

## ***Lower Extremity Fracture Bracing***

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## Aircast (DJO) - Leg Brace

- Anatomically designed shells lined with the patented Duplex aircell system
- Sock included

**Indications:** Functional management of stress fractures and the graduated management of certain stable fractures of the lower leg

Description	Height	Product No.	
		Left	Right
Standard Leg Brace	15 <sup>1</sup> / <sub>2</sub> "	03AL	03AR
Small Leg Brace	13"	03CL	03CR
Standard w/anterior panel	15 <sup>1</sup> / <sub>2</sub> "	03BL	03BR
Small w/anterior panel	13"	03DL	03DR



## DeRoyal - Posterior Leg Splint

- Pre-molded aluminum design for anatomical fit and proper support
- Open front for easy application
- X-ray lucent

**Indications: Short:** Transverse fractures of the tibia/fibula; Ankle fractures; Lower leg immobilization; **Full:** Shaft fractures of the femur; Knee immobilization

Size	Length	Product No.	
		With Foam	Without Foam
<b>Short Leg</b>			
Child	12"	9127-01	9116-01
Youth	14"	9127-02	9116-02
Adult	16"	9127-03	9116-03
<b>Full Leg</b>			
Child	19 <sup>1</sup> / <sub>2</sub> "	9128-01	9117-01
Youth	25"	9128-02	9117-02
Adult	31"	9128-03	9117-03

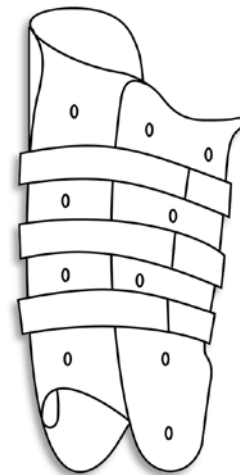


## Orthomerica - Femoral Fracture Brace

- Narrow M-L/natural shape, natural alignment (NSNA)
- Adjustable hook and loop straps accommodate swelling and facilitate wound inspection
- Distal end easily trimmed to desired length
- Flexible polyethylene allows total contact
- Anterior opening for ease of application

**Indications:** Femoral shaft fractures and proximal tibial fracture requiring long leg orthosis

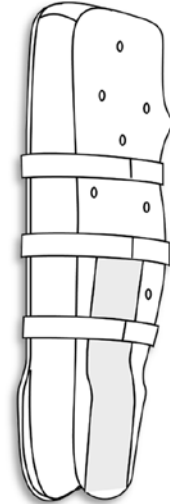
Size	Proximal Circum.	Distal Circum.	Lateral Height	Medial Height	Product No.	
					Left	Right
Small	17"-21"	13"-16"	15"	10"	1640	1645
Medium	20"-24"	15"-18"	16 <sup>1</sup> / <sub>4</sub> "	11 <sup>3</sup> / <sub>4</sub> "	1641	1646
Large	23"-27"	17"-20"	16 <sup>1</sup> / <sub>2</sub> "	12 <sup>1</sup> / <sub>2</sub> "	1642	1647
X-Large	26"-30"	19"-22"	17 <sup>1</sup> / <sub>4</sub> "	12 <sup>3</sup> / <sub>4</sub> "	1643	1648



**Tibia Fracture Brace (Tibial Section)**

- Lower leg component of long-leg orthosis with anterior opening and tongue
- Polyethylene permits trimming or modification with a heat gun
- Versatile – accepts knee joints of any design
- Combines with femoral section for easily applied orthosis in hospital and clinical settings

Size	Ankle Circum.	Calf Circum.	Length (sup. patella to apex of malleolus)	Product No.	
				Left	Right
Small	8"-10"	11"-13"	16 <sup>1</sup> / <sub>2</sub> "-18 <sup>1</sup> / <sub>2</sub> "	1620	1625
Medium	9"-11"	13"-15"	17 <sup>1</sup> / <sub>2</sub> "-19 <sup>1</sup> / <sub>2</sub> "	1621	1626
Med/Long	9"-11"	14"-16"	21 <sup>1</sup> / <sub>2</sub> "-23 <sup>1</sup> / <sub>2</sub> "	1622	1627
Large	10"-12"	15"-17"	19 <sup>1</sup> / <sub>2</sub> "-21 <sup>1</sup> / <sub>2</sub> "	1623	1628

