### **PROSTHETICS**

### **Lower Limb**

- Post-op preparatory (temporary) and definitive (permanent) prostheses for below-knee (transtibial), above-knee (transfemoral), hip disarticulation, hemipelvectomy, and foot amputations.
- Lightweight carbon fiber and titanium components
- Total surface bearing and suction socket prostheses
- Flexible sockets
- Ischial containment socket designs (narrow M-L/CAT CAM)
- Hydraulic knee controls, in a variety of designs
- Microprocessor controlled systems
- Elevated vacuum suspension systems
- Energy-storing foot configurations
- Sports applications
- Conventional exoskeletal systems
- Endoskeletal soft foam coverings for cosmetic finish

### **Upper Limb**

- Functional and cosmetic prostheses for belowelbow, above-elbow, shoulder disarticulation, and hand or finger amputations.
- Myoelectric hands with articulating digits and multiple grasp patterns
- Electronically-operated elbow units with anatomic options
- High definition hand, finger and higher level restorations
- Custom harness and cable configurations for heavy duty body-powered control
- · Pattern recognition control
- Activity specific applications

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# WINKLEY

Since 1888, Winkley Orthotics & Prosthetics has earned a reputation for dependable, high quality orthotics & prosthetics. As a family-owned company, we take pride in provding the most advanced care possible. We strive to help patients achieve maximum mobility and independence by utilizing the most current technologies and advancements.

## What sets us apart?

On-call Trauma Services
Immediate Prosthetic Post-OP Care
Prosthetic ACA Trained Peer Counseling
Halo Cervical Traction
Orthotic & Prosthetic In-Service Education
E-Stim/Neuro-augmented Orthoses
Tenodesis Splints
In-House Fabrication

### **ORTHOTICS & PEDORTHICS**

#### Head

- · Cranial remolding helmets
- Protective helmets

#### Neck/Spine

- Cervical Orthoses
- Cervical halo devices
- Foam and plastic cervical collars (Miami J, Aspen)
- Minervas/CTO
- S.O.M.I (Sterno-Occipital-Mandibular-Immobilizer)

### **ORTHOTICS & PEDORTHICS**

### **Spinal Orthoses**

Prefabricated back braces for moderate back support as well as custom-made braces to restrict unwanted movement, decrease pain, and prevent deformities.

- · Sacroiliac supports
- Lumbosacral braces
- Chairback braces
- Thoracic-lumbar braces
- Hyperextension braces (Jewett, CASH)

### **Scoliosis and Spinal Fracture**

Custom-made pelvic girdles and body jackets for treatment of scoliosis, post-operative spinal fusion and fracture treatment.

- One and two piece body jackets
- · Custom scoliosis orthoses
- Cervical thoracic orthoses (CTO)
- Thoracic lumbar sacral orthoses (TLSO)
- Cervical thoracic lumbar sacral orthoses (CTLSO)

### **Upper Limb Orthoses**

A wide range of devices to provide support, immobilization or function to any part of the upper limb.

- Tenodesis splints
- Hand splints
- · Wrist splints
- Elbow supports
- Figure 8 clavicle brace
- · ROM elbow orthoses

### **Fracture Bracing**

Brace systems which allow for function after primary cast.

- Wrist
- Radius/Ulnar
- Humeral
- Femoral
- Tibial
- Ankle

#### **Lower Limb Orthoses**

Custom-made plastic and metal bracing systems to control undesirable or abnormal motion and permit more normal function.

- Ankle supports
- Leather gauntlets
- Dynamic carbon fiber AFOs
- Metal short and long leg braces
- Plastic ankle/foot orthoses (AFO's)
- Walking boots
- Plastic knee/ankle/foot orthoses (KAFO's)
- Hip flexion-abduction stabilizers

#### **Knee Orthoses**

A wide range of devices to provide protection and function.

- Elastic knee supports
- · Hinged knee supports/braces
- Swedish knee cage
- Ligament braces (OTS & custom)
- Locking and hyperextension braces (OTS & custom)
- · Osteoarthritis unloading braces (OTS & custom)
- ROM knee orthoses

### **Foot Orthoses**

Custom-made inserts and shoe devices to assure proper position and comfort.

- Custom-made multi density foot orthotics
- Plastic foot orthotics
- · Diabetic shoes and inserts
- UCBL
- Orthopedic extra-depth shoes
- Shoe modifications

### **ACCREDITATIONS & AFFILIATIONS**

Licensed & Certified Prosthetists, Orthotists, Pedorthists, Assistants and Technicians





