

SLISHMAN TRACTION SPLINT



STS Product Description and Benefits:

The STS was developed by Dr. Sam Slushman at the University of New Mexico to overcome many of the design limitations of conventional traction splints. The innovative STS design has the traction mechanism positioned at the patient's hip. Femur traction is applied through the extension of the pole segments creating a pushing force on the ankle strap instead of pulling distally from the foot. This innovative design change provides a number of outstanding benefits over conventional traction splints:

The STS Does Not Extend Beyond the Foot

The traction splint stays anatomically contained from the patient's hip to ankle and thus does not extend outside backboards, litters and stretchers. This greatly reduces the risk of the splint being struck while extricating patients in space restrictive environments resulting in further injury to the patient. It also reduces the likelihood of the splint jamming up against ambulance doors and airframes.

Rapid Patient Application

The unique design of the STS makes it the fastest splint available to apply. No poles to assemble or mechanisms to set up. When you need to immobilize the patient quickly for rapid extrication the STS won't slow you down.

The STS is Not Contraindicated in Lower Leg Injury or Amputation

While other traction splints are contraindicated with lower leg injury or amputation, the STS's unique design allows the ankle strap to be alternately positioned proximal to the calf. This allows femur traction to still be applied and leaves the lower leg accessible for other splinting or bandaging.

Lightweight and Compact

The STS weighs only 21 ounces and 22" x 3" in size. It doesn't take up much space in vehicles or aircrafts and can easily be strapped to trauma bags and backpacks.

One Size Fits All

The STS works with both adults and peds. No need to carry two different splints. If your agency requires you to carry two traction splints, two STS splints can be carried for bi-lateral splinting.

Traction Mechanism Accessible During Transport

If traction adjustment is needed while enroute the STS traction adjustment is accessible at the patient's hip, not jammed up against the door or airframe at the patient's foot.

7. Radiolucent

8. Lifetime Warranty

PRODUCT SPECIFICATIONS:

- The Slishman Traction Splint weighs 21 ounces (595 grams) in the case.
- The carrying case dimensions are 22" X 3" X 3" or 56cm x 7.6cm x 7.6cm.
- Included are 3 telescoping aluminum poles with 2 easy-to-use thumb screw locks, a neoprene ankle hitch, an adjustable nylon groin strap with quick-release buckle, and an optional mid-leg neoprene strap that can be applied for added rotational stability.
- Telescoping poles are made of light weight, high tensile strength 6061 aluminum.
- Aluminum is barely visible on X-ray. Thumb screws on locks are steel, and are therefore, visible on X-ray.
- Corrosion and shock resistant.
- Temperature stable.

STS AWARDS & RECOGNITION

The STS traction splint was awarded a 2012 EMSWorld Product Innovation Award, 2012 JEMS Hot Product, is a National Ski Patrol endorsed product and a National Tactical Officers Association recommended product.

