PHYSICIANS REFERENCE GUIDE TO PROSTHE TICS & ORTHOTICS

BAKERSFIELD

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Open Mon - Fri: 8:30am-5pm
(Lunch 1pm-2pm)

DELANO

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Delano, CA 93215
Ph: (661) 720-9293
Fax: (661) 281-2126
Closed Mon, Tues & Thurs
Open Wed: 9am-12pm & 1pm-4pm
Open Fri: 2pm-5pm
The purpose of this reference is to visually and descriptively provide the user with a broad reference to the devices commonly used in the field of prosthetics and orthotics.

It is our aim for this reference to aid medical professionals in prescribing a device based upon its function and the pathomechanics of a diagnosis.

✓ Please note that services are not limited to those listed in this reference.

Please fax referrals to (661)281-2126, or provide to patient to schedule an appointment with our center. As many patients are unaware of our referral process, please note that they are required to bring a prescription; ats we cannot dispense any items without such.

✓ Please contact us at (661)281-2127 if your office needs referrals pads.

Bakersfield Prosthetics and Orthotics Center accepts the following insurance plans at all of their clinics in Bakersfield, Porterville, and Delano.

KAISER
GEMCARE (BAKERSFIELD)
DELANO IPA
BLUE CROSS
LA SALLE
INDEPENDENCE MEDICAL GROUP (IMG)
BLUE SHIELD
BFMC

MEDICARE
MEDICAL
PACIFIC CARE
KERN LEGACY
QUALCARE
COUNTY OF KERN
WORKERS’ COMPENSATION
MOST PRIVATE PPO’S

✓ We accept other insurances as well, please contact us at 661-281-2127 to determine coverage.
## ORTHOTICS

### ANKLE FOOT ORTHOSES (AFO)
- Supra Malleolar Orthosis (SMO) ................................................................. 4
- Solid Ankle Arizona Type AFO ................................................................. 4
- Hinged Arizona Type AFO ................................................................. 5
- Charcot Restraint Orthotic Walker (CROW Boot) ..................................... 5
- Tibial Fracture Brace ........................................................................... 6
- Carbon Fiber Dynamic AFO ................................................................. 6
- Fracture Walking Boot (CAM Walker) .................................................. 7
- Plantar Fasciitis Night Splint ................................................................. 7
- Pressure Relief AFO (PRAFO) ................................................................. 8
- Lace-Up Ankle Orthosis ....................................................................... 8

### KNEE ORTHOSES
- Townsend Premier Brace (Custom) ....................................................... 9
- Townsend BOLD Knee Brace ............................................................... 9
- Townsend Double Upright OA Brace ..................................................... 10
- VQ OActive Unloader Orthosis .............................................................. 10
- Neoprene Hinged Knee Orthosis ........................................................... 11
- Range of Motion Knee Orthosis ............................................................ 11
- Knee Immobilizer ................................................................................. 12

### HIP ORTHOSES
- Hip Abduction Orthosis ....................................................................... 12

### WRIST ORTHOSES
- Wrist Splint ............................................................................................. 13
- Thumb Spica Orthosis .......................................................................... 13
- Resting Hand Orthosis ......................................................................... 14

### UPPER EXTREMITY FRACTION ORTHOSES
- Ulnar/Radial Fracture Orthosis ............................................................. 14
- Humeral Fracture Orthosis .................................................................. 15
## TABLE OF CONTENTS

### ELBOW ORTHOSES
- Range of Motion Elbow Orthosis ................................................................. 15

### SHOULDER ORTHOSES
- Shoulder Immobilizer ............................................................................. 16
- Shoulder Abduction Sling (Ultra Sling) .................................................. 16
- Clavicle Strap (Figure 8 Strap) ................................................................. 17

### SPINAL ORTHOSES
- Semi-Rigid Cervical Collar ..................................................................... 17
- Semi-Rigid Lumbosacral Orthosis (LSO) .................................................. 18
- Soft Thoraco-lumbar Orthosis (TLSO) .................................................... 18
- Hyperextension Orthosis ........................................................................ 19
- Thoraco-lumbo-sacral Orthosis (TLSO Body Jacket, Custom) ............ 19
- Thoraco-lumbo-sacral Orthosis (TLSO, Off the Shelf) ......................... 20
- Aspen Peak Scoliosis Bracing System ....................................................... 20
- Boston Style Scoliosis Orthosis ............................................................... 21
- Nocturnal Scoliosis Orthosis ................................................................. 21

