

Generalized Splinting

Procedure

Douglas County KS EMS System

March 2022

Approved Provider: EMR, EMT, AEMT, Paramedic

Reference Protocols: [General Trauma](#)

Indications

- Extremity dislocation or fracture

Contraindications

- Do not delay treatment of critical patient to apply splint. Use backboard/ Scoop stretcher and rapidly transport

Precautions

- Check PMS before and after splint application to ensure status of the limb
- Splint angulated fractures in position found unless extremity is pulseless

Procedure Foam Splints (for isolated mid shaft femur FX refer to sager splint)

- Manually stabilize injury
- Check PMS
- Select appropriate sized and shaped foam splint
- Do not trim splint because they are a reusable item
- Apply while continuing to manually stabilize injury
- Secure Velcro straps from proximal to distal
- Release manual stabilization
- Reassess PMS

Procedure Sam Splints (Fig. 1)

Sam splints are optimal for hand, Wrist, Forearm, foot, ankle and lower leg injury stabilization

- Manually stabilize injury
- Check PMS
- Measure, trim and shape Sam splint as appropriate for injury
- Apply while continuing to manually stabilize injury
- Secure in place with appropriate amount of Coban, Kerlex or tape
- Release manual stabilization
- Reassess PMS

Procedure Sling and Swath (Fig. 2 & 3)

- Manually stabilize injury
- Check PMS
- Make knot in top of triangle
- Place elbow in pocket created by knot and extend cloth to cover whole forearm.
- Connect ends of triangle at the back of the patient's neck and tie together.
- Wrap affected limb and torso with another triangular bandage or kerlex and secure affected limb to torso
- Release manual stabilization
- Reassess PMS

Generalized Splinting

Procedure

Douglas County KS EMS System

March 2022

Complications

- Tissue/ nerve damage due to pulseless extremity

Documentation

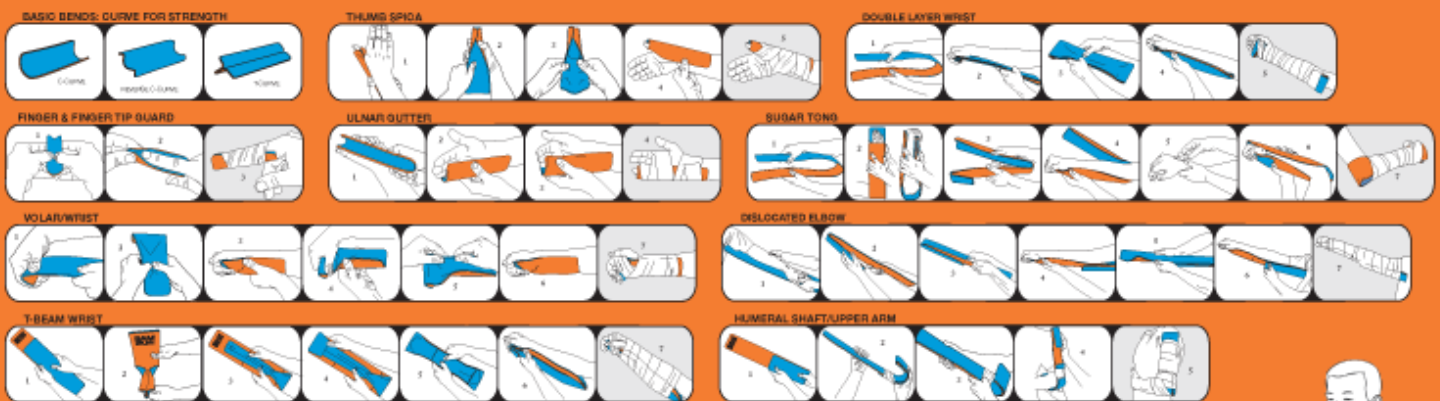
- Indications for procedure
- Description of procedure
- Response to procedure

Notes

- Always stabilize 1 joint/bone above and below injury

Fig. 1

UPPER EXTREMITY SPLINTS



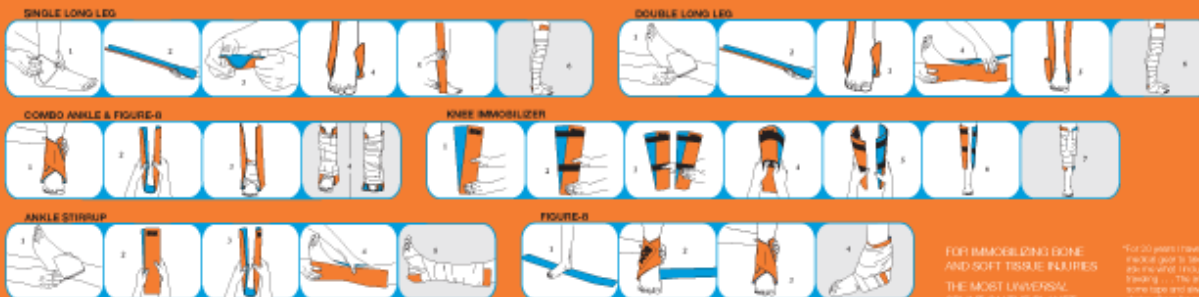
NECK

ADJUSTABLE CERVICAL COLLAR



**SAM
SPLINT[®]**
the pocket cast[™]

LOWER EXTREMITY SPLINTS



FOR IMMOBILIZING BONE
AND SOFT TISSUE INJURIES
THE MOST UNIVERSAL
SPLINT ON THE PLANET

"For 20 years I have advised medical personnel on what
medical gear to buy or replace. There has been
nothing else out there that I would recommend for
treating... The answer, of course, is the SAM Splint.
Some have said it's a SAM Splint. No other
device does it so many variations for treating an
unimaginable variety of orthopedic emergencies."

Howard J. Dornes, M.D.
Medical Operations Coordinator, NASA



• LIGHTWEIGHT
• REUSABLE
• RADIOLOGICALLY
• WATERPROOF
• COMPACT
• VERSATILE

Generalized Splinting

Procedure

Douglas County KS EMS System

March 2022

Fig. 2

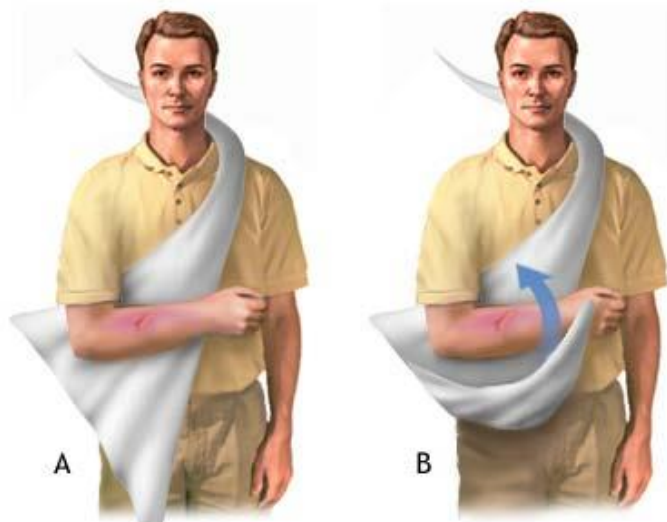


Fig. 3

