the swing phase. Despite being an "old" suspension method, it is still used today due to its affordability, simplicity, reliability, and durability. This can range from a simple soft strap or cuff to a very rigid band around the pelvis.



### SOCKET WITH SILICONE LINER & SHUTTLE LOCK

Auxiliary suspension is a type of prosthesis that uses a pin-locking system to secure the prosthesis to the limb. The liner provides cushioning and comfort, helping to protect the residual limb from abrasion and breakdown. The shuttle lock system employs a pin that locks into a mechanism at the bottom of the socket to create a secure suspension.



### SOCKET WITH SUCTION SUSPENSION(LINER/NO LINER)

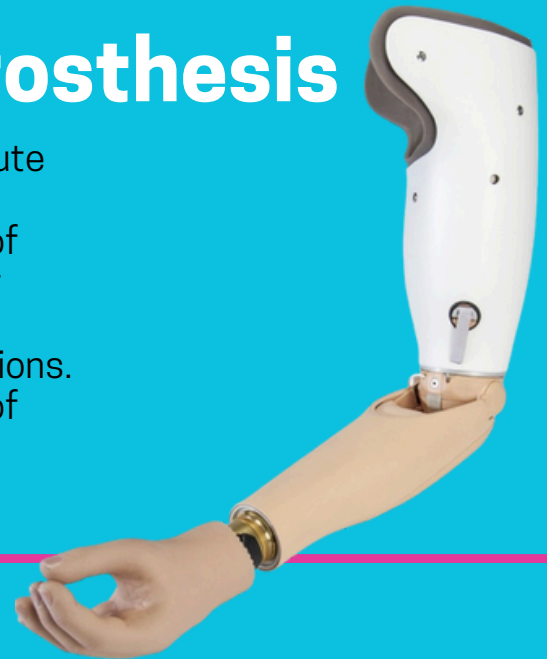
The suction suspension is achieved through direct contact between the liner (or the membranes on the liner) and the socket wall. In this setup, a device/pump withdraws the air from between the liner and the socket, generating a negative pressure uniformly across the entire surface. To secure the system, an outer sleeve or seal is employed at the socket's upper end.



# Upper Extrimity Prosthesis



An upper limb prosthesis serves as a substitute for a missing limb. The choice of prosthesis offered depends on your requirements, way of life, objectives, and financial coverage. Upper limb amputations vary widely in severity, and there exists a diverse array of prosthetic options. Below are outlined three general categories of upper limb prostheses.



## Cosmetic Hand



A cosmetic hand, also known as a passive prosthesis, is a prosthetic device that remains stationary on its own. These prostheses are lightweight and enhance functional ability by offering a stable surface for stabilizing or carrying objects. They also aid in maintaining balance and engaging in recreational or occupational activities. The user must manually manipulate them using their other hand, or by pushing and positioning them against a leg or nearby surface.

## Mechanical Hand

Mechanical hands, also known as body-powered prostheses, can restore the capability to grasp and manipulate objects, supporting the user's functional needs. Terminal devices in body-powered prostheses are commonly controlled via a harness and cable system. Movements from the upper arm, shoulder, and chest are harnessed by the harness and transmitted to the cable mechanism, enabling the opening and closing of the hook or hand



## Myo-Electric Hand



Myoelectric prostheses are equipped with motors and batteries to power their movement. These devices are controlled by the electrical activity generated by the muscles in the remaining limb, processed by a microprocessor. Myoelectric prostheses are considered the most functional option for upper limb amputees, offering users a sense of controlling the same nerves as they did before the amputation. Users have reported improved dexterity, grip strength, and force.

## Bionic Hand

A bionic hand allows each of its five fingers to move independently, enabling a variety of grip patterns by using sensors that detect muscle signals from the residual limb. This advanced functionality empowers users to perform precise and complex tasks, significantly enhancing their ability to interact with objects in everyday life.



# Custom made Orthosis

An orthosis is typically a uniquely designed or customized device applied to the external part of the body to offer support and protection to a specific area. It incorporates biomechanical principles to realign joints and alleviate pain. The design, materials, and function of the orthosis are based on a patient assessment, including their medical history, biomechanical principles, and individual needs.

