SAM SPLINT TRAINING
WHY WE SPLINT
• Splints are used to relieve pain and anxiety
• Once a splint is in place, the patients start to relax as they know their treatment has begun... something is being done for them
• Splints prevent further movement of the injured bones and surrounding tissue that could cause additional damage, swelling and pain
• Immobilize, protect, and make comfortable.
Touting unrivaled flexibility, SAM® Splint bends into any simple curve, becoming exponentially stronger and more supportive. SAM® Splint is globally acclaimed by emergency care providers, outdoor enthusiasts, the U.S. military, and even NASA.
ENGINEERED TO PRESERVE LIFE
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MOLDABLE ALUMINIUM

Flat, O-temper aluminum inside the splint’s outer layers molds easily, allowing for a wide spectrum of applications.
Medical professionals are able to take X-rays and CT-scans without removing the splint from the fractured or injured limb.
ENGINEERED TO PRESERVE LIFE

SAM SPLINT

4.25 in (10.8 cm)

SAM SPLINT XL

5.5 in (14 cm)
ENGINEERED TO PRESERVE LIFE
WHY SAM SPLINT?
SAM® Splint is lightweight, flexible, and requires only wrap or tape to provide the necessary strength to support any fractured or injured limb or stabilize a joint.
WHY SAM SPLINT

CLEANABLE EXTERIOR

Exterior closed-pore foam can be cleaned and disinfected with bleach and water for reuse.
WEATHER RESISTANT

Designed to function across the spectrum of global temperatures, from the Sahara to Mt. Everest.
STRENGTH IN CURVES
ULNAR GUTTER APPLICATION
STEP 1

Select the appropriate size of SAM Splint according to the size of the patient’s arm and wrist. Create a C-Curve™ in which the wrist and forearm can rest.
STEP 2

Using YOUR arm as the template, mold SAM Splint to the Ulnar or “Little Finger” side of your hand, wrist and forearm to achieve the desired shape.
STEP 3

Apply SAM Splint to the patient’s arm and wrist.
STEP 4

Make fine adjustments and secure SAM Splint with wrap of choice.
VOLAR WRIST APPLICATION
STEP 1

Select the appropriate size of SAM Splint according to the size of the patient’s arm and wrist.

Fold the distal end away from the Palmar surface, matching the angle of the patient’s knuckles to increase the patient’s comfort.
STEP 2

Create a C-Curve™ in which the wrist and forearm can rest.
STEP 3

Using YOUR arm as the template, mold SAM Splint into proper position.
STEP 4

Create a "NEST" for the Thenar Eminence also known as the base of the Thumb, which increases patient comfort and proper positioning.
STEP 5

If desired, further strengthen SAM Splint by folding up the Ulnar Flange or the little finger edge.
STEP 6

Apply SAM Splint to your patient and make fine adjustments as necessary.
STEP 7

Secure SAM Splint with wrap of choice.
THUMB SPICA APPLICATION
STEP 1

Using your own thumb and wrist as a template and using the last 4" of SAM Splint, create a tight tunnel for the Thumb.
STEP 2

Mold SAM Splint around the Thenar Eminence or base of the Thumb for increased comfort for the patient.
STEP 3

You may add Reverse C-Curves on the edges as needed for additional strength if desired.
STEP 4

Make fine adjustments.
STEP 5

Secure SAM Splint with wrap of choice ensuring the wrap around the thumb is Tight.
SUGAR TONG APPLICATION
STEP 1

Fold a 36-inch SAM® Splint in half, from short edge to short edge.
STEP 2

Use your patient’s arm as a template to create a sugar tong of the proper length.

Place the folded splint around your patient’s elbow, with the end of the top half resting at their knuckles. Next, fold the bottom half down, so that it’s even with the top half of the splint.
STEP 3

Form a C-Curve™ on both halves, making sure not extend the curve beyond two-thirds of the outer length.

If the curve is too long, it will become stiff and limit your ability to bend the splint around your patient’s elbow.
STEP 4

Using your own arm as a template, shape the splint to fit.
STEP 6

Pad any bony prominences around your patient’s wrist and elbow and fit the splint to their injured arm.
STEP 5

Fit the splint to the patient.
STEP 7

Lastly, wrap firmly to secure.
SUMMARY
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QUICK APPLICATION
CLEANABLE / REUSABLE
RADIOLUCENT
WEATHER RESISTANT
LIGHTWEIGHT DESIGN