### PROSTHETICS
- Prosthetic Shrinker .................................................................................. 22
- Rigid Removable Protector ..................................................................... 22
- Symes Prosthesis ..................................................................................... 23
- Below Knee Prosthesis ........................................................................... 23
- Above Knee Prosthesis .......................................................................... 24
- Below Elbow Prosthesis .......................................................................... 24
- Above Elbow Prosthesis .......................................................................... 25
SUPRA MALLEOLAR ORTHOSIS (SMO)

Dx:
Pes planus (flat foot), ligamentous laxity, calcaneal inversion/eversion

Uses:
To improve standing balance and walking by maintaining a neutral heel while also supporting the arches of the foot
• Commonly used for pediatric patients

SOLID ANKLE ARIZONA TYPE AFO

Dx:
Posterior tibial tendon dysfunction (PTTD), achilles tendonitis, severe pes planus, ankle arthritis, medial/lateral ankle instability

Uses:
Immobilization of ankle joint
• A custom made leather solid ankle gauntlet with molded plastic inner shell
• Lace and/or velcro closures
HINGED ARIZONA TYPE AFO

Dx:
Drop foot, posterior tibial tendon dysfunction (PTTD), achilles tendonitis, severe pes planus, ankle arthritis, medial/lateral ankle instability

Uses:
To stabilize subtalar, talocrural and midtarsal joints while still allowing motion at the ankle

• Dorsiflexion assist or free motion joints

• A custom-made leather articulated ankle gauntlet with molded plastic inner shell

• Lace and/or velcro closures

CHARCOT RESTRAINT ORTHOTIC WALKER (CROW BOOT)

Dx:
Charcot foot (ICD 10: M14.60)

Uses:
Immobilize ankle/foot to slow progression of Charcot ankle

• Facilitates healing of plantar ulcer by reducing weight-bearing forces

• Custom made total contact AFO with rocker bottom sole

• Fully lined with pressure sensitive padding
TIBIAL FRACTURE BRACE

Dx: Tibia and fibular fractures, non-unions, mal-unions

Uses: Support of leg during recovery from a fracture

• Bi-valved design for total contact and circumferential compression

• Optional footplate attachment to reduce migration of orthosis and prevent ankle articulation

CARBON FIBER DYNAMIC AFO

Dx: Drop foot, CVA, MS, CMT, lower extremity weakness, gait imbalance

Uses: To improve balance and position ankle in dorsiflexion during swing

• Lightweight, carbon fiber stores energy during stance phase of gait & returns energy in swing phase to provide a dynamic physiological gait pattern for weakened muscles or ligaments

• Pre-tibial shell increases knee stability

• Easy fit in shoes
**FRACTURE WALKING BOOT (CAM WALKER)**

**Dx:**
Stable fractures, soft tissue injury (grade 2 or 3 sprain), post-operative management, tibialis tendonitis, plantar fasciitis

**Uses:**
Temporary immobilization of ankle and foot. Pneumatic pump enhances fit and comfort

- Pediatric and adult sizes

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**PLANTAR FASCIITIS NIGHT SPLINT**

**Dx:**
Plantar Fasciitis, tight gastroc-soleus complex, achilles tendon injuries

**Uses:**
Night-time stretching of plantar fascia, achilles and gastroc-soleus

- Rigid posterior frame with a soft lining and adjustable straps
- Pediatric and adult sizes
PRESSURE RELIEF AFO (PRAFO)

**Dx:**
Heel ulcerations, plantar fasciitis, post-operative contracture management

**Uses:**
Relieve pressure on heel while immobilizing ankle
- Anti-rotation bar to prevent unwanted extremity rotation

LACE-UP ANKLE ORTHOSIS

**Dx:**
Medial/lateral ankle instability, mild ankle sprain

**Uses:**
Provide compression and prevent medial/lateral rolling of ankle
- Pediatric and adult sizes
TOWNSEND PREMIER BRACE (CUSTOM)

