

CENTRES AT

DELHI	: A-4, Naraina Indl. Area, Phase-1, New Delhi-110028. Tel.: 011-45689999, 0-9711866659, 0-9312502055 Fax: 91-11-25891543
MUMBAI	: 13B, Ground Floor, Plot No. 399, 7C, Udyog Mandir No.1, Bhagoji Keer Marg, Near Paradise Cinema, Mahim (W), Mumbai-400 016 Tel.: 09322650592, 022-24443965 / 022-24443978
KOLKATA	: 47-A, Diamond Harbour Road, (Near Taratala Crossing and D.A.V. Public School), Kolkata, West Bengal-700 038. Tel.: 033-23995297, 24074085, 0-9051377495, 0-9331830450 Fax: 033-24456422
CHENNAI	: AA23, 3rd Street, 3rd Main Road, Anna Nagar, Chennai-600 040. Tel.: 044-26213471, 0-9382120022, 0-9382325304 Fax: 044-26213971
HYDERABAD	: Door No : 8-2-269/S/88/1, Plot No:88, Street No:7, Sagar Society, Road No:2, Banjara Hills, Hyderabad-500038. Tel.: 040-42024858, 42024857, 0-9392485609, Fax-040-40038953
BANGALORE	: 38 (GF) 3rd Cross, Victoria Layout, Bangalore-560 047. Tel.: 080-41127641, 0-9342533799 Fax : 080-41127515
AHMEDABAD	: GF-7, Madhur Complex, Opp. Shreeji Palace, Near Navrang High School, Naranpura, Ahmedabad-380 013. Tel.: 079-27683472, 0-9328925860 Fax : 079-27683312
JAIPUR	: D-23, Indrapuri, Lalkothi, Pankaj Singhvi Marg, Apex Lane, Near Vidhya Sagar Institute, Jaipur-302015 Tel.: 0141-3103834, 0-9929099363 Fax : 0141-4037399
LUCKNOW	: D-1408, Indra Nagar, Near Kaleva Chauraha, Lucknow 226016. Tel.: 0522 - 2356092, 0-9305459514, Fax : 0522-2702369
INDORE	: House No. 33-HIG Vijay Nagar, Opp. Mangal City Mall Indore (MP) 452001 Mob. No. : 0-9303331859, 0731-2554950
RAIPUR	: G-8, Sector-1, Avanti Vihar, Telibandha, Near SBI ATM, Raipur - 492 006. Tel. : 0771-4074918, 0-9630082530 Fax : 0771-4269607
PATNA	: Plot No.-7G, Patliputra Path, Rajendra Nagar, Patna-800 016 Tel.: 0612-2670590, 0-9304115164, 0-9955996360
ERNAKULAM	: Ground Floor, RF Complex, Deshabimani Road, Kaloor, P.O. Kochi- 682 017. Tel.: 0484 - 2536055, 0-9020503415
MANGALORE	: Door No.: 19/1540, Taj Compound, M.R. Bhat Lane, Near St. Antonys Jacobite Sprian Cathedral Church, 2nd Bridge, Jeppu Morgangate, Mangalore - 575 002 Tel. : 0824-3258652, 0-9900924966
RANCHI	: H-144, Harmu Housing Colony (Near Harmu Electric Substation), Harmu bypass, Ranchi-834 001 Tel.: 0651-6003307, 2340401, 0-9470580133
COIMBATORE	: 9th, 2nd Avenue, Sivanandha Colony, Tatabad, Coimbatore-641 012. Tel. : 0422-2499221, 0-9382808020
VISHAKAPATNAM	: Door No: 9/29/13, Ground Floor, Balaji Nagar, Siripuram Extn., Vishakhapatnam - 530 003. Tel. : 0891-6637264, 0-9959640688
NAGPUR	: 142, Golcha House, New Colony, Byramji Town, Sadar Nagar, Nagpur - 440013. Tel.: 0712-2592900, 0-9823131041 Fax: 0712 - 2592900
LUDHIANA	: Jeevan Tower, B-XIX / 1348 / 127C, 33 Feet Road, Rishi Nagar, Near Kali Mata Mandir, Ludhiana - 141001 Tel. : 0-9914989222
MADURAI	: Plot No.- 157, K. K. Nagar East Ist Main Road, Madurai - 625 020. Tel.: 0452-2569828, 0-9487469828
BHUBANESWAR	: Plot No.- 1243/5630/8309, Pandra, Satya Bihar, Rasulgarh, Opp. Saptasati Mandir, Bhubanewar, Orissa - 751010 Tel.: 0674-2579809, 0-9937008903 Fax : 0674-2579609
BHOPAL	: E-7/60, Ashoka Society Arera Colony, Bhopal - 462016 Ph. No. : 0-7554294092, 0-9179894212
VADODARA	: Ground Floor - 20, Nirman Society, Near CROSSWORD, Opp. Officer's Flat Q-Block, Rustam Patel Marg, R.C. Dutt Road, Alkapuri, Vadodara-390007 Tel : 0265-2355646, 0-9879604241
GUWAHATI	: House No.-7, Amritpur Path (Lane), Near Dispur Hospital, Ganeshguri, Charali, Guwahati-781006 Ph. No. : - 0361-2235035, 2235043, 08876551936
VIJAYAWADA	: Plot No: 62, 4th Lane, Kanaka Durga Gazetted Officer's Colony, Near Gurunanak Colony, Vijayawada-8 Ph. : 0866-2545300, 08341132106
NASIK	: 7, Bilwadal Racca Colony, Sharanpur Road, Nasik - 422002 Tel. 0253-2310340 Mob. : 0-9421319056
SRINAGAR(J&K)	: Taj Plaza, Below J & K Bank, Jawahar Nagar, Srinagar-190 008. Tel. : 0194-2312429, 0-9419095351
SOLAPUR	: 98, Rukmini Residency, Vaman Nagar, Jule Solapur, Solapur-413 004, Maharashtra. Tel.: 0217-2302678, 0-9028977463
SHILLONG	: Kharmalki, Malki, (Near - Springfield School) Shillong, Meghalaya-793 001. Tel.: 0-9863022025, 0-9774134760
CHANDIGARH	: Plot No. 1005, Industrial Area Ph. II, Chandigarh Tel. : 0172-2641633, 5061633, 0-9815006533, 0-9256256124
AMRITSAR	: I.N.A. Colony, Opp. G.P.O. Court Road, Amritsar, Punjab - 143 001 Tel. : 0183-3226145, 0-9855610307, 0-9814250972, 0-9914989222
PUNE	: 6, Lila Co-op. Housing Society, Aggarwal Colony, 784-Bhawani Peth, Pune-411 042. Tel. : 020-026344188, 0-9371010925, 0-9225502466, 0-9326551857
AGARTALA	: G S Health Care, Near Star Hotel, Netaji Subash Road, Agartala, Tripura (West) Pin - 799001, Ph. No. : 09436358095, 09189626381, 09089173959
SURAT	: L-1 Mahan Terrace, Opp. Bhulka Bhavan, Adjacent Main Road, Surat -395 009 Mobile - 9558713229, 9879604241
VARANASI	: D-58/16-6, Behind Ashok Hotel, Ashok Nagar, Siga, Varanasi - 221 010. Ph. 0542-2220832, 07499274238, 0-9305459514
KANPUR	: 117/L/229, Naveen Nagar, Kanpur - 208025 Tel. : 0-8127928332, 0-9305459514
DHAKA	: 5/5, Block-A, Ground Floor, Iqbal Road, Mohammadpur, Dhaka - 1207, Bangladesh. Tel. : 0088-01674722219, 21711538704, 01819197565.
COLOMBO	: 57, W.A.D. Ramanayake Mawatha, Colombo 02, Sri Lanka. Tel. : +94 114 361 350, +94 114 361 340

