

Made by EMS for EMS

Product Guide

XDcuff®

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Life-Assist

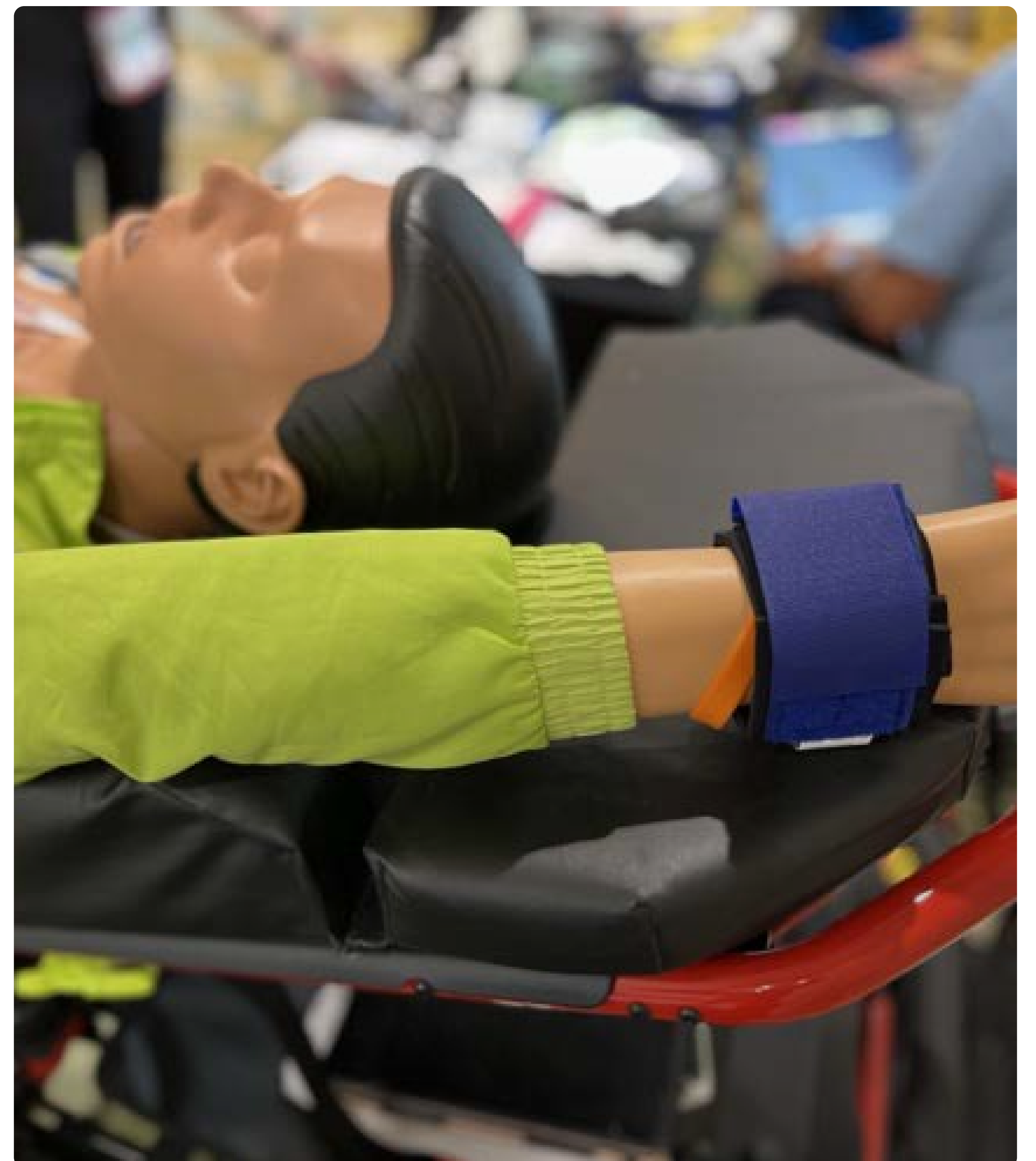
Helping Heroes Save Lives 

Overview

XDcuff® was born out of the firsthand experiences of a paramedic who witnessed the challenges faced by first responders when dealing with uncooperative patients. Every second counts in an emergency, and the traditional process of locating restraints, attaching them to limbs, and tying special knots often wastes valuable time. This not only hinders the ability to address life-threatening situations promptly but also poses risks of accidental assault to both patients and providers. After extensive research, field implementation, and feedback from our many users, **XDcuff®** emerged as a solution that significantly decreases exposure and streamlines the restraining process. We invite you to explore these innovations and thank you for taking the time to research our products.

Fits Ferno and Stryker Cots:

XDcuff® Clip Anchors are designed to seamlessly integrate with both stretchers, ensuring compatibility across a range of emergency medical equipment. **XDcuff®** offers a versatile range of options, ensuring that first responders have the flexibility to choose the configuration that best suits their requirements. When choosing the right system, choose between four options, secure-in or clip-in, disposable or reusable, hybrid or standard and metal or plastic. Applications include, Fire-EMS, air ambulance and hospitals.



Arm Up Position on Ferno® cot.

Secure-in or Clip-in Option:

- Clip-in type: Only the anchor is attached to the stretcher and cuffs are stored separately.
- Secure-in type: Both anchor and cuff are secured on the stretcher at all times.

Material Option:

- Choose between stainless steel or plastic hardware based on your preference and specific needs.

Disposable or Reusable Option:

- XDcuff® provides the choice between a disposable open-cell foam and reusable neoprene rubber option.

Hybrid Anchor for Enhanced Versatility Option:

- Explore our new hybrid anchor, designed to attach seamlessly to backboards and stair chairs without knots, providing enhanced versatility in various situations.



