

Timbrook Public Safety Center
231 East Piccadilly Street, Ste. 330
Winchester, VA 22601

Telephone: (540) 662-2298
FAX: (540) 542-1318
Website: www.winchesterva.gov

TRAINING BULLETIN TB-16001

TO: All Fire Department Personnel
FROM: Matthew Dehaven, Battalion Chief
RE: HYFIN Vent & CAT Tourniquet
Date: August 18, 2016

The department recently purchased the new HyFIN Vented chest seals and the Gen 7 Cat Tourniquets. In an effort to keep everyone updated on the items we included a few photos and descriptions.

HYFIN Vent Twin Pack Chest Seal



The new HyFin Vent Chest Seal is packaged in a rugged, easy-to-open foil pouch; the perforated packaging allows rescuers to open only one dressing at a time as needed.



The seals are designed to provide 3-vented channels that prevent airflow into the chest cavity during inspiration while allowing air to escape through the vent channels during exhalation. The 3-vent channels allow blood to escape and also provide a backup fail-safe system, even if two of the three channels become obstructed, the vent will remain fully operational.



The adhesive is designed to stick in the most adverse conditions, including sweaty or hairy casualties. Each chest seal also includes a gauze pad to wipe the wound surface prior to application. Each HyFin Vent Chest Seal has a large, Red-Tip™ pull tab for single-step peel-and-apply application and allows for the burping of the wound if necessary.

“To develop and deploy a coordinated service delivery system through which the community is provided public safety services in a professional and cost effective manner.”

CAT Tourniquet Gen 7



The C-A-T Tourniquet is the official tourniquet of the U.S. Military and used by both conventional and Special Operation forces. The C-A-T is a true one-handed tourniquet proven to be 100% effective by the U.S. Army's Institute of Surgical Research. Tests proved that the C-A-T completely occluded blood flow of an extremity in the event of a traumatic wound with significant hemorrhage.

The C-A-T's unique dual securing system avoids the use of screws and clips, which can become difficult to operate under survival stress or where fine motor skills are compromised. The CAT

Gen 7 Enhancements:

- Single routing buckle for faster application, effective slack removal, decreased blood loss, and fewer windlass turns
- Stronger windlass rod with an increased diameter and improved grip
- Reinforced windlass clip and highly visible security tab includes a writable area to record the time of application
- Stabilization plate to minimize pinching
- Red Tip Technology™ with a red elliptical tip to assist user in locating and threading during application
- Free-moving internal band provides true evenly distributed circumferential pressure

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