CIN : U74899DL1995PLC074425

E-mail : info@endoliteindia.com
Website : www.endoliteindia.com

All India Customer Care No. :
91-11-45689955

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ENDOLITE INDIA LIMITED

A Prosthetic & Orthotic Service Provider Company



High Technology Prosthetic & Orthotic Products

All India Customer Care : 91-1145689955

SERVICE NETWORK



FEEDBACKS



" According to my opinion there is no other place as good as Endolite. It does not any solve your problems, but it brings you back to where you were before. Good Work, Great services."

Agnelo Smith
Partial Foot Amputee, Kolkata

" I wish I knew of Endolite earlier. My level of confidence & comfort has already started to rise after wearing my new calipers. Keep up the fantastic work. God bless all of you."

Mr. Cyrus Kharash
Bil. Poliomyelitis, Lucknow

" I and my family are grateful/thankful for the excellent team work of Endolite, I am extremely happy with the aptitude/behavior/ training of the staff."

Dr. Arvind Sharma
Trans Tibal Amputee, Raipur

"I feel that I got my original hand back. Now I am able to perform most of my work. Lot of wishes and thanks to Endolite."

Mr. Manish Pandey
AE Amputee, Varanasi

" I got the new life after fitted with Endolite artificial limb. Now I don't have any feeling that I have lost my leg. Thanks to Endolite to make me feel like this. Once again thanks to all Endolite staff."

Miss Tanyade Gazalade Paviya
Trans Tibial Amputee, Varanasi

" I enjoyed my stay in India because the Endolite staff were wonderful and made it fun. The level of professionalism and client care is superb. Thank you."

Ms. Nwafo Nweze
Through Knee Amputee,
Abuja, Nigeria

" Excellent service provide under a freindly comorting and supportive environment. I'm impressed."

Ms. Melody Zvekare
AE Amputee, Harare, Zimbabwe

" I am fully satisfied & happy with the prosthesis. They treated me as sister and they motivated me to walk freely without any support. I shall pray for them ever. God bless them for doing such a great job. Thanking you."

G. Mercy Christina
An above Knee amputee,
Andhra Pradesh

"My appreciation for the entire Endolite staff. I'll never forget their kindness.Thanks."

Eng. Abrar Kadree
AK amputee, Afganistan

"I am very happy with my hands and I feel that I have taken a new birth, I came to Jaipur with tears in my eyes but returning with smile on my face."