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Parts



1. Stretcher/clip anchor.
2. Self-stabilizing hook and loop fastener for retention of anchor when not in use.
3. Quick release buckle, 450LB rated.
4. Optional secondary buckle for attachment to multiple patient surfaces (hybrid version).
5. Securement strap, first part holds firmly on stretcher frame (secure-in type).
6. Securement strap, second part (red tab), holds cuff and tether only (secure-in type).
7. Rolled limb cuff and tether, held in place by securement strap.
8. XDCuff® deployed to left wrist position, fed through XPS and attached to anchor with slack removed.

Deployment Made Simple (Secure-in option):

With installation complete, the process is straightforward:

- Pull the red release tab on the securement strap (6).
- Deploy the rolled cuff and tether (7).
- Attach the wrist cuff (8).

- Feed the male buckle through the expandable patient surface (8) and clip into the pre-connected stretcher anchor (1).
- Remove slack to ensure a secure and reliable restraint.



XDcuff® Clip-In Plastic

REF114

Four clip anchors, designed to be pre-connected to stretcher. Provides robust restraint with Biothane® antimicrobial coating webbing for easy cleaning and enhanced hygiene. High visibility yellow and black options available. Made with high strength acetal plastics for durability and use in all weather conditions.



REF112

Reusable neoprene wrist cuff without anchor, sold as pair. Use with REF114 clip anchors (blue-sky, wrist).



REF113

Reusable neoprene ankle cuff without anchor, sold as pair. Use with REF114 clip anchors (green-grass, ankle). These ankle cuffs are designed for larger ankle circumferences, providing a secure and comfortable restraint solution.



REF106

Disposable, open-cell foam cuff with d-rings. Universal sized, without anchor and sold as pair. Use with REF114 clip anchors.



REF106+

Utilizes hook and loop closures, no d-rings. Universal sized, without anchor and sold as pair. Use with REF114 clip anchors.



REF126

XD Storage strap with removable PAX® bag. Designed to store four cuffs, use with clip-in type restraints only. See REF127 XD strap and PAX® back-rest storage system for staging of other medical supplies (Page 21).