## Lower Limb Orthosis



Insole



SMO



AFO

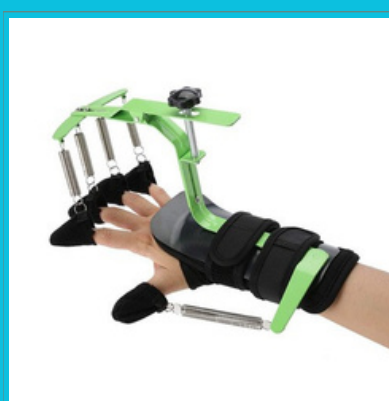


KAFO

## Knee Brace



## Upper Extrimity Orthosis





# Diabetic Foot Care Solution

Diabetic shoes are specially designed footwear intended to reduce the risk of skin breakdown in people with diabetes who have poor circulation, neuropathy, or foot deformities. These shoes provide extra depth to accommodate custom orthotics and to prevent pressure points that can lead to ulcers. They offer enhanced support, cushioning, and a comfortable fit to protect sensitive feet, helping to prevent injuries and complications associated with diabetic foot conditions.

Diabetic shoes are specifically designed to help prevent and manage foot ulcers in individuals with diabetes. Here's how they achieve this:

1. **Pressure Distribution:** Diabetic shoes evenly distribute pressure across the foot, reducing high-pressure areas that can lead to ulcers.
2. **Extra Depth and Width:** These shoes provide extra depth and width to accommodate custom orthotic inserts and swollen feet, preventing friction and pressure points.
3. **Protective Padding:** Enhanced cushioning protects sensitive areas from impacts and reduces the risk of injury.
4. **Seamless Interiors:** The inside of diabetic shoes is often seamless to prevent irritation and rubbing that could lead to sores.
5. **Custom Orthotics:** Diabetic shoes can accommodate custom orthotic inserts, which are tailored to the individual's foot shape and provide additional support and pressure relief.



By addressing these factors, diabetic shoes play a crucial role in preventing and managing foot ulcers, thereby reducing the risk of complications and promoting overall foot health.



# Pressure Garmment

Your paragrPressure garments are specially designed, tight-fitting clothing made from elastic materials. They are commonly used in the medical field for several purposes, including:



1. Scar Management: Pressure garments are often used to minimize the appearance of scars following burns, surgery, or injuries. By applying consistent pressure to the skin, they help flatten and soften scar tissue, improving its appearance over time.
2. Lymphedema Treatment: For individuals with lymphedema, pressure garments can help reduce swelling by promoting the movement of lymph fluid and preventing fluid buildup.
3. Support and Compression: These garments provide support to various body parts, enhancing circulation and reducing pain and discomfort. They are commonly used by athletes and individuals with conditions like varicose veins.
4. Burn Rehabilitation: Pressure garments are a critical component in burn rehabilitation, helping to prevent the formation of hypertrophic scars and contractures by providing constant pressure to the affected areas.
5. Post-Surgical Recovery: Following certain surgeries, pressure garments can help manage edema (swelling) and support healing tissues, improving the overall recovery process.

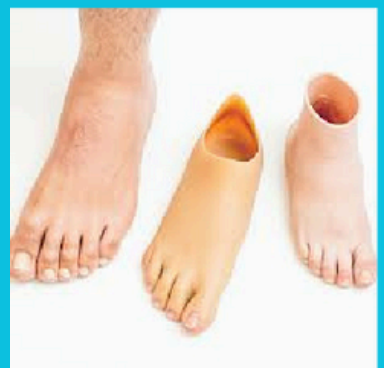
Overall, pressure garments are a valuable tool in medical treatment, offering therapeutic benefits for various conditions by applying controlled compression to the body.

# Silicon Cosmetic Restoration

Silicone cosmetic restoration refers to the use of silicone-based prosthetics to restore the appearance of missing or damaged body parts. These prosthetics are designed to closely mimic the look and feel of natural skin, providing both aesthetic and functional benefits. Here's an overview:

1. **Realistic Appearance:** Silicone prosthetics are custom-made to match the color, texture, and shape of the individual's skin and body part. This results in a highly realistic appearance, helping to restore the patient's natural look.
2. **Durability and Comfort:** Silicone is a durable material that can withstand daily wear and tear. It is also flexible and comfortable to wear, making it suitable for prolonged use.
3. **Applications:** Silicone cosmetic restorations are commonly used for various body parts, including facial features (such as ears, noses, and eyes), fingers, hands, and breasts. They are also used for restoring areas affected by burns, injuries, or surgical procedures.
4. **Attachment Methods:** These prosthetics can be attached using medical-grade adhesives, magnets, or mechanical retainers, ensuring they stay securely in place while allowing for easy removal when necessary.
5. **Customization:** Each silicone prosthesis is custom-made based on detailed measurements and molds of the patient's body. This ensures a precise fit and a natural appearance.
6. **Psychological Benefits:** Beyond the physical restoration, silicone prosthetics can significantly boost the patient's self-esteem and confidence by improving their appearance and helping them feel more comfortable in social situations.