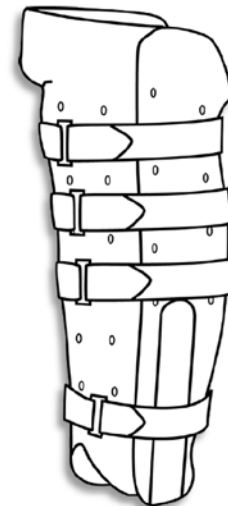


**Orlando® TPFx (Tibial Fracture Brace)**

- Clamshell (bivalve) configuration for soft tissue compression
- "PTB" style trim and mold shape provides rotational stability
- Bi-directional straps for equal distribution of circumferential forces
- Padded anterior shell with ventilation holes for increased comfort
- Includes 2 socks

**Indications:** For non-operative or post-operative treatment of tibial fractures, following internal fixation of these fractures or following the removal of an external fixation device

Size	Ankle Circum. (proximal to malleoli)	Calf Circum. (bulge at gastroc.)	Length (knee ctr. to floor)	Product No.	
				Left	Right
Small	8"-10"	10"-15"	20"	1530	1535
Medium	9"-11"	12"-17"	21"	1531	1536
Large	10"-12"	14"-19"	22"	1532	1537



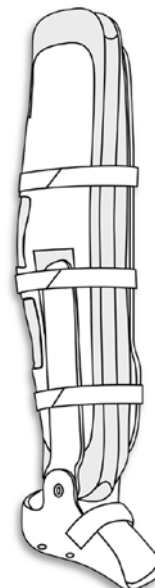
Lower Extremity  
Fracture Bracing

**Post-Op Tibial Fracture Brace**

- Adjustable hook and loop straps accommodate volume changes
- Anterior opening facilitates soft tissue monitoring
- Plastic superstructure allows excellent quality x-rays, provides circumferential support and hydraulics for early weight bearing to address orthopedic protocols
- Modular shoe inserts are interchangeable, includes 2 socks

**Indications:** Designed to provide extra support post-operatively, especially following intramedullary nailing of the tibia and following removal of external fixation devices

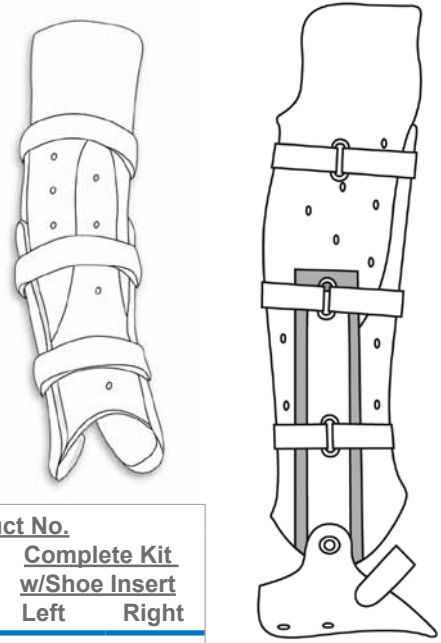
Size	Ankle Circum.	Calf Circum.	Length (superior patella to apex of malleoli)	Product No.	
				Left	Right
Small	8"-10"	11"-13"	16 <sup>1</sup> / <sub>2</sub> "-18 <sup>1</sup> / <sub>2</sub> "	1571	1576
Medium	9"-11"	13"-15"	17 <sup>1</sup> / <sub>2</sub> "-19 <sup>1</sup> / <sub>2</sub> "	1572	1577
Large	10"-12"	15"-17"	19 <sup>1</sup> / <sub>2</sub> "-21 <sup>1</sup> / <sub>2</sub> "	1573	1578



## Tibial Fracture Brace (Sarmiento-Type)

- Allows movement of adjacent joints (knee, ankle and foot) to increase blood flow, osteogenesis and function
- Lightweight durable thermoplastic can be trimmed with cast scissors and modified with a heat gun
- Used with free-motion shoe insert
- "PTB" type design provides rotational control, and more circumferential hydraulics, allowing fit 2-6 weeks post fracture