REF115

Clip-in reusable starter pack. All starter packs contain everything needed to outfit one stretcher. REF114, 112 and 113.



REF117

Clip-in disposable starter pack. REF114 and 106.



REF126

Pax® bag and XD storage strap.



REF114

High-visibility anchors for easy identification in low light environments.

XDcuff® Clip-In Plastic Hybrid

Hybrid cuffs contain an additional female buckle in case of separation from stretcher, or where pre-staged anchors are not available. Designed for easier transfer to backboards, stair chairs and other patient surfaces.



REF112H

Reusable neoprene wrist cuff with hybrid anchor. Works with REF114 clip anchors and other patient surfaces.



REF113H

Reusable neoprene ankle cuff with hybrid anchor. Works with REF114 clip anchors and other patient surfaces.



REF106H

Disposable, open-cell foam cuff, universal sized with hybrid anchor. Works with REF114 clip anchors and other patient surfaces.



REF115H

Clip-in starter pack hybrid, reusable. Contains REF114, 112H and 113H.



REF117H

Clip-in starter pack hybrid, disposable. Contains REF114 and 106H.





REF113H

Hybrid ankle restraints compatible with backboard or stretcher. Does not require knots when moved from cot.

XDcuff® Clip-In Metal Hybrid

Developed for easy transfer to multiple patient surfaces. Secondary anchoring system works for firefighters and EMS agencies who prefer restraint to backboard. Hybrid models also work as wrist-to-wrist holders for unresponsive patients when extrication from tight quarters is necessary.



REF114C

Metal Clip Anchors. High visibility tabs for easy ID in low light environments. Has hook-and-loop cot stabilizer tabs. Designed for use on stretchers.



REF112C

Reusable neoprene wrist cuff with hybrid anchor. Stainless steel adjuster, d-ring (connects to clip anchors REF114C) and snap hook hybrid anchor for attachment to other patient surfaces. Works with clip-in and secure-in versions.



REF113C

Reusable neoprene ankle cuff with hybrid anchor, stainless steel adjuster, d-ring and snap hook hybrid anchor for attachment to other patient surfaces. Works with clip-in and secure-in versions.



REF106HC

Disposable universal sized cuff with hybrid anchor. Works with metal clip anchors and other patient surfaces. Weight rating on disposable cuff is 450LB.



REF115C

Clip-in reusable metal starter pack. Products included, REF114C, 112C and 113C.



