Remove (Cast)

IMPORTANT: DO NOT BIVALVE CAST TO REMOVE. ENSURE YOU ARE FAMILIAR WITH PROPER TECHNIQUE OF USING CAST SAW.

1. Remove outer boot.
2. At top of cast, cut stockinette horizontally and pull protective felt padding towards knee.
3. Use cast saw with hands always in contact with patient and saw.
   a. Cut down anterior crest of tibia and across dorsum of foot. (Fig. 16)
   b. Make second cut across toes.
   c. Make optional cut across malleoli if necessary.
4. Use bandage scissors to cut protective white sleeve from knee to toes. (Fig. 17)
5. Pull protective felt padding away from tibia and dorsum of foot. (Fig. 18)
6. Use bandage scissors to cut stockinette.
7. Remove foot/leg by grasping cast edges, spreading, and pulling off like a boot. Take care due to sharp edges. Do not impinge on toes. (Fig. 19)
8. Dispose of properly.

Product Questions or Orders

Order Code | Description (All units and cases sold individually unless stated otherwise)
--- | ---
TCC-EZ® Casting Systems
TCC23000 | 10 Casting Systems 3” with 2 Regular Boots
TCC23001 | 10 Casting Systems 3” with No Boot
TCC23002 | Casting System 3” Single Application
TCC23005 | 5 Casting System 3” with 1 Regular Boot
TCC23051 | 5 Casting System 3” with No Boot
TCC24000 | 10 Casting Systems 4” with 2 Regular Boots
TCC24001 | 10 Casting Systems 4” with No Boot
TCC24002 | Casting System 4” Single Application
TCC24005 | 5 Casting System 4” with 1 Regular Boot
TCC24014 | 10 Casting Systems 4” with 1 Large Boot
TCC24016 | 10 Casting Systems 4” with 1 Large Charcot Boot
TCC24024 | 10 Casting Systems 4” with 1 Extra Large Boot
TCC24026 | 10 Casting Systems 4” with 1 Extra Large Charcot Boot
TCC24051 | 5 Casting System 4” with No Boot
TCC24214 | 10 Casting Systems 4” with 2 Large Boots
TCC24224 | 10 Casting Systems 4” with 2 Extra Large Boots
TCC24050 | 5 - 3” and 5 - 4” with 2 Regular Boots
TCC25051 | 5 - 3” and 5 - 4” with No Boot

TCC-EZ® Boots
TCC21100 | Regular Boot
TCC21114 | Large Boot
TCC21116 | Large Charcot Boot
TCC21214 | Extra Large Boot
TCC21216 | Extra Large Charcot Boot

MedE-Kast™ Casting Systems
TCC2MK | Case of 10 Casting Systems
TCC2MKK|S | Casting System - Single Application
TCC2ULTR | Ultra Case of 10 Casting Systems
TCC2ULTRS | Ultra Casting System – Single Application

Rolls
TCC2FCGT03 | MedE-Kast 3” Roll Fiberglass Case Tape (10 Rolls)
TCC2FCGT04 | MedE-Kast 4” Roll Fiberglass Case Tape (10 Rolls)
TCC2FCGT05 | MedE-Kast 4” x 5 Yards Plaster Rigs (12 Rolls)

Other Items
TCC2SAW | Cast Removal Saw
TCC2SAWSSB | Cast Removal Saw Replacement Stainless Steel Blades (4 Blades)
TCC2VACFLT | Dust Vacuum Disposable Filter Cartridge
TCC2VAC | Cast Removal Dust Vacuum
TCC2SPRL | Cast Removal Spreader Large

Reimbursement

Outpatient Wound Clinic/Center
CPT 29445 (Application of a Total Contact Cast) – Physician Reimbursement
APC 0426 (Links with CPT 29445) – Medicare Clinic Reimbursement

Physician Office
CPT 29445 (Application of a Total Contact Cast) – Physician Reimbursement
Q4038 (Fiberglass Cast Supplies) – Supply Reimbursement
TCC-EZ® is equivalent to 3 rolls

Reimbursement Hotline:
Call our dedicated Reimbursement Information Line at 1-800-474-9511, Monday-Friday, 9 a.m.-5:30 p.m. EST

Advancing the Gold Standard of Care to the Next Generation.
1 Prep (Patient Preparation)

- **Note:** See Size Chart

1. Apply foam dressing to ulcer area and secure with paper tape. If sterile dressing package appears compromised, **DO NOT USE.** (Fig. 1)

2. Apply stockinette.
   a. Pull stockinette over entire foot extending to knee, Avoid disrupting the tape and dressing.
   b. Smoothly fold excess stockinette over dorsal of foot and secure with plastic tape. Leave one to two fingers at the end of the toes so the toes will not be impinged.
   c. Cut excess stockinette. (Fig. 2)

3. Apply protective felt padding.
   a. Align circular flaps over malleoli with shorter/narrower portion towards knee. (Fig. 3)
   b. Place sleeve over toes and unroll sleeve extending toward knee leaving 2" (5cm) of excess beyond toes. (Fig. 4)
   c. Ensure your patient has and understands the emergency removal instructions. (Fig. 5)
   d. Adjust top straps so they are snug around the patient’s leg, instruct patient that these straps must be snug at all times.
   e. Allow the patient to lightly weight bear.

