

# What We Provide

## Prosthetics

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What are Prosthetics? Prosthetics are an artificial device that replaces missing body parts, which may be lost through trauma, disease, or congenital conditions.

Prosthesis should be designed and assembled according to the patient's appearance and functional needs. Limb prostheses include both upper and lower extremity devices, upper extremity prostheses are used at various levels of amputation from through the shoulder, upper arm, elbow, lower arm, wrist, hand or even finger. The lower extremity prosthesis again provides replacements at varying levels of amputations from the hip through to the foot and toes.

The human body is a remarkable piece of biological machinery, and your limbs are no exception. Hands have the strength and durability required to grip heavy objects and perform delicate tasks and legs are equally impressive, enabling a person to run long distances and navigate across uncertain terrain. When someone loses a limb to injury or disease, the rich functionality once offered by that limb is lost as well. Any upper extremity amputation involving the loss of all or part of an arm might mean the loss of the ability to perform job skills or normal activities of daily living. With lower extremity amputees, someone who is missing portions of one or both legs, this could mean the loss of the ability to walk or run. Prosthetic limbs are incredibly valuable to amputees because the prosthesis can help restore some of the capabilities lost with the amputated limb. Although prosthetic limbs have still not advanced to the point where they can rival the functionality provided by biological limbs, the capabilities they do provide can be significant. We take great strides in exploring all the products available in the field of prosthetics, and while great technological challenges remain, artificial limbs are becoming increasingly similar to that of the real limb they are replacing. As an organization we are unique in the field of patient care to offer an extensive multidisciplinary approach to patient care from pre-surgery consultations through initial evaluation, measuring, fitting and the supply of the device does not conclude the services we offer. We can take the patient through physical and occupational therapies including prosthetic gait training and functional skills learned to maximize the design of the componentry included in the prosthesis.

Any person's prosthesis should be designed and assembled according to the patient's appearance and functional needs. For instance, with upper limb prosthesis the patient may need to decide between aesthetics and functionality. However lower limb prosthetics lean heavily towards functionality but we do everything to maintain a cosmetically acceptable device.

Pictures and Gallery's of these items will be coming soon.