

helps to live better

- Prosthetic Services (Artificial Limbs)
- Orthotic Services (Braces and Supports)
- Silicon Cosmetic Prosthesis
- Diabetic Foot Care
- Medical Tourism



Help's
to live
better

About Us

RAPHADON is owned and managed by a group of highly professionals and experienced specialists from India and other countries. RAPHADON is Internationally based and totally engaged in the creation, development, Manufacture and marketing of Medical and rehabilitation health care products.

RAPHADON Group Activities Encompass

- Orthopedics
- Hi-tech Prosthetic (Artificial limb) & Orthotic
- Latest Bionic technology in prosthetic and orthotic
- Silicon Cosmetic Prosthesis
- Diabetic foot care
- and World class Medical Tourism.

Group Focus: Help's to live better

RAPHADON prime focus is to make provision for physically challenged people to live normal life with latest technologies.

RAPHADON ties with leading brands worldwide and importing products and equipments from USA, UK, Germany, France, Japan, India, Italy etc...

RAPHADON provides Medical tourism to get treatment quotes for high quality, affordable health care and wellness treatment in India and other countries. Our global networks are among the most advanced medical travel facilities in the world.



Lower-extremity prosthesis



Prosthesis provides replacements at varies levels of amputation. These include hip disarticulation, transfemoral prosthesis, knee disarticulation, transtibial prosthesis, syme's amputation, foot, partial foot, and toe. The two main subcategories of lower extremity prosthetic devices are trans-tibial (any amputation transecting the tibia bone or a congenital anomaly resulting in a tibial deficiency) and trans-femoral (any amputation transecting the femur bone or a congenital anomaly resulting in a femoral deficiency).

A transfemoral prosthesis is an artificial limb that replaces a leg missing above the knee. Transfemoral amputees can have a very difficult time regaining normal movement. In general, a transfemoral amputee must use approximately 80% more energy to walk than a person with two whole legs. This is due to the complexities in movement associated with the knee. In newer and more improved designs, hydraulics, carbon fiber, mechanical linkages, motors, computer microprocessors, and innovative combinations of these technologies are employed to give more control to the user.

A transtibial prosthesis is an artificial limb that replaces a leg missing below the knee. A transtibial amputee is usually able to regain normal movement more readily than someone with a transfemoral amputation, due in large part to retaining the knee, which allows for easier movement.

Bionic/shock / rotation for Impact Level 3-4 (+4)



Carbon Fiber Feet for Impact Level 2-3 (4)



Feet Impact Level 1-2



Special Application



Sport Feet



Knees for impact level 3-4 (4+)



Knees for impact level 2-3 (4)



Knees for impact level 1-2



Child Knee



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Upper-extremity



Prostheses are used at varying levels of amputation: forequarter, shoulder disarticulation, transhumeral prosthesis, elbow disarticulation, transradial prosthesis, wrist disarticulation, full hand, partial hand, fingers, partial fingers.

A transradial prosthesis is an artificial limb that replaces an arm missing below the elbow. Two main types of prosthetics are available. Cable operated limbs work by attaching a harness and cable around the opposite shoulder of the damaged arm. The other form of prosthetics available are myoelectric arms. These work by sensing, via electrodes, when the muscles in the upper arm move, causing an artificial hand to open or close.

U3 + Arm



TAN



BRAWN



JET BLACK

- Continuous, Dual-Lock System.
- Silent Fresswing-for quiet, comfortable fresswing-saves power.
- Bluetooth wireless link for adjustment.
- i-Limb Hand compatibility

Hybrid Utah Arm



- Electric Lock/Electric Hand-wide variety of choices. i-Limb Hand compatibility.
- Lighter, lower price vs. U3 arms.
- Available now-in **THREE** bold innovation colors.

Shoulder Joint



LOCKING SHOULDER JOINT HOSMER



L1 LOCKING SHOULDER JOINT



LTI ELECTRIC SHOULDER JOINT

Above Elbow Myo Electrical Hand



- Myo electric Signal control finger and elbow unit action.
- Wrist unit passive rotation 270 degree.
- Applicable of Elbow disarticulation amputation.

Water Proof Myoelectric Hand



- Myoelectric signal control open and close, wrist rotation. Ratchet wrist rotation
- Applicable for below elbow amputation.