**Indications:** Designed for diaphyseal fractures of the tibia and fibula



Complete kit with single axis shoe insert

Size	Ankle Circum. (proximal to malleoli)	Calf Circum. (bulge at gastroc.)	Length (sup. pole of patella to apex of lat. malleolus)	Product No.			
				Tibial Section Only		Complete Kit w/Shoe Insert	
				Left	Right	Left	Right
Small	8"-10"	11"-13"	16 <sup>1</sup> / <sub>2</sub> "-18 <sup>1</sup> / <sub>2</sub> "	1550	1555	1730	1735
Medium	9"-11"	13"-15"	17 <sup>1</sup> / <sub>2</sub> "-19 <sup>1</sup> / <sub>2</sub> "	1551	1556	1731	1736
Medium/Long	9"-11"	14"-16"	20 <sup>1</sup> / <sub>2</sub> "-22 <sup>1</sup> / <sub>2</sub> "	1552	1557	1732	1737
Large	10"-12"	15"-17"	19 <sup>1</sup> / <sub>2</sub> "-21 <sup>1</sup> / <sub>2</sub> "	1553	1558	1733	1738
Large/Long	10"-12"	16"-18"	22"-24"	1554	1559	1734	1739

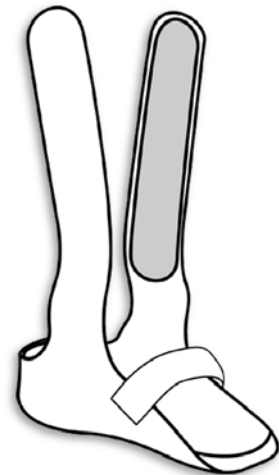
Lower Extremity Fracture Bracing

## Solid Ankle Shoe Insert

- Hook and loop attachment facilitates use with tibial, femoral and ankle fracture braces
- Can be replaced with single axis shoe insert when indicated
- Low profile to fit most laced shoes
- Eliminates need for custom foot or ankle orthotic attachment

**Indications:** Effective for long leg braces on CVA patients with flaccid foot drop

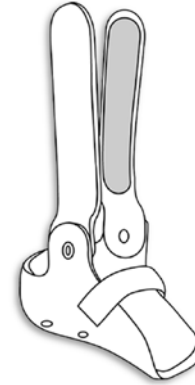
Size	Foot Plate Length	US Shoe Size		Product No.	
		Men's	Women's	Left	Right
Small	5 <sup>1</sup> / <sub>2</sub> "	5-7	6 or lower	1600	1605
Medium	6"	7 <sup>1</sup> / <sub>2</sub> -10	6 <sup>1</sup> / <sub>2</sub> +	1601	1606
Large	6 <sup>1</sup> / <sub>4</sub> "	10 <sup>1</sup> / <sub>2</sub> -13	—	1602	1607



**Fracture Brace Shoe Insert - Free Motion**

- Versatile single axis shoe insert for use on tibial, femoral, ankle fracture braces, casts, and cast braces
- Limits inversion and eversion, allows dorsiflexion and plantarflexion
- Perforated heelcup to limit moisture buildup
- Offset uprights to accommodate swelling at malleoli
- Hook and loop hook on uprights facilitates fitting

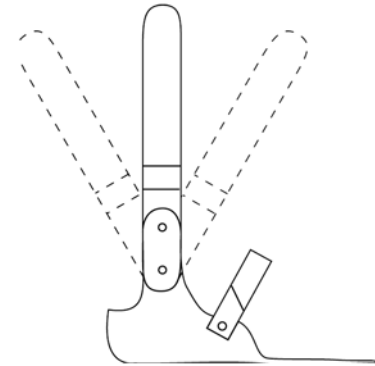
Size	Foot Plate Length	US Shoe Size		Product No.	
		Men's	Women's	Left	Right
Small	4 <sup>1</sup> / <sub>4</sub> "	5-7	6 or lower	1580	1585
Medium	4 <sup>3</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>2</sub> -10	6 <sup>1</sup> / <sub>2</sub> +	1581	1586
Large	5"	10 <sup>1</sup> / <sub>2</sub> -13	—	1582	1587
X-Large	5 <sup>1</sup> / <sub>2</sub> "	13+	—	1583	1588