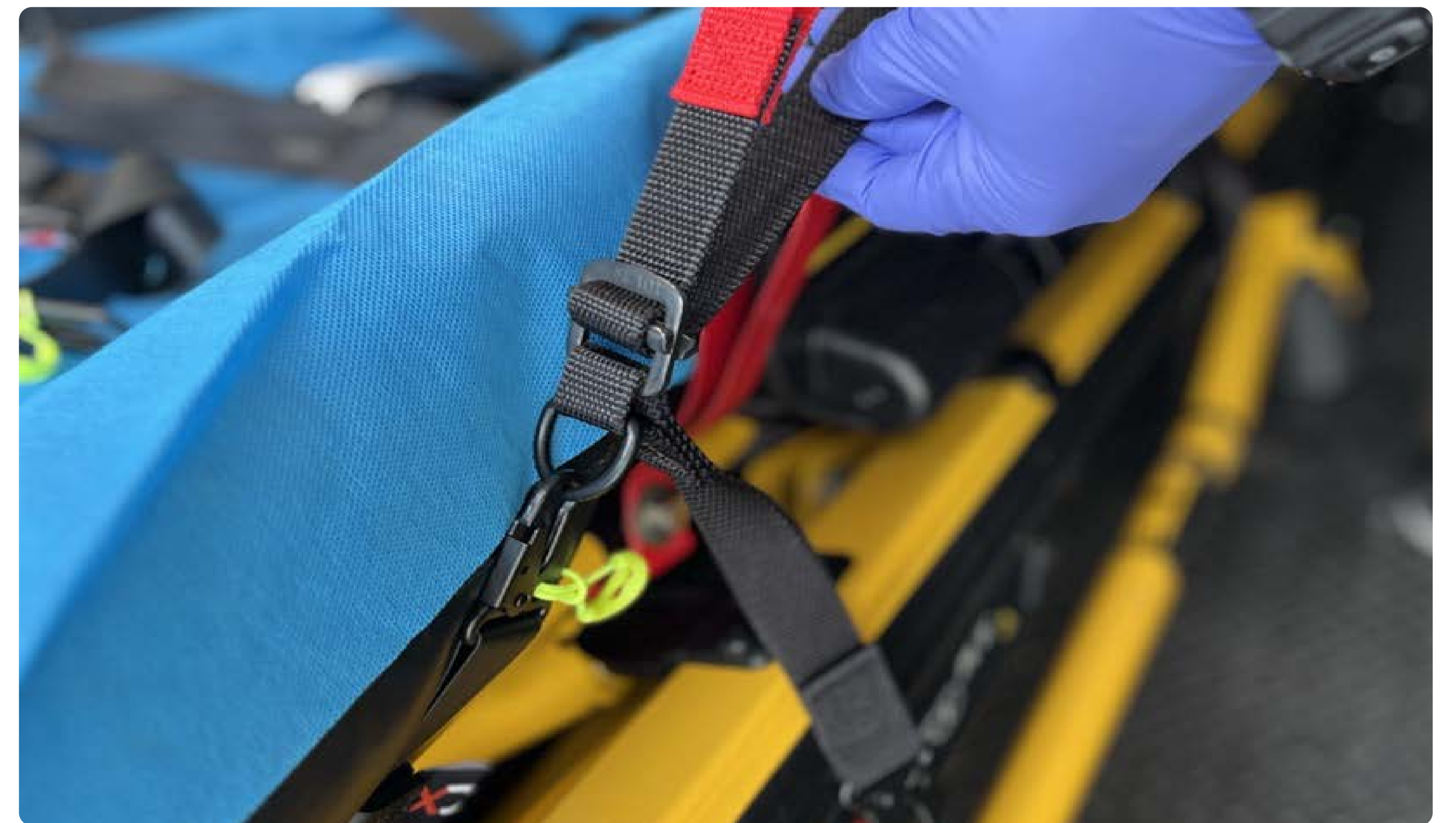
REF116C

Clip-in disposable metal, starter pack. REF104, 114C and 106HC.



REF126

XD storage strap + PAX® bag installed and ready for deployment.



End of wrist cuff with d-ring attached to stretcher anchor.

XDcuff® Secure-In Plastic

REF104

Cuff securement straps, 4 pack, designed to hold cuffs and tether underneath the stretcher. Securement strap does not bear heavy weight or attach to patient.



REF102

Reusable neoprene wrist cuff with anchor, sold as pair, use with securement straps.



REF103

Reusable neoprene ankle cuff with anchor, sold as pair, use with securement straps.



REF101

Disposable universal sized cuff with anchor, sold as pair, use with securement straps.



REF105

Secure-in reusable starter pack. Contains everything needed to outfit one stretcher. REF104, 102 and 103.



REF107

Secure-in disposable starter pack. Contains everything needed to outfit one stretcher. REF104, 114 and 101.



REF108

Secure-in disposable starter pack with large buckle and Biothane® coated anchors. REF114, 104 and 106.



Secure-in ankle positions.
Crisscross when attaching to
ankles for improved
immobilization.

XDcuff® Secure-In Plastic Hybrid

REF102HP

Reusable wrist cuff with coated anchor.



REF103HP

Reusable ankle cuff with coated anchor.



REF106H

Disposable, open-cell foam cuff, universal sized with hybrid anchor. Works with plastic REF114 clip anchors and other patient surfaces.



