



**Contact us today for more information or to
schedule an appointment.**

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POSI
Prosthetic Orthotic
Solutions International

POSI has a long and successful history of facilitating upper extremity prosthetic management. Our staff of experienced upper extremity prosthetic specialists can offer their professional assistance with fitting or control challenges to provide a very educational and participatory process for the patient, ensuring the best possible outcome and satisfaction.

Our Prosthetists can help.

Our board certified prosthetists have extensive state-of-the-art industry experience and training with upper extremity components and designs that are relevant for today's active patients.

We fabricate most advanced prosthetic designs in-house ranging from digits to thoracic levels, allowing us to control the quality and turnaround time with more precision.

We partner with area Occupational Therapists to meet the training needs of the patient, provide complete coordinated care and progressive fitting protocols. With this coordination, the patient has a much higher potential for a successful long term utilization and outcome.

Our Prosthetic Management and Design Services include:

- Digit Restoration through functional or passive design
- Partial hands utilizing restorative silicone or activity specific designs
- Transradial designs include traditional body powered, hybrid, and state-of-the-art Myoelectric designs
- Transhumeral designs include traditional body powered designs and current Myoelectric offerings
- Emerging technologies such as Pattern Recognition, Radio Frequency ID Tagging, and multi-articulating hands.

Upper Extremity Prosthetics Program

POSI's upper extremity program serves a very unique and specialized area within the prosthetic field. Upper extremity prosthetic limbs require innovative and case-specific solutions. At POSI, we will provide you with an education and overview of all options available.

Our state-of-the-art in-house fabrication lab provides expedited fittings and repair for every type of electric controlled prosthesis. Due to our high volume of upper extremity case management, the POSI process includes a unique "loaner" program that reduces the down time associated with repairs on more sophisticated components.

At POSI, we explore your options with you, they include:

No Prosthesis

- Some individuals choose not to wear a prosthetic limb. They find that they can perform all needed tasks without the assistance of a prosthesis.

Passive Design Prosthetic Limbs

- Some amputees do not need a dynamic or active prosthesis. For those in this group, we have a variety of passive prosthetic limb options. A passive prosthesis provides a restoration of body symmetry. The prosthesis adds weight to the human torso, which balances out the spine for better alignment. It also offers protection to the residual limb. These types of prostheses can be designed very simply or can be life-like restorations.

Myo-electric/External Powered Prosthesis

- This prosthetic limb design eliminates the need for a harness system to capture motion in order to control the terminal devices and elbow. There are numerous methods and control mechanisms which relay information to the terminal device hand and elbow often by a micro-processor. The prosthetist can customize and refine the signals for operation of the prosthesis for specific needs.

Activity Specific Prosthetic Limbs

- These encompass specific activities or needs such as fishing, swimming, golf, billiards or photography.

POSI also offers custom restoration prostheses that are life like replicas of fingers, partial or total hands which are created from specialized silicone material.