4. Open clear plastic bag containing protective white sleeve and remove from bag.
   a. Starting with a 2" (5cm) fold, roll cast sock into a doughnut shape, leaving approximately 2-3" (5cm-7.6cm) of unrolled sock. (Fig. 6)
   b. Gently unroll sock towards knee. (Fig. 7)
   c. Ensure all existing protective layers are not being disrupted or binding the toes. Loosely fold excess sleeve over dorsum of foot and secure with plastic tape.
   d. Ensure all existing protective layers are not being disrupted or binding the toes. Loosely fold excess sleeve over dorsum of foot and secure with plastic tape.
   e. Cut excess sleeve. (Fig. 8)
   f. Pull sleeve to cover toes leaving approximately 2-4" (5cm-10cm) of excess beyond toes. (Fig. 9)
   g. Ensure optimal cast contact.
   h. If necessary, slide fingers between patient’s ankle area and Achilles tendon. Ensure all layers are smooth and the toes are not impinged. (Fig. 10)

2 Roll (Casting)

- **Use 70º – 80º (22-27ºC) temperature tap water. Cooler water will negatively impact the activation process. Warmer water will cause the cast to harden faster, but too warm will weaken the cast.**

1. Just prior to casting, place patient in a prone position with leg flexed at knee. (Fig. 11)

2. Apply cast sock.
   a. Starting with a 2" (5cm) fold, roll cast sock into a doughnut shape, leaving approximately 2-3" (5cm-7.6cm) of unrolled sock. (Fig. 12)
   b. To ensure thorough saturation, completely immerse rolled cast sock into water for 5-10 seconds, counting slowly. Give two gentle squeezes under water. (Fig. 13)
   c. Remove from water and squeeze gently and shake to remove excess water. Do not wring. (Fig. 14)
   d. Gently unroll sock towards knee. (Fig. 15)
   e. Fold back excess cast sock to widest point of calf to shorten cast length. Fold the proximal edge of stockinette distally covering all loose edges. (Fig. 16)

3 Apply (Outer Boot)

1. After the cast sock has cooled and hardened apply the outer boot (15-20 minutes after casting)
   a. Place hardened cast between upright struts of walker boot.
   b. Ensure struts align with (pre parallel) patient’s toes and forefoot and place the heel at the rear of the boot. (Fig. 17)
   c. Secure ankle strap, toe strap and then top straps to keep walker boot positioned properly relative to patient’s leg during ambulation.
   d. Adjust top straps so they are snug around the patient’s leg.

2. Review these instructions with your patient:
   a. Avoid weight-bearing activity for 24 hours after casting application. (Fig. 18)
   b. Outer boot MUST always be worn for ambulation. (Fig. 19)

- **On patients where foot is deformed or so large that it cannot fit within the upright struts of the boot, the device is contraindicated.**
- **Recommendation: Cover cast to protect the other foot and leg, especially while sleeping.**

**Recommended Cast Sock Sizing**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Regular</th>
<th>Large</th>
<th>Extra Large</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>11.40&quot;</td>
<td>12.25&quot;</td>
<td>13.75&quot;</td>
</tr>
<tr>
<td>Width at Ankle</td>
<td>3.94&quot;</td>
<td>4.11&quot;</td>
<td>4.29&quot;</td>
</tr>
<tr>
<td>Top Width</td>
<td>4.60&quot;</td>
<td>4.76&quot;</td>
<td>5.14&quot;</td>
</tr>
</tbody>
</table>

**Approximate Shoe Size**

- **Men's:** 6-10, 10.5 – 13 wide, 13.5 – 18 X-wide
- **Women's:** 5-11.5, 11.5 + wide, 11.5+ X-wide

**Chart**

- **Recommended Boot Dimensions**
  - **Length:** 11" to 17" (24-44 cm)
  - **Width:** 3" or 4"
  - **Calf Size:** 11" to 14" (27.9 cm – 35.5 cm)

- **Activity Level and Weight Guidelines**
  - **Activity:** Active, Sedentary, Non-Ambulatory
  - **Patient Weight:** <325 lbs, <400 lbs, 400+ lbs
  - **Charcot Large and Extra Large boots designed for rocker bottom deformity are available.**

**Easy roll-on, one layer, lightweight structure, all-in-one kit**

* May be purchased separately.

**Easy as 1 • 2 • 3**

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**For More Information Visit:**
- TCC-EZ.com or call 800.445.7627
- For patient information visit: TCCpatient.com