Surajmal Meena
B/L BE Amputee, Rajasthan

"I am very happy. When I go to back to Afganistan, I' ll describe the good qualities of your people and that this country is very nice."

Khan Jan
BK Amputee, Afghanistan

"Very professional care and treatment. The staff was committed to giving an excellent service. I am now walking better than ever since my accident. Thank you."

Christine Johnston
BK Amputee, Goa

"This is my 3rd leg, 1st in India and best fit of all. Thanks to all who helped. As we say in Australia 'Top Job'."

Martin Hazzel
AK Amputee, Australia

COMPANY PROFILE



Endolite India Ltd., an ISO 9001:2008 Company was established on 07 Dec 95. It is a rehabilitation services company focussed on Prosthetic & Orthotic services through its Company run clinics and dealers. It is managed by a Board of Directors & has its Registered Office at A-4, Naraina Industrial Area, Phase-I, New Delhi-110028. Padma Shri Mr. Surinder Mehta, the Chairman, heads Prime Group of Companies of which Endolite India Limited is a part. His effort to introduce, adapt and diffuse hi-technology innovations in India led to state of the art technology in the Prosthetics & Orthotics field being brought into the Country. The day to day running of the Company is managed by a Managing Director. The Company has built its reputation through innovation, quality services and customer care.

Company Mission

To provide reliable, cost effective, technologically superior Prosthetic & Orthotic products with technical & clinical support to maximize benefits to practitioners and their patients in India & its neighbouring countries.

Company Philosophy

The Company is dedicated to provide Prosthetic & Orthotic products and services of the highest quality and precision at reasonable cost for abiding customer satisfaction.

Aims & Objectives

The Company has the following aims & objectives :

- To manufacture, assemble and carry out fittings of high tech artificial limbs and other Prosthetic and Orthotic appliances and components to the physically challenged persons.
- To establish and run Prosthetic & Orthotic Limb Centres in New Delhi and Other cosmopolitan towns of the Country in order to provide first Class clinical Prosthetic and Orthotic services. This would repairs, refitments and replacement of components.
- To provide Prosthetic & Orthotic services through franchisee/stockist.
- To provide ENDOLITE and other selected Prosthetic & Orthotic products

to hospitals, institutions, clinics, limb fitting centers and individual as per their requirements.

- To promote ENDOLITE and other selected Prosthetic & Orthotic products.
- To undertake training of Prosthetic & Orthotic engineers and technicians in ENDOLITE systems and promote seminars & studies in Prosthetic & Orthotics.

Product Range

The Company fits the entire range of Prosthetic & Orthotic systems for lower & upper extremities. It imports these systems from leading Prosthetic and Orthotic companies in from all across the globe.

Quality Assurance

The Company is an ISO 9001:2008 company. It's quality of products and the services provided are of the highest quality.

Premises

The Company offices are located in New Delhi and it runs P&O Clinics in all major cities.

Services

Our services cover the entire range of Prosthetics and Orthotics with specialisation in lower extremity prosthetics. Once the initial contact is made, consultation is arranged at the nearest Endolite Centre/ residence/ hospital. Detailed physical examination is done and clinically appropriate prescription, tailored to the patient's needs is made. Once the patient agrees to the receive our services, our Prosthetists & Orthotists, trained and experienced in the "State Of Art" technology proceed to make the Prosthesis/Orthotics. The process involves extensive training in its use and culminates a life like cosmetic finish. The services cover a care and maintenance package and an assured warranty.

PATIENT REHABILITATION PROCEDURE



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LOWER LIMB PROSTHESES - ANKLE & FEET



Esprit Foot



- Low profile energy storing and return design
- Tripod stability system
- e-Carbon layup
- Truly independent heel & toe
- Easy to cosmetically finish

Epirus



- Multi-axial rotation with tri-pod stability system
- Low profile energy storing and return design
- Biomimetically engineered to provide more natural ankle motion
- e-carbon layup
- Truly independent heel & toe
- Easy to cosmetically finish

Elite Foot 2



- It is the all terrain foot as twin toe adapts and conforms to rough and smooth surfaces with optimized energy return.
- Active shock absorption & forward progression provided by the e- carbon heel.
- The V-shaped heel spring has progressive stiffness and allows smooth, vertical deflection of the foot under axial load, giving a similar effect to a shock pylon.

EliteVT



- Dynamic precision engineered spring incorporates vertical compression and axial rotation.
- Progressive response to axial loading, which is most similar to the elastic properties of the natural muscles
- Compact maintenance free design allows for easy cosmetic finish
- e-carbon layup
- Truly independent heel & toe

Echelon



- Independent hydraulic controlled plantar and dorsi flexion
- Self aligning feature provides comfort while traversing varied terrain
- Biomimetic design to simulate more natural ankle motion
- Hydraulic ankle allows for greater toe clearance in swing phase e-carbon layup
- Truly independent heel & toe

Elite Blade



- e-carbon foot with independent springs
- Dynamic pylon enhances shock absorption
- Lightweight because of extended blade
- Maximum energy return
- Promotes dynamic tibial progression

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LOWER LIMB PROSTHESES - ANKLE & FEET



Elan Foot



- Microprocessor controlled terrain response
- Adaptive dorsi-flexion and plantar-flexion
- Variable response to speed changes
- Foot response increases as incline increases
- Sensors initiate change instantly
- Batteries contained within ankle
- No ungainly battery or program devices to be attached proximally

Ranger Foot



- It is comfortable, light weight, durable and simple to use.
- SACH foot with separate great toe.
- Injection moulded, strong keel.
- Effective cushioning at heel.
- High durability under all conditions.
- Weight limit 100 kgs.
- Comes in Nylon and Wooden keel.