Myoelectric Hand



- Myoelectric signal control open and close, wrist rotation. Ratchet wrist rotation.
- Applicable for below elbow amputation.

Bionic Hand

- With four independent, fully powered fingers and an articulation rotatable thumb, the i-LIMB Hand takes the generational lead in terminal devices.
- With the ability to bend, touch, pick up, and point, the i-LIMB Hand matches the action of nature hand.
- Suitable for amputations at or above wrist disarticulation for mild to medium activity level adults.
- Single-site control strategy is available for patients who lack two viable myo sites.
- 1 year standard warranty (extended warranty available)
- Cosmesis options.
- i-LIMB Skin.
- High Definition Covering.
- Dynamic Flex Covering.
- LIVINGSKIN custom made covering.
- Compatible Powered Arms for above elbow.



Upper-limb Orthosis



Orthosis are mechanical or electromechanical devices applied externally to the arm or segments thereof in order to restore or improve function, or structural characteristics of the arm segments encumbered by the device. In general, musculoskeletal problems that may be alleviated by the use of upper limb orthoses include those resulting from trauma or disease (arthritis for example). They may also be beneficial in aiding individuals who have suffered a neurological impairment such as stroke, spinal cord injury, or peripheral neuropathy.

Sholder Immobilizer (Arm Sling)

- Designed to immobilize the arm and shoulder area.
- Padded shoulder strap helps to control shoulder rotation.
- Thumb loop adds patient comfort and limits wrist drop.
- Extra body strap help control shoulder rotation.



Tennis Elbow Brace With Air Bladder

- Size : Universal
- Constructed with 2" double-side loop.
- Pre-inflated air bladder provides extra pressure.
- Hook and loop closure for easy application.



Padded Tennis Elbow Brace With Gel

- 1/8" thick neoprene lining.
- Provides warmth and compression.
- Gel foam pad provides extra pressure.
- Hook and loop closure for east application.



Rom Hinge Elbow Brace

- Size : Universal
- Soft foam lamination provides comfort and exact fit.
- Features strong durable hinge with flexion and extension stop setting.
- Full circumference and foam padded plastic shell with circular straps provide additional comfort and security.
- Hook and loop closure for easy application.
- Elbow fracture brace with hinges.



Wrist Brace

- Size : Universal
- 1/8" thick neoprene with nylon lining.
- Provides warmth and compression.
- Fully adjustable hook and loop closure for better fit.
- Fit right and left wrist.



Wrist Palm Brace

- 1/8" thick neoprene with nylon lining.
- Provides warmth and compression.
- Contoured metal strength insert helps the thumb in position.



Wrist Functional Brace

- Made of cool breathable open cell foam material.
- Provides support and compression.
- Removable malleable palmar stay for greater immobilizatio.
- Hook and loop closure for easy adjustment.



Lower-limb Orthosis



Orthosis is an external device applied to a lower-body segment to improve function by controlling motion, providing support through stabilizing gait, reducing pain through transferring load to another area, correcting flexible deformities, and preventing progression of fixed deformities.

Motion Rom Knee Brace-lite

- Size: Universal Length: 20"
- Soft foam lamination gives comfort and exact fit.
- Polycentric hinge allows controlled range of motion with easy to adjust pain stop.
- Provides post-operative immobilization and range of motion needed after ACL, PCL, MCL and LCL surgeries.
- Hook and llop closure for secure fit.



Hinged Knee Brace

- 3/16" thick neoprene with soft lining.
- Provides warmth and compression.
- Features lightweight lateral and medial hinges that offer superior stability.
- Felt buttress provides direct patellar contact and support.
- Hook and loop closure above and below knee for secure fit.



Wrap Around Hinged Knee Brace

- 3/16" thick neoprene with soft lining.
- Provides warmth and compression.
- Wrap around design provides easy application.
- Lateral and medial hinges provide great stability.
- Hook and loop closure above and below knee for secure fit.
 - Applies the principles of the thruster with a lower profile hinge design.
 - Eliminates pressure points and increases patient compliance
 - Features a patient adjustable dial
 - No force in flexion, patient can wear brace for longer time
 - 22c of correction of moderate osteoarthritis.
 - Four point of pressure to pull away at the hinge (not push into the joints)



Knee Brace

Indications

For medial or lateral uni-compartmental osteoarthritis.

