

## FEMORAL TRACTION SPLINT COMPARISONS

Position relative to injured leg	Lateral					Medial	Lateral and Medial	
CHARACTERISTICS/PRODUCT	STS-G2	STS-C	CT-7	CT-6	KTD	SAGER	DONWAY	HARE/REEL
<b>Weight</b>	17oz	14.6 oz	16 oz	17.6 oz	20 oz	Heavy	Heavy	Heavy
<b>Cube size</b>	19" x 3" x 3"	12" x 3" x 3"	12" x 4" x 4"	12" x 4" x 3"	9.5" x 3.5" x 2"	Bulky	Bulky	Bulky
<b>Useful for proximal, mid and distal femur fractures</b>	✓	✓	✓	✓	✓	✓		
<b>One size fits all</b> No pediatric version needed	✓	✓	✓	✓	✓			
<b>Relatively radiolucent</b>	✓	✓	✓	✓	✓			
<b>Easy to use in trauma room</b> Lateral splints facilitate back/rectal exams, catheter insertion, and bedpan use	✓	✓	✓	✓	✓			
<b>Mechanical advantage (MA):</b> The effective MA of STS-G2, STS-C and CT-6 are similar. MA of CT-7 is enormous, but clinically irrelevant given the need for 5-15 pounds of force.	✓	✓	✓	✓			✓	✓
<b>One piece</b> All critical parts for traction attached	✓	✓		✓		✓		
<b>No extension beyond foot</b> Best for feet forward helicopters	✓	✓	✓					
<b>Traction from the hip</b> Relevant for transport on tight fitting helicopters, baskets, ambulances	✓	✓						
<b>Adjustable by patient</b>	✓	✓						
<b>Allows self-application</b>	✓	✓						
<b>Useful despite lower extremity trauma</b> STS-G2 ankle strap can be applied proximal to calf or proximal to patella.	✓	✓	✓					
<b>Offers rotational stability</b> by applying the Slishman Pressure Wrap included in the bag	✓	✓				✓	✓	✓
<b>Extra padded pressure points</b>	✓	✓						
<b>Multi use</b> STS-G2 & STS-C come with a Slishman Pressure Wrap for bleeding control, sprains, strains, and many other uses.	✓	✓						
<b>Instructions printed on device</b>	✓	✓						
<b>Distal strap can be attached at ankle, or proximal to calf/patella</b> STS-C attaches proximal to calf/patella, however, can still be attached at ankle for shorter legs.	✓		✓					
<b>Useful for bilateral femur fractures</b> Cost of one Sager is double cost of lateral monopoles.						✓		
<b>Numerical tension gauge</b> Patient comfort and perfusion are best gauges.						✓	✓	