Syme's Foot



- Moulded syme's foot allowing clearances of 25mm.
- Heel densities available in soft, extra soft, firm & extra firm.

Multiflex Foot & Ankle



- Multi talented combination.
- Torsional movement, inversion and eversion provides comfort and stability as per individual requirement.

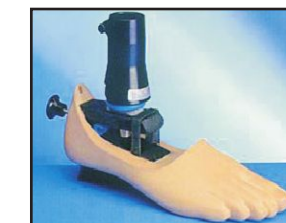
- Natural foot & ankle movement from this ingenious combination.
- Unique combination of strength, light weight & natural movement.

Navigator Foot



- It has unique bio-mechanical design.
- It incorporates a multi -axial ankle within the foot enclosure.
- Lower build height to maximize individual assembly options.
- Improved rollover is provided by ergonomically shaped resilient keel.
- Increased plantar flexion to enhance natural ankle flexion.

Dynamic Response Foot



- Adjustable carbon fibre toe spring and cushioned heel.
- Integrates with M/Fankle
- Heel height adjustment.
- Suitable for active user.
- The highly efficient Dynamic Response Foot typically returns 90 percent of stored energy.

LOWER LIMB PROSTHESES BELOW KNEE SYSTEM

Standard System



- Trusted Endolite carbon fibre components.
- Highly functional ankle.
- Superior quality, Light weight, Proven Strength.
- Strong quality engineering.
- Natural function.
- Multi-flex ankle provides natural motion in each plane.

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LOWER LIMB PROSTHESES



Economy Range

Modular Below Knee System



- High grade Aluminium System Alignment.
- Highly Economical option and light weight.
- Polypropylene or laminated socket adaptor.
- Structurally tested for up to 100 kgs user weight.

Atlas Below Knee System



- Simple and sophisticated design.
- Injection moulded, advanced reinforced thermoplastic.
- Foot based on SACH principle.
- Water proof.
- Suitable for use in water & rough terrain.
- Light Weight & Cost effective.
- Comes with a model of 100kgs and 80kgs weight category.

LOWER LIMB PROSTHESES ABOVE KNEE SYSTEM

ESK+ MKL



- Weight activated stance control
- Pneumatic swing control
- Manual user operated lock
- 115° knee flexion
- Enhanced brake drum surface with dust covers
- Simple access for stability adjustment
- Universal thigh release
- Proximal full alignment
- Pyramid, full shin or tube clamp distal options

ESK+ PSPC



- A unique combination of ESK+ and Pneumatic Swing Phase Control Technology.
- Adapts better than standard Pneumatic Phase Control Technology to small gait variations.
- Independent adjustment of flexion and extension rates with 140° Knee flexion.
- Immediate response to flexion rate changes.
- The servo valve in the cylinder responds to any increase in flexion rate above the normal setting.

Smart IP



- A self programming micro-processor knee that enhances energy.
- Allows comfortable gait at slow speed.
- Enhances range of walking speed.
- Smoother gait. • Spontaneous. No need to programme. • Cost effective. • User friendly.
- Proven technology.

Mercury High Activity Knee



- Most advanced innovation in hydraulic knee control.
- Provides quiet operation and improved gait.
- Greater durability and reliability.
- Robust unit for active users.

ORION



- A microprocessor control knee for K3 amputees. The ORION rapidly selects support needed to safety negotiate environmental obstacles encountered during everyday walking. Its onboard programming in intuitive, resulting in finally tunes gait parameters for enhanced symmetry. The Knee is versatile, adaption for slow to fast walking speeds without being restrictive.

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LOWER LIMB PROSTHESES



Economy Range

Compact SAKL



- A compact, light, weight & low cost knee system.
- Locks automatically when straightened.
- Self adjusting locking mechanism.
- Low maintenance.
- Multiflex ankle for natural walking action.
- Structurally tested for up to 100 kg use weight.

Mechanical 4 bar linkage Knee Joint



- Polycentric knee joint makes it geometrically stable.
- Viscous elastic swing.
- Maximum load capacity of 125 kgs.

Modular Monocentric Safety Knee Joint



- Monocentric Safety Knee Joint with extension assist is recommended for patients requiring stability but able to walk without a locked knee joint.
- The weight activated locking mechanism provides stability in the stance phase and a spring unit assists in the extension.
- It is very light weight, thus easy to handle for the patient.
- It's weight limit is 100 kgs.
- An economic option.
- Very cost effective.

