

DEFENSE MEDICAL STANDARDIZATION BOARD ITEM REVIEW REPORT

From: Defense Medical Standardization Board
 To: Medical Directorate, Defense Personnel Support Center (DPSC-M)
 Commander, U.S. Army Medical Materiel Agency (SGMMA-OC)
 Commanding Officer, Naval Medical Logistics Command (Code 06)
 OTSG, Department of the Air Force (AFMSA/SGSLS)

NSN	U/I	NOTES	AAC	DPSC-AT DATE:	AVAILABILITY
6530-01-265-3583	EA				S

ITEM IDENTIFICATION:

SPLINT ASSEMBLY, SPINE:

SUPPORTING DATA:

Ref: (a) HSMC-FCO-S ltr dtd 14 Apr 1992
 (b) DMSB:182 ltr dtd 26 Jun 1992, w/Air Force and Navy concurrence

By reference (a), the Army recommended NSN 6515-01-196-8387 be placed in Terminal Status with deletion upon depletion of stocks and replacement with subject item. By reference (b), the DMSB recommended Essential Characteristics for subject item be revised in their entirety. The Military Services concurred.


ACTION:

The following Essential Characteristics have been revised in their entirety:

- (1) Shall be a vest type or half-board spinal immobilization/extrication device, Oregon Spine Splint II style, for safely removing a sitting patient from injury sites by securely preventing the patient from moving up in the device, without restricting breathing. Shall consist of the following items:
 - (a) One (1) main body of the splint.
 - (b) One (1) forehead restraint.
 - (c) One (1) shoulder board.
 - (d) One (1) collar strap.
 - (e) Four (4) non-disposable vinyl head pads.
 - (f) Ten (10) disposable pads for the forehead restraint strap.
 - (g) One (1) carrying case.

- (2) The immobilization/extrication device shall meet the requirements outlined by the American College of Surgeons, the National Registry of Emergency Technicians, the American College of Emergency Physicians in the Advanced Trauma Life Support Guidelines, the Basic Life Support Guidelines, the ACEP Guidelines, and the Pre-Hospital Trauma Life Support Guidelines. They shall also meet the policy guidelines for the Emergency Department of Nurses Association.

(CONTINUED ON FOLLOWING SHEET)

Control Number:	APPROVED FOR DMSB:	DATE:
Date:	 BELVA J. HOFFMAN, RN DMSB Staff Monitor By Direction	IRR SER:
DMSB Code: 182		NSN: 6530-01-265-3583

CONTINUATION SHEET FOR NSN 6530-01-265-3583
ACTION - Essential Characteristics

- (3) The body of the splint shall have the following:
- (a) Two (2) over the shoulder straps and two (2) under the arm straps which criss-cross the upper chest when buckled, to securely hold the patient and prevent movement in the device. The shoulder straps shall have buckles that adjust on both ends.
 - (b) Shall have two (2) sets of abdominal straps. Shall provide for anterior placement of monitoring equipment for diagnostic procedures without compromising immobilization.
 - (c) Shall have two (2) groin straps for adequate immobilization of device without compression of leg vascular system.
 - (d) The straps shall be fabricated of rugged, durable, automotive quality webbing. Shall not twist or bind in the buckles.
 - (e) Straps shall be color coded to prevent incorrect application of the splint.
 - (f) Shall have large slats in the back portion of the splint, approximately 2.5 cm thick and 7.5 to 10 cm wide, which shall immobilize and secure the spine. Slats shall not bend when splint is in use.
- (4) The forehead restraint shall be approximately 61 cm by 5 cm (24 inches by 2 inches) in size. Shall have a non-slip disposable pad attached with hook-and-pile closure for a positive grip on the forehead. Shall have hook-and-pile closure to attach onto either side of the head protection portion of the splint body.
- (5) Shall have a collar strap, approximately 71 cm by 5 cm (28 inches by 2 inches), which shall attach to the head portion of the splint body by hook-and-pile closure.
- (6) Shall have a shoulder board, approximately 53 cm by 15 cm (21 inches by 6 inches), which shall attach to the back of the splint body by means of hook-and-pile closure.
- (7) Shall have four (4) non-disposable neck pads for additional padding. Each pad shall be approximately 15 cm by 14 cm by 2 cm (6 inches by 5-1/2 inches by 3/4 inch). Two (2) of the pads shall be jointed.
- (8) Shall have a carrying case which shall be large enough to contain the splint. Shall have a side zippered pouch to contain the head pads, the disposable pads, and the shoulder board.
- (9) Color shall be the green military version.
- (10) Shall include an illustrated instruction booklet for education in the use of the system.
- (11) Replacement parts or compatible items have the following NSN's:
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| Spine Splint Body | 6530-01-265-3381 |
| Collar Strap (formerly called Chin Restraint) | 6530-01-265-3383 |
| Forehead Restraint | 6530-01-265-3382 |
| Shoulder Board | 6530-01-265-3384 |
| Non-disposable Vinyl Head Pads (formerly Neck Pads) | 6530-01-265-3385 |
| Carrying Case | 6530-01-260-6703 |
| Complete Rescue System | 6530-01-301-0796 |
- (12) Unit of issue shall be each.