Dx:
Moderate to severe ACL, MCL, LCL, or PCL injuries, s/p ligament surgery

Uses:
Athletes & heavy-duty users requiring medial-lateral, rotational and hyperextension control

• Low-profile, strong carbon composite knee brace that achieves excellent patient compliance
• Custom made from cast of patient

TOWNSEND BOLD KNEE BRACE

Dx:
Moderate to severe ACL, MCL, LCL, & PCL instability, s/p knee ligament surgery

Uses:
Users requiring medial-lateral, rotational and hyperextension control to perform activities of daily living (ADLs)

• Low-profile, lightweight aluminum superstructure with semi malleable upper and lower cuffs
• The least bulky ligament brace available
• Off-the-shelf sizes: Small-XLarge
**TOWNSEND DOUBLE UPRIGHT OA BRACE**

**Dx:**
Osteoarthritis/DJD of medial or lateral compartment of knee with ligamentous instability

**Uses:**
Relieve pain from joint space narrowing at the medial or lateral aspect of the knee while also providing ligamentous stability

- *Off-the-shelf sizes: XS- XXL*
- *Custom made to cast of patient if patient does not fit in OTS*

**VQ OACTIVE UNLOADER ORTHOSIS**

**Dx:**
Osteoarthritis/DJD of medial or lateral compartment of knee

**Uses:**
Relieve pain from joint space narrowing at the medial or lateral compartment of knee

- *Single upright, laterally applied knee orthosis most effective for medial compartment unloading*
- *Least bulky unloader knee brace*
Neoprene Hinged Knee Orthosis

Dx:
Knee pain, mild instability, patellofemoral dysfunction, lateral tracking patellar disorder, mild osteoarthritis, mild meniscus tears

Uses:
Provides compression, medial/lateral stability, and promotes proper patellar tracking of knee

• Off-the-shelf sizes: XS - XXXL

Range of Motion Knee Orthosis

Dx:
Post-operative/post injury knee stability or immobilization

Uses:
Limits ROM to only the amount of movement ordered by doctor after surgery, fracture or injury

• Variable range of motion, free motion, or locked positioning in full extension
**KNEE IMMOBILIZER**

**Dx:** Knee instability, post-operative management

**Uses:** Immobilize knee while healing from a surgery or injury to the knee

• *Prevents flexion at the knee with posterior, medial, and lateral aluminum stays*

**HIP ABDUCTION ORTHOSIS**

**Dx:** Hip dislocations, subluxations, post-operative management, surgical revisions

**Uses:** Prevent hip joint from dislocating

• *Hip joint options include variable, static, and free range of motion for abduction, adduction, flexion, and extension*
**WRIST SPLINT**

**Dx:**
Wrist pain, carpal tunnel syndrome, tendonitis, wrist sprain/strain, post-fracture management

**Uses:**
Stabilize wrist in neutral position, relieve wrist pain
- Rigid malleable dorsal and volar stays to prevent unwanted wrist flexion and extension
- Pediatric and adult sizes

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**THUMB SPICA ORTHOSIS**

**Dx:**
CMC joint stabilization, carpal tunnel syndrome, tendonitis, wrist sprain/strain, post-fracture management

**Uses:**
Stabilize wrist and thumb in neutral position
- Stabilize wrist and base of thumb in neutral position
- Pediatric and adult sizes
RESTING HAND ORTHOSIS

**Dx:**
- CVA, paralysis, contracture management, spasticity, post-operative management

**Uses:**
- Stabilize wrist, hand, fingers & thumb in functional position
- Prevents wrist/hand contracture
- Moldable plastic shell with a soft interface

ULNAR/RADIAL FRACTURE ORTHOSIS

**Dx:**
- Mid ulnar or radial fractures, post-operative or post-cast stabilization

**Uses:**
- Aid in healing and alignment of fractured bones
- Provides total contact with circumferential compression for increased stability of ulnar/radial segments
HUMERAL FRACTURE ORTHOSIS

