

Traction Splint Set Operating Instructions

Safety and Operating Instructions

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WARNING

- **Improper use can cause serious injury. Use the splint only as described in this manual.**
- **Improper maintenance can cause serious injury. Maintain the splint as described in this manual.**
- **Using improper parts and service can cause serious injury.**

PRODUCT DESCRIPTION

Technical Features:

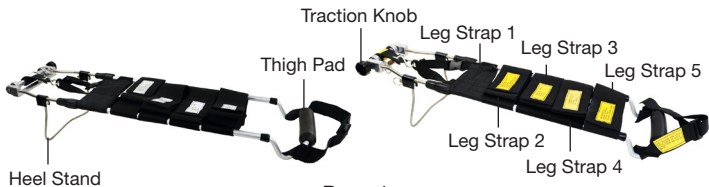
Relieve the tissue pressure on fractured leg by means of traction applied thus avoids further hemorrhages, shock and secondary nervous, vascular, bone and muscular damages.

Length adjusted aluminum structure durable nylon leg straps automatic traction mechanism.

Set of adult and pediatric sizes together with the carry bag.

Model for Adult: Stretch Size (LxWxH): 138x21x18cm
(STC-TS1A) Normal Size (LxWxH): 88x21x18cm
Heel stand (Width): 24.5cm
N.W: 2.2kg

Model for Child: Stretch Size (LxWxH): 118x18x17cm
(STC-TS1C) Normal Size (LxWxH): 80x18x17cm
Heel stand (Width): 21.5cm
N.W: 2.0kg



Attaching the leg Steps:

Four leg straps are included with the splint.

Attach the leg straps to the splint. Wrap the nylon webbing strap around the metal frame of the splint, using the Velcro to fasten the strap to the splint.

The overall length of the splint is adjustable to fit each patient's leg. To adjust the length of the splint, loosen the lock collars by turning them counterclockwise. Pull or push the splint to the appropriate length. Tighten the lock collars by turning them clockwise. To unfold the heel stand, pull the stand - release ring, and pull down the heel stand.

USING THE SPLINT

Adjust the Splint:

Place the splint alongside the patient's uninjured leg and adjust the splint to the appropriate length. The patient's heel should be three to four inches above the heel stand bracket.

Slide the leg straps along the splint until they are evenly spaced, then unfasten them.

Open the heel stand by pulling the heel-stand release ring. After the heel-stand release ring, check to make sure the heel stand is locked into place.

Apply the Ankle Wrap:

Follow the normal protocol for splinting a fracture. One operator should support the injured leg while the other applies the splint. Slide the ankle wrap under the ankle of the injured leg. The traction strap will extend below the foot. Align the bottom edge of the ankle wrap with the top of the heel.

Adjust the ankle wrap so the foot is centered on the wrap and the ends of the traction strap are aligned with the ankle bones.

Apply the Splint:

While continuing to support the injured leg, slide the splint under the injured leg until the thigh pad rests against the lower pelvic bone. Fasten the hip strap.

Pull the traction-release ring to loosen the ratchet strap. Bring the S-hook over the top of the splint.

Attach the s-hook to the D-ring. Turn the traction knob to apply traction. Check with your medical advisor to determine the amount of traction to apply to the leg. Make sure the strap 1 is directly under the ankle, then release the ankle, allowing it to rest on the leg straps.

Remove the Splint:

When the appropriate medical authority agrees, remove the splint from the patient's leg.

Unfasten the leg straps and support the foot and ankle.

Grasp the traction strap above the D-ring to keep the leg stable when the traction is released.

Release the traction by pulling the traction-release ring. Unhook the s-hook from the D-ring. Gently slide the splint under the patient's leg. Wipe down the splint with disinfectant. If the splint is visibly dirty or you suspect exposure to body fluids, clean and disinfect it immediately after the ambulance call.

Disinfecting the Splint:

Wipe all surface with disinfectant. Follow the disinfectant manufacture's directions for use. As you wipe it down, check the splint for obvious damage and excessive wear. Rinse all surfaces with warm water. Towel dry the splint.

Cleaning the Splint:

Remove the leg straps and ankle wrap and place them in a mesh laundry bag. Machine wash them on cold. Allow them to air dry.