This reduces the need for increased muscle input and leads to a reduction in energy expenditure throughout the day.

- Microprocessor hybrid control - hydraulic stance, pneumatic swing.
- Enhances stability • Smart onboard programming
- Adjustable stance flexion • On-board batteries may last 3-4 days on a single charge, recharges is 2 hours.

KX 06



The KX06 is a unique polycentric knee joint with hydraulic swing and stance control, which delivers truly active gait with enhanced transition from stance to swing. The geometric and hydraulic combination draws on the best functionality of each to enhance the overall gait smoothness on all terrain from flat to steep slopes.

- 145kg weight limit • 160 degrees of knee flexion with distal pyramid

Knee Disarticulation



- Secure knee for low activity users smaller than ever.
- Highly functional.
- Low profile proximal dimension for sitting cosmesis. • Geometrically stable.

HIP Disarticulation



- It is a Four Bar Linkage Carbon Fivre Joint designed to give an instant centre of rotation at the level of the natural hip joint during normal walking.

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LOWER LIMB PROSTHESES



4 bar Mechanical Knee Joint



- Polycentric Knee Joint makes it geometrically stable.
- Adjustable constant friction.
- Extension assist.
- Maximum load capacity of 100 kgs.

4 bar Mechanical Hip Joint



- Polycentric hip joint makes it more stable.
- Super light weight design.
- Maximum load capacity of 100 kgs.

4 bar Mechanical Knee Disart. Joint



- Polycentric Mechanical Knee Joint
- Adjustable Knee Extension Stop
- Low Walking demands with good stability.
- Optional Adaptor: – Pyramid Adaptor (AK), Socket Attachment Plate (KD), Lotus Adaptor (KD)
- Max. load capacity of 100 kgs.

Accessories

Turntable



- Are you sitting comfortably? This amputee is, with the Endolite Turntable.
- Allows above knee amputee to sit cross-legged.
- Push button can be positioned anywhere through 360°
- User easily puts on and ties shoes by sitting cross-legged in a chair.

Durafoam



- Design specifically for prosthetic use.
- Durafoam's unique specifications material performs significantly better than other leading approved foams.
- Excellent shaping.

Socket Valves



- This valve is designed to seal perfect with the more flexible inner socket materials.
- Low profiled, light-weight plastic design.
- Perfect seal.
- Hygienic and easily closed.

Socket Lock



- Smaller and neater.
- Easily centralises during donning of the prosthesis.
- Release knob is simply cut to suit limb profile.
- Drapes without causing webbing of material.
- New axial rotation rod that retains section increased by 100% to ensure stability.
- The bearing surface are coated with titanium nitride, a gold coloured ceramic, that provides hard wearing low friction surface ideal for the moving parts in the module.

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LOWER LIMB PROSTHESES



Special Attachments

Brio - Adjustable Heel Device



- Allows instant heel height changes by simply pressing a button.
- Heel height adjustment means the wearer can quickly reposition the foot for different shoes or activities. This results in less stress on remaining joints since the limb can always be set to optimum alignment.

TT Pro



- Improved version of Torsional & Telescopic pylon.
- Increases wearer comfort by limiting stress at socket.
- Consists of coil spring that provides vertical compression.
- Comes in 3 varieties i.e. Pyramid, Clamp & TF Shin.

CHILD SYSTEMS

Trans-Tibial



- Weight of prosthesis is approx. 0.5 kg.
- The modular Children's limb designed and tested for use by children upto 60 kg wt.
- Withstands constant rough and tumble.

Trans-Tibial



- Simply change the foot and carbon fibre tube as the amputee's height and activity increase.
- Excellent knee stability encourages confidence in children.

Trans-Femoral



- Weight of prosthesis is less than 1 kg.
- Allows knee flexion upto 130°.
- Adjustable extension assist.
- Field replaceable plastic bearings as used in adult Endolite modules.

Silicone Socket



- Helps in self suspension
- Excellent adhesion to maintain suspension.
- Allows freedom of movement with added comfort.
- Transparency permits observation of socket pressure, scar, tissue and possible air entrapment.
- Provides more gradual transition in reducing pistoning and increasing distal stabilization.
- Medical grade silicone.

Easyliner- AKDT



- Limited vertical stretch reduces movement of redundant tissue
- High circumferential stretch to assist with form fitting
- Wider distal end for ease of donning
- Distal ends are proportionate to the size of the liner

Gel Liner



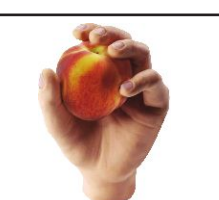
- Enriched gel with excellent cushioning properties.
- Material stretches easily. • Skin-care oils are added.
- Supports and maintains natural smoothness of skin.
- Offers maximum of safety and comfort. • Also comes in Thermoliner form which can be custom moulded.