**Adjustable Single Axis Shoe Insert**

- Prefabricated, adjustable single axis shoe insert
- Foot plate extends to sulcus – easily trimmed
- Adjustable ankle motion – free or fixed
- Especially effective for long leg braces on CVA patients with flaccid foot drop
- Hook and loop hook on uprights facilitates fitting

Size	Foot Plate Length	US Shoe Size		Product No.	
		Men's	Women's	Left	Right
Small	7 <sup>1</sup> / <sub>2</sub> "	5-7	6 or lower	1560	1565
Medium	8"	7 <sup>1</sup> / <sub>2</sub> -10	6 <sup>1</sup> / <sub>2</sub> +	1561	1566
Large	8 <sup>1</sup> / <sub>2</sub> "	10 <sup>1</sup> / <sub>2</sub> -13	—	1562	1567



**ProCare (DJO) - Posterior Tibia/Fibula Splint**

- Aluminum pre-formed, padded splint is designed to aid in treatment of tibia/fibula or ankle fractures
- Ventilation holes facilitate air circulation for patient comfort

**Indications:** Transverse fractures of the tibia/fibula; Ankle fractures

Size	Length x Width	Product No.
Small	11" x 7"	79-72283
Medium	13 <sup>1</sup> / <sub>2</sub> " x 8"	79-72285
Large	16" x 9 <sup>1</sup> / <sub>2</sub> "	79-72287



**Femoral Leg Splint**

- Malleable coated aluminum
- Fully ventilated for patient comfort
- Fits right or left leg

**Indications:** Immobilization and support of knee and femoral fractures

Size	Length x Width	Product No.
Small	20" x 8"	79-72293
Medium	25" x 8"	79-72295
Large	30" x 9 <sup>1</sup> / <sub>2</sub> "	79-72297



**Tibial Fracture Brace**

- Foam lined preformed Sarmiento style patella tendon-bearing brace provides intimate contact needed for effective support of tibial fractures
- Bilateral upright foot component to add medial/lateral support as well as to prevent distal slippage
- Each brace comes complete with two double thick stockinettes
- Measure length from superior border of patella to mid-level malleoli

Size	Calf Circum.	Length	Product No.	
			Left	Right
Small	11"-13"	15"-16 <sup>1</sup> / <sub>2</sub> "	79-97693	79-97703
Med/Long	13"-15"	18"-20"	79-97694	79-97704
Medium	13"-15"	16 <sup>1</sup> / <sub>2</sub> "-18 <sup>1</sup> / <sub>2</sub> "	79-97695	79-97705
Large	15"-18"	18"-20"	79-97697	79-97707
Large/Long	15"-18"	19 <sup>1</sup> / <sub>2</sub> "-21 <sup>1</sup> / <sub>2</sub> "	79-97696	79-97706

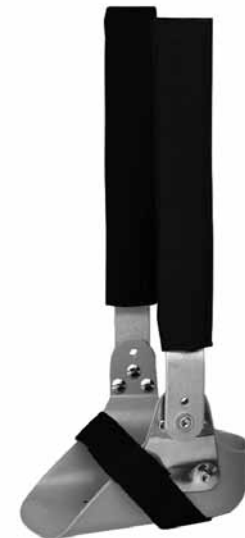


**RCAI - Shoe Insert (Standard)**

- Transmits patient load from brace to the ground, offloading pressure from the fracture site
- Measure mid-heel width with patient standing on flat surface (non-weight bearing)

**Indications:** Designed to control foot, ankle and knee rotation when used with the Universal Leg Brace or the Deluxe HP POP Knee Brace

Size	Heel Width	Height	Product No.	
			Left	Right
Pediatric (Universal)	1 <sup>1</sup> / <sub>2</sub> "-1 <sup>3</sup> / <sub>4</sub> "	8 <sup>1</sup> / <sub>2</sub> "	80SI-P-U	
Small	1 <sup>3</sup> / <sub>4</sub> "-2"	10 <sup>1</sup> / <sub>2</sub> "	80SI-S-L	80SI-S-R
Medium	2"-2 <sup>1</sup> / <sub>2</sub> "	12 <sup>1</sup> / <sub>2</sub> "	80SI-M-L	80SI-M-R
Large	2 <sup>1</sup> / <sub>2</sub> "-3"	13"	80SI-L-L	80SI-L-R