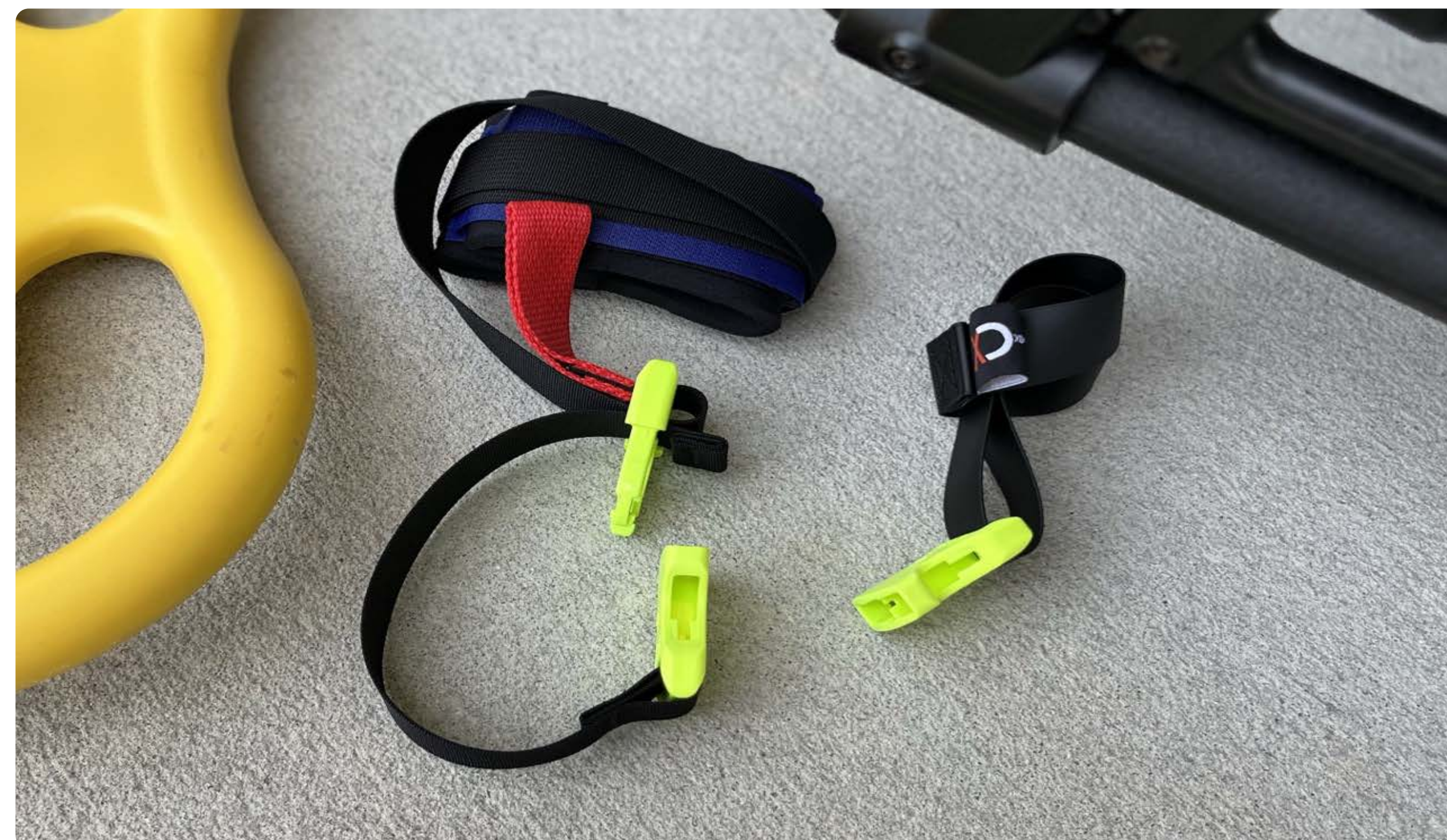
REF105HP

Reusable secure-in starter pack, hybrid. Contains REF102HP, 103HP and 104.