- Cool breathable spacer mesh provides support, compression and warmth to the knee.
- Easily adjustable hinges for ideal anatomical placement.
- Available in M, L, XL



Plantar Fasciitis Stretch Splint

- The splint provides relief from pain and discomfort of plantar Fasciitis and Achilles tendonitis
- Resistant EVA sole for greater patient safety.
- Lightweight design for patient comfort while sleeping.
- Fits both feet.



Adjustable Body Jacket (T.L.S.O)

The body jacket is designed to immobilize the thoracic and lumbar spine. This custom adjustable TLSO promotes rapid fusion for shorter hospital stays and is therefore the ideal post-operative and trauma orthosis. A wide variety of materials, including low density polyethylene, copolymer and modified polyethylene are available.



AFO

- Made of injection molded from polypropylene.
- Semi-rigid calf section for toe clearance and support.
- Designed to support flat drop foot.
- Thin and flexible foot plate for easy trimming.



Cybertech Bimond (L.S.Frame)

- Features & Benefits.
- Combines rigid anterior-posterior medial lateral control with superior abdominal compression.
- Patented pulley system provides 6X more power to maximize compression.
- Chairback easily slips off so LSO can be used for rehab/maintenance.
- Chairback frame can easily be custom-shaped with heat gun. I-hand, I-second adjustment allows for proper support while walking, standing, sitting, driving, etc.
- Single front fabric fastener makes it easy to don or doff.
- Lightweight, impeccable construction, and breathable side panels help ensure patient comfort and greater compliance.
- Sizes of LSO and Chairback Frames are interchangeable, allowing greater ease of fitting.
- Lordotic pads available.



Dynamic Carbon Ankle Foot Orthosis (Matrimax)

- A rigid version of Matrimax for more active and involved patients.
- Study strut is designed to offer stability to patients with weak quadriceps muscles.
- Made of carbon and glass fibre composite.
- Height-adjustable anterior shell allows optimal customization and comfort.
- Includes two washable pads for the anterior shell.
- Provides dynamic assist and reduced shearing for those with forefoot amputations.



Hyperextension Brace (Jewett Brace)

- Made of dual tension aluminum frame for firm support.
- Designed for severe disease in the dorso-lumbar region and compression fractures.
- Provides stability to lumbar and thoracic spine followed by the three-point principle.
- Flexible pelvic pressure bar for easy movement.
- Adjustable buckles system for easy adjustment.



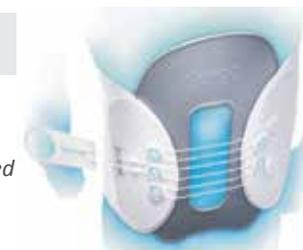
Spinal Orthosis



Scoliosis, a condition describing an abnormal curvature of the spine, in certain cases be treated with spinal orthoses, such as the Milwaukee brace, the Boston brace, and Charleston bending brace. A body jacket may be used to stabilize more involved fractures of the spine. The halo brace is a cervical thoracic orthosis used to immobilize the cervical spine. The halo brace allows the least cervical motion of all cervical orthoses currently in use.

Cybertech Dynamic L.S. Belt

- Patented, new Ergo-dynamic panels and Flexible Pulley System in an economic brace that comfortably contours and conforms to each patient's body structure.
- 3-1 ratio, low friction Flexible Pulley Systems provides powerful, smooth and easily-controlled compression and support.
- Thin, lightweight, breathable construction combines with contouring panels of increased comfort-in a concealable brace.
- Quick, one hand adjustment controls support level and comfort for standing or sitting.
- Single front closure provides easy ingress and egress.



Lumbo Sacral Support

- Made of vented mesh material.
- Vented elastic side-pulls for support increase.
- Four-piece steel stays in the back provides firm support to lumbar area.
- Elastic side-pull add compression to support the abdominal and lower back area.
- Hook and loop closure for easy adjustment.