Dx:
Mid humeral fractures, post-operative or post-cast stabilization

Uses:
Aid in healing and alignment of humeral fracture

• Provides total contact with circumferential compression for increased stability of fractures

RANGE OF MOTION ELBOW ORTHOSIS

Dx:
Elbow dislocations, post-operative management, contracture management, fracture management

Uses:
Limits ROM to only the amount of movement ordered by doctor after surgery or injury

• Variable range of motion, free motion, or locked positioning in full extension
**SHOULDER IMMOBILIZER**

**Dx:**
Glenohumeral dislocation/subluxation, soft tissue injury/repair

**Uses:**
Stabilizing the upper extremity in a neutral position to aid in healing of a soft tissue injury and/or repairs

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**SHOULDER ABDUCTION SLING (ULTRA SLING)**

**Dx:**
Rotator cuff repairs, shoulder capsule injury, glenohumeral dislocation, soft tissue injury/repair

**Uses:**
- Limits movements that might cause dislocation of the shoulder
- Stabilizes upper extremity in a neutral position post shoulder surgery
CLAVICLE STRAP (FIGURE 8 STRAP)

Dx:
Clavicle fracture

Uses:
Aid in healing and alignment of clavicle fracture by retracting shoulders
• Foam padded shoulder straps with velcro closure
• Pediatric and adult sizes

SEMI-RIGID CERVICAL COLLAR

Dx:
Degenerative pathologies, cervicalgia, arthritis, stable cervical fractures, post-op stabilization

Uses:
Immobilization of neck after injury or surgery
• Aspen Vista Multi Post Collar: Fully adjustable collar with pivoting occipital panels
**SEMI-RIGID LUMBOSACRAL ORTHOSIS (LSO)**

**Dx:**
Low back pain, lumbar stenosis, disc herniation, stable fracture, post-operative support, lumbar strains/sprains

**Uses:**
Pain relief and tri-planar support of lumbar spine
- Ease of donning via pull-cord design to achieve optimal abdominal compression
- OTS Sizes: XS - XXXXL

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**SOFT THORACO-LUMBAR ORTHOSIS (TLSO)**

**Dx:**
Thoracic and lumbar back pain, postural support, kyphosis, osteoporosis

**Uses:**
To improve posture and stabilize thoracic and lumbar spine
- Padded shoulder straps retract shoulders to improve posture
- Great for patients who can’t tolerate a semi-rigid orthosis
- OTS Sizes: SM-XXL
**HYPEREXTENSION ORTHOSIS**

**Dx:** Stable T7-L2 compression fractures  
**Uses:** Hyperextension of thoracic spine to promote healing of anterior  
• *CASH and Jewett styles available*

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**THORACO-LUMBO-SACRAL ORTHOSIS (TLSO BODY JACKET, CUSTOM)**

**Dx:** Thoracic and lumbar fracture management, post-operative stabilization, spinal stenosis, degenerative pathologies  
**Uses:** Restrict flexion, extension, and lateral bending of entire spine  
• *Rigid plastic exterior shell with soft lining*  
• *Bi-valve design (Clam Shell)*
THORACO-LUMBO-SACRAL ORTHOSIS (TLSO, OFF THE SHELF)

**Dx:**
Stable thoraco-lumbar fractures and post-op stabilization, chronic thoracic and lumbar pain

**Uses:**
Restrict flexion, extension, and lateral bending of entire spine

- Pull cord design to achieve optimal abdominal compression for pain relief and ease of donning
- Increased patient compliance compared to Body Jacket

ASPEN PEAK SCOLIOSIS BRACING SYSTEM

**Dx:**
Adult scoliosis

**Uses:**
Adults interested in a non-operative way to address scoliotic curve to reduce body lean and pain

- Unloader brace to relieve pain, improve posture, and increase a patient’s ability to perform ADLs
- Not meant to be worn for longer than 6 hours per day
BOSTON STYLE SCOLIOSIS ORTHOSIS

**Dx:**
Idiopathic scoliosis, kyphoscoliosis

**Uses:**
Prevent progression of scoliotic curve in adolescents

- Custom-made rigid plastic shell with soft lining
- Can treat apices up to T-7
- Worn 16-23 hrs/day