REF105H

Disposable secure-in starter pack. Contains REF106H, 114 and 104.



REF102HP

Hybrid wrist cuff next to clip anchor.

XDcuff® Secure-In Metal Hybrid

REF112C

Reusable neoprene wrist cuff with hybrid anchor, stainless steel adjuster, d-ring (connects to metal clip anchors) or snap hook hybrid anchor for attachment to other patient surfaces. Works with Clip-in and Secure-in versions.



REF113C

Reusable neoprene ankle cuff with hybrid anchor, stainless steel adjuster, d-ring (connects to metal clip anchors) or snap hook hybrid anchor for attachment to other patient surfaces. Works with Clip-in and Secure-in versions.



REF106H

Disposable, open-cell foam cuff, universal sized with hybrid anchor. Works with metal REF114C clip anchors.



REF115M

Secure-in disposable starter pack contains everything needed to outfit one stretcher. REF104, 114C and 106HS.



REF105HS

Secure-in reusable starter pack, metal. Contains everything needed to outfit one stretcher, REF104, 114C, 112C and 113C.



Ankles and left wrist position installed.

XDcuff® Anchors /4 Pack

REF114

Clip anchors, 4 pack 450LB rated buckles with Biothane® antimicrobial coating webbing for easy cleaning. Black and high-visibility yellow plastic available. Cuffs are stored separately in XDcuff backrest storage pouch or where cuffs are typically stowed. Anchors fit both Ferno® and Stryker® cots. Has hook-and-loop stabilizer tabs.



REF114C

Metal clip anchors. High visibility tabs for easy ID in low light environments. Has hook-and-loop stabilizer tabs.



REF114CXL

Metal clip anchors. High visibility tabs for easy ID in low light environments. Has hook-and-loop stabilizer tabs. Extra Large loop for connection to frame rail on Stryker® cot.



REF115B

Clip Anchors Economy, use with Secure-in. Economy anchors do not have self stabilizing fastener and can come loose from stretcher if not attached to tether.



REF114N

Clip Anchors Economy, use with Secure-in. Does not have hook-and-loop anchor fastener.



REF116

Hospital Clips 4 pack. XD Hospital Clips are compatible with XDcuff soft restraints and makes for easy transfer from EMS or use in ER or ICU. Unique wing design keeps anchor securely on bed when not in use. Custom built for Stryker® BigWheel and Hillrom® stretchers.





REF114CXL

Metal clip anchors. Larger loop for mounting to main frame.

XDcuff® Hospital Clip Anchors

REF116

Hospital clips 4 pack. XD Hospital Clips are compatible with XDcuff soft restraints and makes for easy transfer from EMS or use in ER or ICU. Unique wing design keeps anchor securely on bed when not in use. Custom built for Stryker® Big Wheel and Hillrom® stretchers.



REF118

Hospital starter pack. Contains REF116,112 and 113.



Right wrist and ankle location.



Left wrist and ankle location.

XDcuff® Strap, Re-Direction Loop

Although not required, the re-direction loop offers an increased level of security by guaranteeing the strap is in the perfect position if arm up position is preferred.



REF104L

Arm up re-direction loop.



XDcuff® Radio Strap

REF120

Adjustable main strap, one size fits most. Comes in black, reflective and brown. Includes regular sized, adjustable holster. Radio strap includes custom embroidery, holster and sway strap.



REF121

Regular adjustable brown holster only.



REF122

Large extended battery holster.



XDcuff® Belt Radio Holster

Classic belt holster with adjustable dimensions.

Hook-and-loop fastener and straps closed.



REF123

Classic belt holder with hook-and-loop closures.