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UPPER LIMB PROSTHESES



Be Bionic hand



- Multi-jointed construction of all digits
- Compliant surfaces
- Multiple grasp options
- A range of one or two control input modes
- Individual digit drives
- Thumb position sensing controls grasp selection
- Remote and individualised programming

Select Myo Electric Hand



- A range of one juvenile and three adult hands.
- High strength aluminium construction.
- Electronic 'gear change.'
- In-hand on-off switch.
- Safety thumb release mechanism
- A durable and reliable hand with features designed for everyday use.
- Comes with Lithium Ion Battery
- Large titanium electrode pads minimise possible skin reactions while enhancing signal capture.

Electric Palm Hand With One Degree of Freedom



Characteristic : Electric fingers open and close : 2-D thumb ; Extremely short as 8.6 cm

MH11B half palm myoelectric hand

Optional Mode	MH11BC	EH11B	LH11B	RH11B	XH11B	XH11BC
Control Method	Proportional	Switch	Language	Remote	Hybrid	Hybrid Proportional

Cosmetic Gloves Silicone



- High definition silicone cosmetic gloves
- Silicone cosmetic gloves for Myo/ Mechanical hand mechanism.
- Double fabric built inside finger tips ensures stability.
- Extra stretch minimise the energy used by the hand.

Mechanical Hands



- Wide range is available.
- Two sizes are available for children covering the age range from 2-8 years.
- A further four sizes provide hands suitable for juveniles and adults.
- Comes with the option of medial and lateral pull.

Electric Palm Hand With One Degree of Freedom and Passive Wrist Rotation for Wrist Disarticulation



Characteristic : Electric fingers open and close : 2-D thumb ; passive wrist rotator ; Easy to fit ; It is suitable for wrist disarticulation.

MH11P wrist disarticulation myoelectric hand

Optional Mode	MH11PC	EH11P	LH11P	RH11P	XH11P	XH11PC
Control Method	Proportional	Switch	Language	Remote	Hybrid	Hybrid Proportional

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UPPER LIMB PROSTHESES



Electric Hands With Two Degree of Freedom (Wrist Flexion and Extension)



Characteristic : Electric fingers open and close ; Wrist Flexion and Extension ; With passive wrist rotator ; 2-D thumb ; Easy to fit, It is suitable for forearm amputee

MH22A myoelectric hand with two degrees of freedom

Optional Mode	MH22C	EH22A	LH22A	RH22A	XH22A	XH22C
Control Method	Proportional	Switch	Language	Remote	Hybrid	Hybrid Proportional

Intelligent Electric Arm With Three Degrees of Freedom



Characteristic : Electric fingers open and close ; Wrist rotation; Elbow flexion and extension ; 2-D thumb, intelligent coordinative movement system of 3 joints controlled by microcomputer which makes the actions of the arm more natural for daily life; It is suitable for long stump upper arm amputee. This product is Keshena's first creation of high-tech intelligent prosthetics product.

MA31A myoelectric arm with three degrees of freedom

Optional Mode	MA31C	EA31A	LA31A	RA31A	XA31A	XA31C
Control Method	Proportional	Switch	Language	Remote	Hybrid	Hybrid Proportional

Electric Arms With Two Degrees of Freedom (Upward)



Characteristic : Electric fingers open and close ; Elbow flexion and Extension ; Passive wrist and upperarm rotator ; 2-D thumb ; It is suitable for short & upper middle stump

MA21A myoelectric arm with two degrees of freedom

Optional Mode	MA21C	EA21A	LH21A	RA21A	XA21A	XA21C
Control Method	Proportional	Switch	Language	Remote	Hybrid	Hybrid Proportional

Electric KS Bionic Hand



Characteristic : There are two joints in each finger and every finger can move independently. It can grasp the things in full touch like a real hand. It can do more complex and fine work than the traditional myohand, There is also a microcomputer inside and some programs were installed. It is easy to be controlled. Thumb can be rotated in different positions.

MH51F myoelectric bionic hand with five motor

Optional Mode	EH51F	LH51F	RH51F	XH51F
Control Method	Switch	Language	Remote	Hybrid

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ORTHOTIC RANGE



C.H.E.C.K.



- Comfortable-Hyper-Extension-Control Knee.
- Low profile, weights only 0.33 kg.
- Effectively controls hyper-extension while allowing full knee flexion.

Dynamic carbon fibre foot drop Orthosis

•TOE OFF



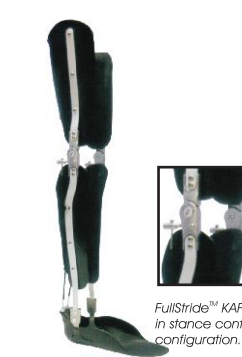
- Dynamic response, light weight carbon composite orthosis with toe-lift action to help neurologically impaired patients to ambulate with closer to normal gait.
- Individuals with gait impairment due to foot drop now enjoy a higher quality of life, thanks to the stability and dynamic assist provided when wearing this patented carbon composite orthosis.

•BLUE ROCKER



- It is the third and latest product in the Toe-Off family of dynamic AFOs.
- The extra stability because of more rigidity provides extra security while walking.

Full Stride



- The **FullStride™** is the stance control option, it's innovative design will improve function and provide you and your patients with greater flexibility, confidence and the freedom of choice.
- Delivering maximum control of varus/valgus instability and knee hyperextension. The **FullStride™** automatically locks and unlocks during the gait cycle, providing natural movement with superior stability and comprehensive knee joint control. Easily converted into an automatic spring lever lock knee joint, The **FullStride™** is also interchangeable with other joints in the **Becker Stride Control family**.