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NOCTURNAL SCOLIOSIS ORTHOSIS

**Dx:**
Idiopathic scoliosis

**Uses:**
Prevent progression of scoliotic curve in adolescents

- Nighttime overcorrection orthosis
- Custom-made rigid plastic shell with soft lining
- AKA: Charleston Bending Brace, Providence Brace
**PROSTHETIC SHRINKER**

**Dx:** Below knee or above knee amputation

**Uses:** Compresses residual limb to reduce edema and shape it for prosthetic fitting

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**RIGID REMOVABLE PROTECTOR**

**Dx:** S/P below knee amputation

**Uses:**
- Applied immediately post-operatively to protect residual limb, reduce risk of edema and prevent knee flexion contracture
- Protects residual limb from accidental “bumps” or falls while amputee is adjusting to limb loss
- Easy access for wound inspection and dressing
**SYMES PROSTHESIS**

- Ankle disarticulation prosthesis
- Consists of a custom socket, adaptor and foot
- This amputation level allows weight bearing on the distal end of residual limb which is advantageous for the user
- Customization based on past medical history, occupation, hobbies, activity level, skin integrity, shape of residual limb, and goals of patient

**BELOW KNEE PROSTHESIS**

- Consists of a custom socket, pylon and foot
- Feet options range from stable, for the less active patient, to dynamic for the active and athletic amputee
- Customization based on past medical history, occupation, hobbies, activity level, skin integrity, shape and length of residual limb, and goals of patient
ABOVE KNEE PROSTHESIS

- Consists of a custom socket, knee joint, pylon and foot
- Feet & Knee options range from stable, for the less active patient, to dynamic for the active and athletic amputee
- Customization based on past medical history, occupation, hobbies, activity level, skin integrity, shape and length of residual limb, and goals of patient

BELOW ELBOW PROSTHESIS

- Consists of a custom socket, wrist unit, and terminal device (hook or hand)
- Body Powered or Myo-electric activation of terminal device
- Customization based on past medical history, occupation, hobbies, activity level, skin integrity, shape and length of residual limb, and goals of patient
ABOVE ELBOW PROSTHESIS

- Consists of a custom socket, elbow unit, forearm, wrist unit and terminal device (hook or hand)
- Body Powered or Myo-electric activation of elbow & terminal device
- Customization based on past medical history, occupation, hobbies, activity level, skin integrity, shape and length of residual limb, and goals of patient
This guide provides HCPC (L-Codes) for the most commonly used bracing.

Please call our office at (661) 281-2127 if you need further assistance in determining a code for an item not included on this list.

### Upper Extremity Orthosis Codes

<table>
<thead>
<tr>
<th>Bracing</th>
<th>Description</th>
<th>HCPC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Image" /></td>
<td>Wrist Splint</td>
<td>L3908</td>
</tr>
<tr>
<td><img src="image2" alt="Image" /></td>
<td>Thumb Spica (Wrist/Thumb Splint) (MEDI-CAL ONLY)</td>
<td>L3808</td>
</tr>
<tr>
<td><img src="image3" alt="Image" /></td>
<td>Resting Hand Split or Thumb Spica (Non MEDI-CAL)</td>
<td>L3807</td>
</tr>
<tr>
<td><img src="image4" alt="Image" /></td>
<td>Figure 8 Clavicle Splint</td>
<td>L3650</td>
</tr>
<tr>
<td><img src="image5" alt="Image" /></td>
<td>Shoulder Immobilizer</td>
<td>L3650</td>
</tr>
<tr>
<td><img src="image6" alt="Image" /></td>
<td>Tennis Elbow Brace</td>
<td>L3710</td>
</tr>
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</table>
# SPINAL/CERVICAL ORTHOSIS CODES