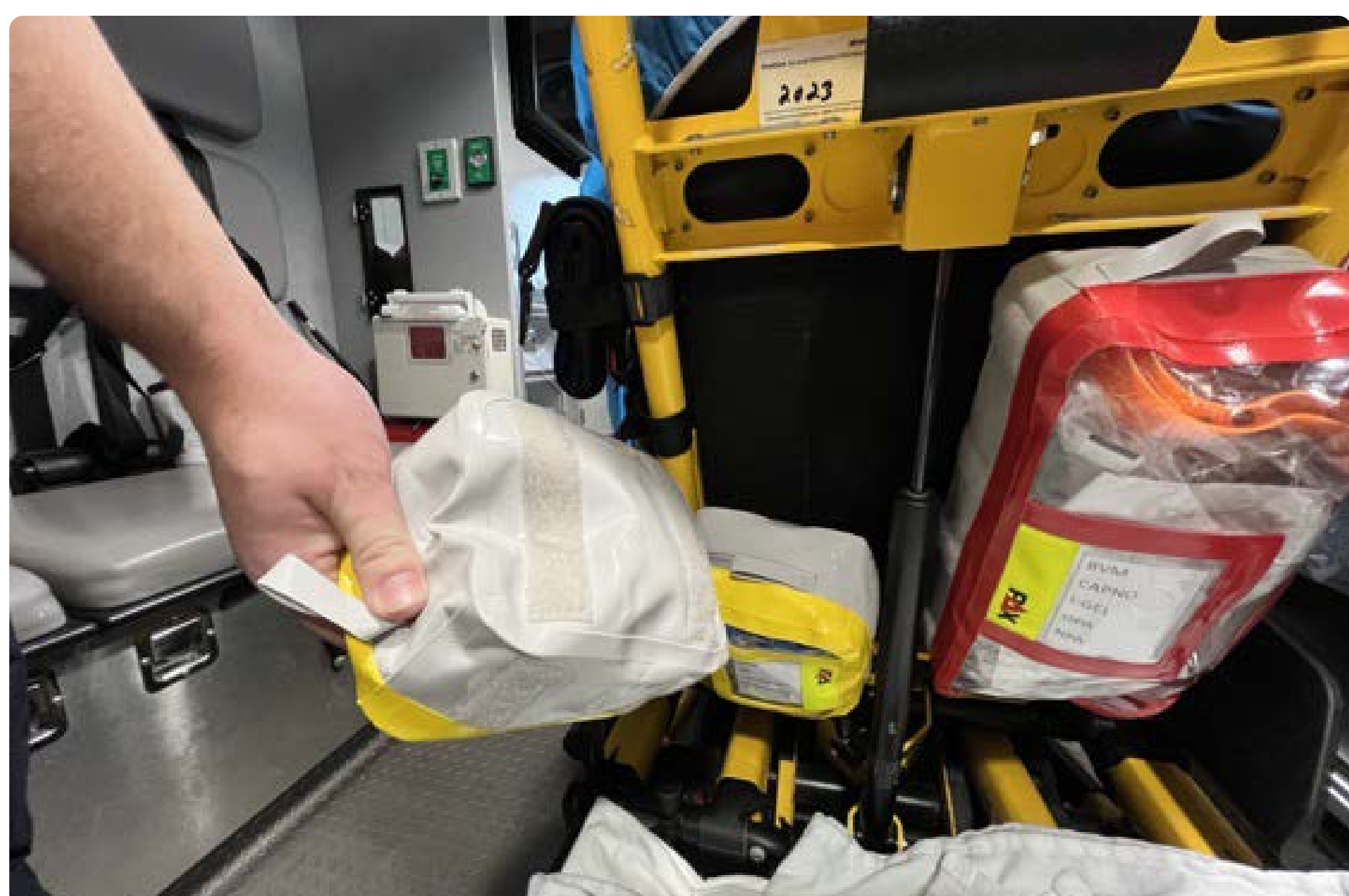
XDcuff® Strap and Pax® Combo 3 Pouches

REF127

XD base and PAX® combo offers customers an affordable backrest storage option with removable bags. Simple to install base with hook fasteners that accept any configuration. Pouches have inserts for custom content labels (image below).



Easy to Install



Removable



Store multiple packs