**Knit-Rite - Cast-Rite® Fracture Cast Sock**

- Can be used with most plastic and plaster casting materials
- Full foot design for procedures where cast encompasses all or part of the foot
- Sock may be trimmed distally and/or proximally and folded back into plaster or other casting material, or extra length may be folded down over the top of cast
- 2 ply, 100% stretchable
- 97% Acrylic, 3% Lycra



Size	Length Incl. Foot	Top Width	Toe Width	Calf Circum.	Product No.
<b>BK Closed Toe</b>					
Small	18"	3"	2"	5"-10"	<b>1FL2BCSM</b>
Medium	22"	5"	3"	8"-16"	<b>1FL2BCMD</b>
Large	26"	7"	4"	11"-22"	<b>1FL2BCLG</b>
<b>BK Rounded Toe</b>					
Small	18"	3"	2"	5"-10"	<b>1FL2BRSM</b>
Medium	22"	5"	3"	8"-16"	<b>1FL2BRMD</b>
Large	26"	7"	4"	11"-22"	<b>1FL2BRLG</b>
<b>AK Closed Toe</b>					
Small	26"	4"	2"	5"-10"	<b>1FL2ACSM</b>
Medium	30"	7"	3"	8"-16"	<b>1FL2ACMD</b>
Large	34"	9"	4"	11"-22"	<b>1FL2ACLG</b>

**Cast-Rite™ Fracture Brace Sock**

- Open toe design reduces bulk so that shoe may be worn
- Gradual taper and heel pocket provide smooth fit
- 97% acrylic, 3% Lycra
- Top and toe finishing
- Available in 2-ply White



Size	Length Incl. Foot	Top Width	Toe Width	Calf Circum.	Product No.
<b>Below Knee Sizing</b>					
X-Small	14"	2"	1½"	2"-4"	<b>1FL2BBXS</b>
Small	16"	3"	2"	5"-10"	<b>1FL2BBSM</b>
Medium	20"	5"	3"	8"-16"	<b>1FL2BBMD</b>
Large	24"	7"	4"	11"-22"	<b>1FL2BBLG</b>
<b>Above Knee Sizing</b>					
Small	24"	4"	2"	5"-10"	<b>1FL2ABSM</b>
Medium	28"	7"	3"	8"-16"	<b>1FL2ABMD</b>
Large	32"	9"	4"	11"-22"	<b>1FL2ABLG</b>

## Femoral Socks (Closed Toe)

- Full foot design for procedures where cast encompasses all or part of the foot
- Sock may be trimmed distally and/or proximally and folded back
- Can be used with most plastic and plaster casting materials
- Stretches from 50-100% depending on ply
- 3-Ply Original Fracture Socks - 97% acrylic, 3% Lycra spandex
- 2-Ply Fracture Cast Socks - 97% cotton, 3% Lycra spandex

Size	Length	Top Width	Toe Width	Below Knee Width	Product No.
<b>Above and Below Knee - 3-Ply Original Fracture Socks</b>					
0A-36	36"	6"	3"	4 <sup>1</sup> / <sub>2</sub> "	<b>1SL30A36</b>
3A-35	35"	9"	3 <sup>1</sup> / <sub>2</sub> "	5"	<b>1SL33A35</b>
3A-39	39"	9"	3 <sup>1</sup> / <sub>2</sub> "	5"	<b>1SL33A39</b>
3A-42	42"	9"	3 <sup>1</sup> / <sub>2</sub> "	5"	<b>1SL33A42</b>
3A-46	46"	9"	3 <sup>1</sup> / <sub>2</sub> "	5"	<b>1SL33A46</b>
4A-46	46"	10"	3 <sup>1</sup> / <sub>2</sub> "	6"	<b>1SL34A46</b>
<b>Below Knee - 2-Ply Fracture Cast Socks</b>					
Small	18"	3"	2"	—	<b>1FC2BCSM</b>
Medium	22"	5"	3"	—	<b>1FC2BCMD</b>
Large	26"	7"	4"	—	<b>1FC2BCLG</b>