<table>
<thead>
<tr>
<th>BRACING</th>
<th>DESCRIPTION</th>
<th>HCPC CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Soft Cervical Collar" /></td>
<td>Soft Cervical Collar (<strong>NOT covered by Medicare</strong>)</td>
<td>L0120</td>
</tr>
<tr>
<td><img src="image2.png" alt="Semi-Rigid Cervical Collar" /></td>
<td>Semi-Rigid Cervical Collar</td>
<td>L0180</td>
</tr>
<tr>
<td><img src="image3.png" alt="Low Back Pain Back Brace" /></td>
<td>Low Back Pain Back Brace Lumbo-Sacral Orthosis (LSO)</td>
<td>L0631</td>
</tr>
<tr>
<td><img src="image4.png" alt="Mid-High Back Pain Back Brace" /></td>
<td>Mid-High Back Pain Back Brace Thoraco-Lumbo-Sacral Orthosis (TLSO)</td>
<td>L0464</td>
</tr>
<tr>
<td><img src="image5.png" alt="Soft-Thoraco-Lumbo-Sacral Orthosis" /></td>
<td>Soft-Thoraco-Lumbo-Sacral Orthosis (Soft TLSO)</td>
<td>L0454</td>
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<tr>
<td><img src="image6.png" alt="Hyperextension Orthosis (Jewitt/CASH)" /></td>
<td>Hyperextension Orthosis (Jewitt/CASH) For compression Fx’s T7-T12</td>
<td>L0472</td>
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## SPINAL/CERVICAL ORTHOSIS CODES

<table>
<thead>
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<th>BRACING</th>
<th>DESCRIPTION</th>
<th>HCPC CODE</th>
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<tbody>
<tr>
<td><img src="image1.png" alt="Lace Up Ankle Brace" /></td>
<td>Lace Up Ankle Brace</td>
<td>L1906</td>
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<tr>
<td><img src="image2.png" alt="Gel/Air Ankle Stirrup" /></td>
<td>Gel/Air Ankle Stirrup</td>
<td>L4350</td>
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<tr>
<td><img src="image3.png" alt="Plantar Fasciitis Night Splint" /></td>
<td>Plantar Fasciitis Night Splint</td>
<td>L4396</td>
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<tr>
<td><img src="image4.png" alt="CAM Walker Immobilizer Boot" /></td>
<td>CAM Walker Immobilizer Boot (for ankle or foot sprains/fractures)</td>
<td>L4360</td>
</tr>
<tr>
<td><img src="image5.png" alt="Custom Arch Supports, Pair" /></td>
<td>Custom Arch Supports, Pair</td>
<td>L3000 x 2</td>
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</table>
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<tr>
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<th>DESCRIPTION</th>
<th>HCPC CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft Neoprene Hinged Knee Brace</td>
<td>L1820</td>
<td></td>
</tr>
<tr>
<td>Neoprene Hinged Knee Brace with Patella Stabilizer</td>
<td>L1820, L2795</td>
<td></td>
</tr>
<tr>
<td>Knee Immobilizer</td>
<td>L1830</td>
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</tr>
<tr>
<td>Off-the-Shelf ACL Knee Brace</td>
<td>L1845</td>
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<tr>
<td>Custom ACL Knee Brace</td>
<td>L1846</td>
<td></td>
</tr>
<tr>
<td>Off-the-Shelf Unloader Knee Brace</td>
<td>L1843</td>
<td></td>
</tr>
<tr>
<td>Custom Unloader Knee Brace</td>
<td>L1844</td>
<td></td>
</tr>
</tbody>
</table>
Bakersfield Prosthetics and Orthotics Center accepts the following insurance plans at all of their clinics in Bakersfield, Porterville, and Delano.

- KAISER
- GEMCARE (BAKERSFIELD)
- DELANO IPA
- BLUE CROSS
- LA SALLE
- INDEPENDENCE MEDICAL GROUP
- BLUE SHIELD
- HEALTHNET: BFMC, TULARE COUNTY DIRECT, AND PPO
  - BFMC
  - MEDICARE
  - MEDICAL
  - PACIFIC CARE
  - KERN LEGACY
  - QUALCARE
  - COUNTY OF KERN
  - WORKERS’ COMPENSATION
  - MOST PRIVATE PPO’S

✓ We accept other insurances as well, please contact us at 661-281-2127 to determine coverage