Safety Stride



- **Natural Motion:** The **SafetyStride™** automatically locks and unlocks during the gait cycle, providing natural movement with superior stability and comprehensive knee joint control.
- **Mechanical Stability:** Designed to unlock at terminal stance, an internal lever re-engages during swing phase to ensure knee joint stability prior to heel contact. Individuals who intermittently fail to reach full extension will now have the added security and stability they require while ambulating.
- The **SafetyStride™** orthotic knee joint should be considered for individuals with significant quadriceps deficit and generalized lower extremity weakness.

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ORTHOTIC RANGE



Automatic Angled Lever Knee Joint Lock (model 1017)



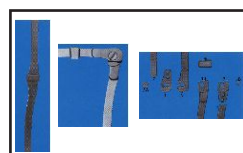
- Model 1017 is a modular lever lock knee joint with a locking mechanism that will automatically engage when the joints reach in full extension.
- The modular design increases manufacturing options and allows for easier maintenance of the Orthosis. The long angled lever is easily operated by the patient and can be shortened or contoured to suit individual needs.
- Model 1017 comes with an optional anterior pull cable that allows the patient to simultaneously disengage both locks by pulling the cable.
- Model 1017 comes with the option of Aluminium, Stainless Steel and Titanium uprights for adults and adolescent.

Load Response Knee Joint



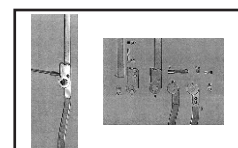
- It has a preloaded spiral torsional spring that maintains knee joint stability for individuals with quadriceps weakness.
- It allows 18 degree of knee flexion during the stance phase.
- It permits stance phase knee flexion and provides shock absorption, the principal reason for knee flexion in stance.

Modified Ring Lock Knee Joint



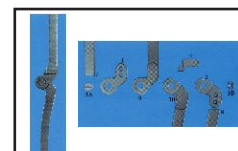
- It is recommended for patients with knee flexion contracture, which increases the forces on the locking mechanism.
- It eliminates the sharp protrusion which can tear clothing in the flexed position.
- Available in aluminium and stainless steel.

Automatic Spring Lever Knee Joint



- Highly recommended for patients with impaired hand function.
- It has a spring loaded lever system which automatically engages the locking device when the patient fully extends his leg.
- Since the lock may be disengaged with one hand and engages automatically, it facilitates operation by patients with impaired hand function.

Posterior Offset Ring Lock Knee Joint



- Axis of motion is located posterior to the upright bars, thereby closely approximating movement of the anatomical knee.
- Easily changed to free motion by removing the rings.
- Available in aluminium and stainless steel.

Oklahoma Ankle Joint



- Injection moulded Oklahoma Joint can be preshaped, and attached to the cast, prior to vacuum forming.
- Incorporates a unique design of ridges and grooves to lock the joint in place when vacuum formed.
- Comes with pre-defined holes to facilitate alignment and a plastic bushing to reduce wear and tear.
- Durable, cosmetic, and easy to use.

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ORTHOTIC RANGE

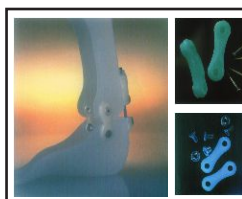


Camber Axis Hinge Ankle Joint



- Camber Axis Hinge Ankle Joint provides variable range of motion or fixed ankle positioning for patients.
- A durable stainless steel joint that eliminates the need for posterior stops.
- Colour coded keys allow variable degrees of control from fixed ankle to limited motion plantar or dorsi flexion. • Available in three sizes.
- Can be used at other joint locations.

Tamarack Flexure Ankle Joint



- Tamarack Flexure Ankle Joint reduces unwanted joint elongation by incorporating a strength inner core.
- Available in three sizes.
- Provides strength, durability and ease of fabrication for thermoplastic orthoses.
- Tamarack Molding dummies are re-usable and are highly recommended to fabricate an orthosis, as these ensure the cavity created during thermoforming will fit the installed flexure correctly.

LOW TEMPERATURE THERMOPLASTICS



- Does not emit toxic, noxious gases nor vapours during application
- X-ray translucent
- After application, it transforms into a hard splint. Does not need reinforcing
- Due to the exceptional properties follows the exact contours of the treated surface
- Light weight
- Indefinite shelf life : no waste
- Perfect for fracture immobilization, static and dynamic splinting, splinting for the burn patients, foot orthosis, post-operative splinting etc.
- Programmed plastic memory allow the products to come back to its original shape for further adjustments
- Can be moulded directly onto the patient.
- Available in different thickness, sizes, perforations and colors.