Taylor Brace

- Made a high quality elastic strapping material.
- Designed to help support the back and spine.
- Two rigid aluminums in back provide firm support to spine.
- Two elastic cinch straps helps to enhance the intra-abdominal pressure.
- Padded shoulder strap.
- Hook and loop closure for better adjustment.



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Silicon Cosmetic Prosthesis



Our main objective of aesthetic prosthesis is to restore the natural appearance of loss part in all terms of patients's satisfaction considering their requirements.

The process of creating aesthetic prosthesis starts with taking measurement following by casting then goes for was sculpturing after that continuing with dye making process finishing it off.

Patient is called for color matching creating intrinsic color effects going with from nails, freckles, color shades and after than we process with extrinsic color matching giving a final touch of color tone.

Patient have to visit 3-4 times for all the process to be done.

Time period 10 to 15 days may increase according to the type of cosmetic restoration prosthesis required.

Procedure:

Measurement Casting:

Measurement taken followed by casting capturing all impressions of residual limp.

Wax Sculpturing:

Proceeding with wax sculpturing making wax model ready for dye making.

Dye making:

Dye is made with pouring of plaster of paris & inserting wax model into it.

Color matching:

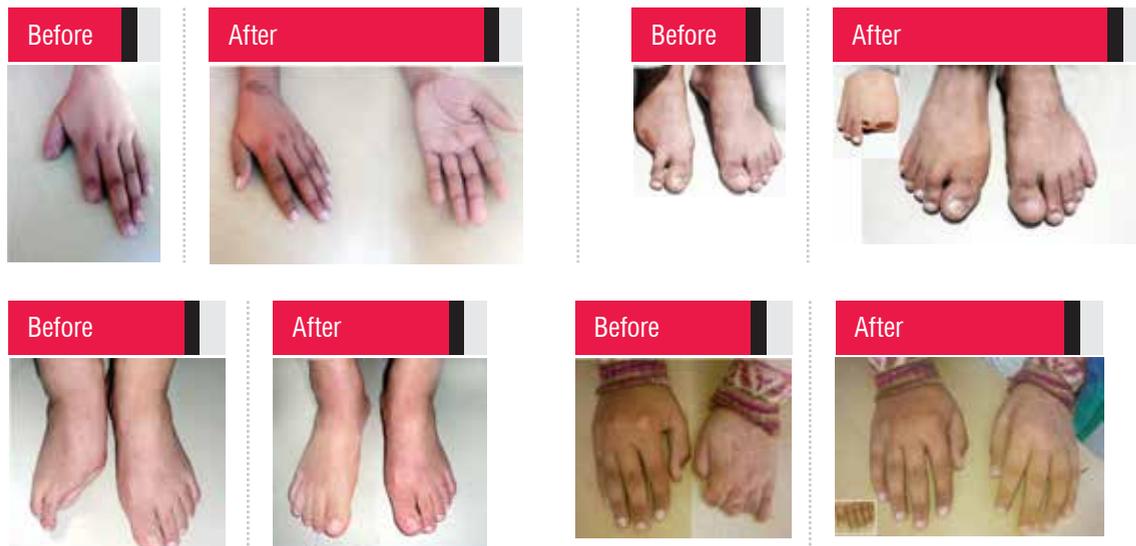
We get the dye ready. Patient is called for color matching creating intrinsic color effects from nail, freckles & color matching of your skin tone.

Final product cosmetic restoration prosthesis:

We are ready with final custmimized cosmetic restoration prosthesis.

User guideline:

- Wash & clean your prosthesis daily with lukewarm water.
- Protection from strains any coloration.
- Avoid extreme exposure to heat.
- Protection from rat bite and any other sharp object.
- Place safely your Prosthesis.
- Protect from environmental barriers like dust, chemical, sunlight.
- Avoid direct contact with chemicals or use any interface while doing so.
- Prevent from oils, paints any other pigments.
- Maintence from wear & tear.
- Duration of custom prosthesis depends according to the usage.
- Life span is generally of 2 years.



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Medical Tourism

Raphadon assist people to access a high quality Medical tourism, Travel for medical treatment to get immediate and affordable surgeries in India and other countries delivered with quality that equals or surpasses what you can find at home. we partner only with best hospitals and doctors. With help of Raphadon you and millions of others able to evaluate and control the healthcare options.



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