

Generalized Splinting

Effective: 03/01/2022

Supersedes:
N/A

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

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Complications

- Tissue/ nerve damage due to pulseless extremity

Documentation

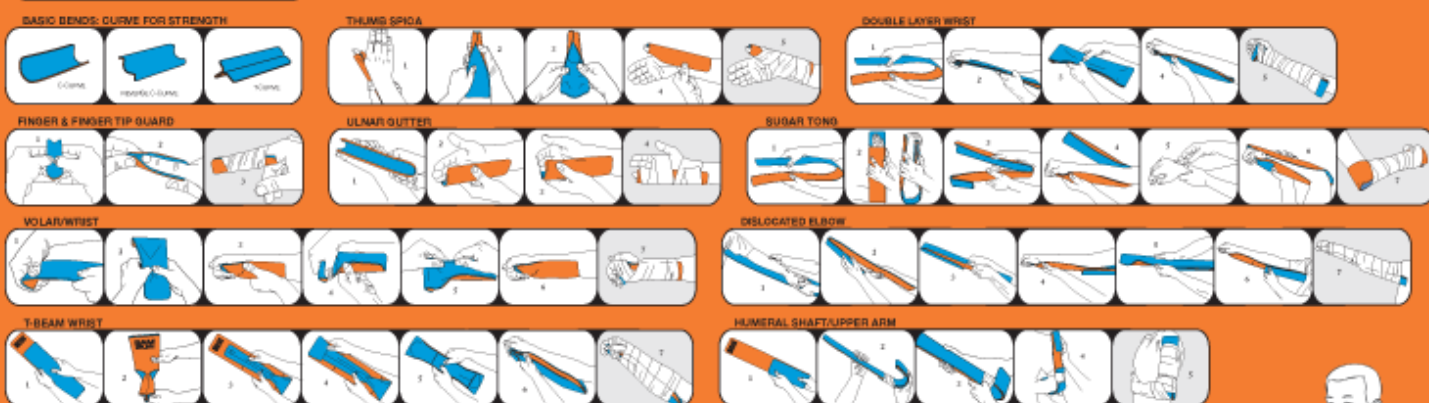
- Indications for procedure
- Description of procedure
- Response to procedure

Notes

- Always stabilize 1 joint/bone above and below injury

Fig. 1

UPPER EXTREMITY SPLINTS

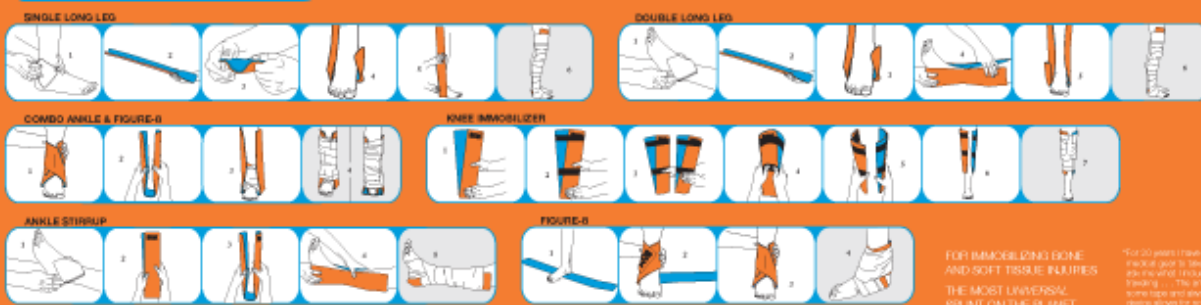


NECK



**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
product to use in cases of extremity trauma. There is no doubt
that the SAM Splint is the most reliable, most versatile,
and most durable product available. It is the only
device that can be used for all types of extremity injuries."

Howard J. Dornier, M.D.
Medical Operations Consultant, HAZA

•LIGHTWEIGHT
•REUSABLE
•WATERPROOF
•COMPACT
•VERSATILE



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Fig. 2

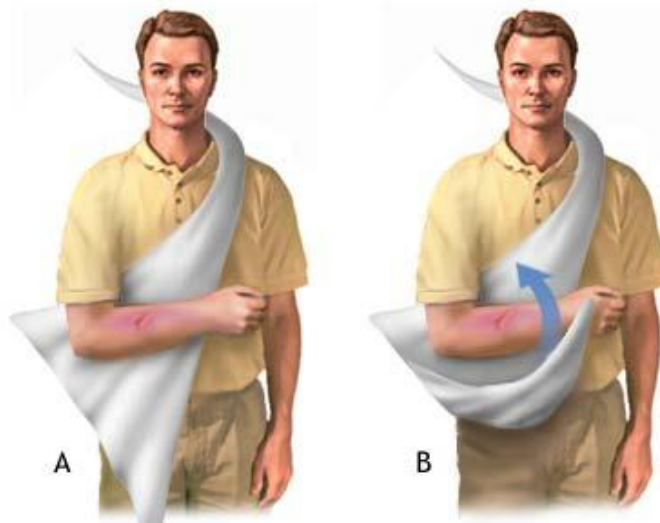


Fig. 3