Silicone cosmetic restoration offers a highly effective solution for individuals seeking to regain their natural appearance and improve their quality of life following trauma, surgery, or congenital conditions.



# Wheel Chair



Our high-quality wheelchair offers exceptional comfort, durability, and maneuverability. Designed with a lightweight yet robust frame, it features adjustable seating, ergonomic controls, and smooth-rolling wheels for effortless mobility. Ideal for both indoor and outdoor use, this wheelchair provides superior support and customizable options to meet individual needs.

Our sports-quality wheelchair is engineered for performance and agility. It features a lightweight, durable frame, enhanced stability, and responsive handling. Designed for athletes, it offers adjustable components and superior ergonomics, ensuring optimal speed, control, and comfort during intense physical activities.



Your paraOur CP (Cerebral Palsy) wheelchair is designed to provide optimal support and comfort for individuals with cerebral palsy. It features adjustable seating, specialized cushioning, and secure restraints to accommodate varying needs and improve posture. This wheelchair offers enhanced stability and ease of maneuverability, ensuring safe and comfortable mobility. raph text



# Patient Testimoney

## **Dewang Patel (above knee prosthesis Use ,Suart)**

"I had my above knee prosthesis fitted at the Surat center by Dr. Khyati, who is incredibly experienced and understands patients' needs very well. For the past six years, I have been using the same artificial leg, which is exceptionally comfortable. I never feel tired and can engage in all activities like any normal person. Now, my friends and family members no longer offer to help me travel; instead, they seek my assistance. This has been my experience with Evolution Healthcare Pvt. Ltd. I highly recommend that all prosthetic users visit this center at least once to understand why Evolution Healthcare offers the best prosthetic services."

## **Bhusan Naik (above knee prosthesis Useer ,Pune)**

I am incredibly comfortable with the prosthesis and the service provided by Evolution Healthcare Pvt. Ltd. Before finding Evolution Healthcare, I tried several prostheses, but they were uncomfortable. Additionally, whenever I requested changes, I faced exorbitant charges. However, over the last three years with Evolution Healthcare, I haven't spent a single penny on adjustments. I can now walk comfortably without any support and have even enjoyed activities like hiking. I am deeply grateful to Evolution Healthcare and especially to Dr. Dill Kumar Sahoo, whose expertise has brought immense joy back into my life even after my amputation

## **Jay Ben Radadiya (KAFO User From Mumbai )**

Initially, I was hesitant to use a Knee-Ankle-Foot Orthosis (KAFO) because previous ones from different clinics were uncomfortable. However, after discussing my concerns with Dr. Dillip, he patiently counseled me for two years about the benefits of using a KAFO. Eventually, I decided to get one from Evolution Healthcare.

Over the past five years, this KAFO has significantly improved my life. It helps balance my muscles, reduces lateral bending, and allows me to stand and work continuously for hours without discomfort.

Recently, I've even started morning and evening walks, covering 5 kilometers daily. My husband noticed my progress and has started using a KAFO himself. Several of my relatives have also followed suit. They all echo the same sentiment: their lifestyles have seen remarkable improvements since using KAFOs from Evolution Healthcare.

## **Purojit RakshitBelow knee Prosthesis user Kolkata**

I am 57 years old and have been using a below knee prosthesis made by Evolution Healthcare Pvt Ltd for the past 7 years. Before finding Evolution Healthcare, I had prostheses from two different clinics that were not good and very uncomfortable to use due to my small stump and prominent bony areas. Poor socket fitting led to frequent wounds. Dr. Dillip made my socket at Evolution Healthcare, and it has been incredibly comfortable. Whenever I need adjustments or services, I always go to him because he understands my needs perfectly. His experience and ability to achieve comfort quickly have made a significant difference for me. I am grateful to Evolution Healthcare for their support and excellent services.

**"We have many more happy customers whose testimonials we can't publish in this small space. To learn more about their experiences, please visit our Google page."**



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