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THE BOSTON BRACE

Originality Delivers The Best



FOR THE NON OPERATIVE TREATMENT OF IDIOPATHIC SCOLIOSIS

The goal of Brace Design is to convert a prefabricated module into an individual orthosis fabricated for the specific needs of one patient. This is achieved through the "Blueprint" process where an x-ray of the patients spine is evaluated and measured (using the Cobb method) which in turn allows the Orthotist to decide the correct placement of pads, trim lines, etc. The brace Blueprint is the guide for choosing and constructing the proper brace to treat each type of scoliosis. The brace is named according to the highest curve being treated by the brace.

Lumbar Brace

The lumbar Brace is used for curvatures with an apex below L1 or Lumbosacral curves. The module usually requires a lumbar pad on the convexity of the curve with a trochanter extension / pad on the same side as the lumbar pad.

Thoraco-Lumbar Brace

This brace is used for single curves with apex at T10 to L1 or double curves with a flexible upper thoracic curve, the upper half of which will not be braced. This module usually requires a lumbar pad and trochanter extension / pad on the convex side of the lower curve with a low thoracic extension / pad on the opposite side.

Thoracic Brace

The Thoracic brace is used for curves with apex at T6 to T10 or double curves. This module usually requires a thoracic extension / pad on the convex side of the thoracic curve, lumbar pad on the opposite side and an axillary extension also on the opposite side to the thoracic extension.

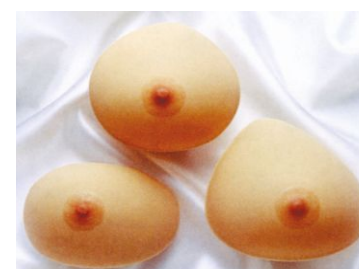
The Boston Brace system is the most widely studied and proven orthosis among the different approaches to the non-operative treatment of idiopathic scoliosis. Many studies over the years have shown and proven its effectiveness. It is accepted that brace treatment can alter the natural history of moderate Idiopathic Scoliosis and the Boston Brace System has been at the forefront of conservative treatment for over 30 years. We are proud of being the supplier of this system and in order to ensure that your patients are fitted with an original, always look for the "Original Boston Brace" mark in the abdominal area of the module.



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BREAST PROSTHESIS

- Most life like Cosmetic Restoration prefabricated Breast prosthesis after Mastectomy.
- Range contains different styles & shapes depending on the complete or partial removal of breast.
- Can be worn directly against the skin in well fitting Bra.
- Easily washable.



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COSMETIC RESTORATION

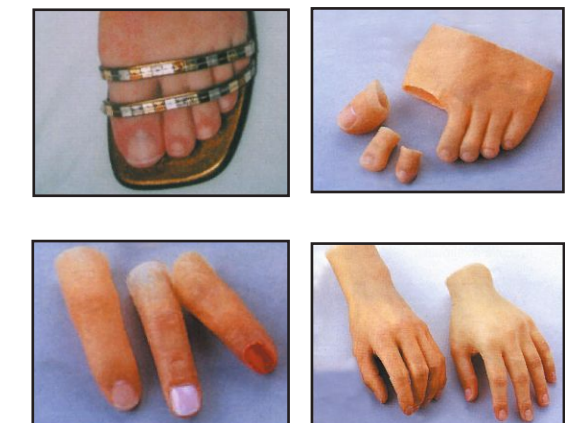
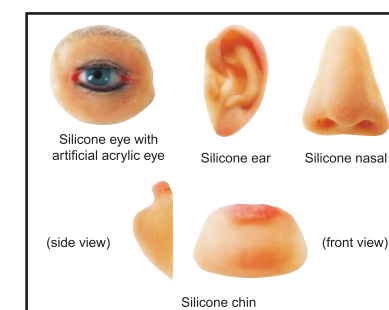
Custom fabricated high definition silicone cosmeses are available with us. Endolite offers custom fabricated cosmetic fingers, partial hand & partial foot prostheses.

All our cosmetic restorations are custom fabricated from a plan duplicate of the patient's stump to achieve proper proportions. Each cosmeses is sculpted to meet individual requirements, has an extra ordinarily realistic appearance, and feel.

Our procedure requires three-dimensional impression of the entire surface both affected and contra lateral sides.

Our fabrication technique involves colouring the silicone material itself prior to sculpting, as opposed to surface painting.

This process allows the layering of different shades of silicone to provide translucent finish to the cosmesis similar to real human tissue.



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- Allard of Sweden for Orthotic Components.
- Allard UK for Boston Brace for Idiopathic Scoliosis.
- Becker Orthopedic of USA for Orthotic Components.
- Silipos of USA for Skin & Digital Care Products .
- Syncor of USA for lower extremity suspension belts .
- T-Tape Company of Netherlands for Low Temperature Thermoplastic Sheets.
- Regal Prosthesis Limited of Hong Kong for Cosmetic gloves, feet and miscellaneous products.
- Alps of USA for Silicone Gel Liners.
- Trulife of USA for Breast Prosthesis
- Shanghai Kesheng Prosthesis Co. Ltd. of Shanghai for Upper Extremity Prosthesis

We are recognised by a large number of Government & Non - Government Organisations. These include the Armed Forces, Para Military Forces, Railways, Air India, PSUs, (SAIL, ONGC & Other Mani Ratnam Companies), Banks, a large number of hospitals and other institutions.

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