

# Sharps Safety Matters

## Where to find safety products?

by Ron Stoker

The Needlestick Safety and Prevention Act, signed into law in 2000, directed OSHA to update the Bloodborne Pathogen Standard. The modified standard mandated that every employer having employees with the potential of exposure to bloodborne pathogens must have a written Exposure Control Plan to prevent such exposures.

The Exposure Control Plan *must* reflect changes in safety technologies and *must* document the evaluation of new safety products.

One of the most difficult tasks facing infection control managers is the task of locating relevant sharps safety products. Because of this difficulty many healthcare facilities are not in compliance with the requirement of reviewing safety technologies because of the perceived difficulty of gathering product information.

This month we will examine the second half of the safety product list as categories I through W are presented. This list contains a product category, and in some cases a category description, followed by a list of safety products including company name and a Web site where more information can be obtained.

### Injection Therapy

- ▶ BakSnap™ Retractable Safety Syringe; DuoProSS Meditech Corp., [www.duopross.com](http://www.duopross.com).
- ▶ BD AutoShield™ Pen Needle, BD Eclipse™ Needle, BD Integra™ Syringe with Retracting PrecisionGlide™ Needle, BD SafetyGlide™ Shielding Hypodermic Needle, BD Safety-Lok™ Syringe; BD, [www.bd.com](http://www.bd.com).
- ▶ Careo Retractable Safety Syringe; Life-Shield Products Inc., [www.lifeshield-careo.com](http://www.lifeshield-careo.com).
- ▶ Inviro Snap! Safety Syringe; Inviro Medical, [www.inviromedical.com](http://www.inviromedical.com).
- ▶ Monoject™ (Magellan) Safety Needle; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ Needle-Pro; Smiths Medical, [www.smiths-medical.com](http://www.smiths-medical.com).
- ▶ SafePro Plus Safety Syringe; SafePro USA Inc., [www.safeprousa.net](http://www.safeprousa.net).
- ▶ Safety 1st Safety Syringe; Safety 1st Medical Inc., [www.safety1stmedical.com](http://www.safety1stmedical.com).

- ▶ Safety-Needle; Sarstedt, [www.sarstedt.com](http://www.sarstedt.com).
- ▶ SurGuard2™ Safety Syringe, SurGuard™ Safety Syringe; Terumo, [www.terumomedical.com](http://www.terumomedical.com).
- ▶ Turtle™ SafeShot Safety Syringe; Medical Safety Technologies, [www.medicalsafetytechnologies.com](http://www.medicalsafetytechnologies.com).
- ▶ Vanish Point Syringe; Retractable Technologies Inc., [www.vanishpoint.com](http://www.vanishpoint.com).

### Insulin Injection

- ▶ BD Integra™ Syringe, BD SafetyGlide™ Syringe for Insulin, TB and Allergy, BD Safety-Lok™ Syringe, BD PrecisionGlide™ Needle; BD, [www.bd.com](http://www.bd.com).
- ▶ MONOJECT™ Insulin Safety Syringe, Magellan Insulin Safety Syringes; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ InviroSNAP! Safety Insulin Syringes; Inviro Medical, [www.inviromedical.com](http://www.inviromedical.com).
- ▶ VanishPoint U-100 Insulin Syringe; RTI, [www.vanishpoint.com](http://www.vanishpoint.com).
- ▶ Needle-Pro Fixed Needle Insulin Syringe; Smiths Medical, [www.smiths-medical.com](http://www.smiths-medical.com).
- ▶ SurGuard™ Safety Insulin Syringe; Terumo, [www.terumotmp.com](http://www.terumotmp.com).

### Introducer Needles

These long needles are used to obtain access to the vasculature for cardiology or radiology procedures. Following the needle insertion into the patient's vasculature, a guidewire is inserted through the needle. The needle is removed from off the guidewire. Safety products with needles that retract or are shielded are now available.

- ▶ Axia RSN; Enpath Medical, [www.enpath.com](http://www.enpath.com).
- ▶ SecureLoc Safety Angiographic Introducer Needle; Covidien, [www.Covidien.com](http://www.Covidien.com).
- ▶ SecureLoc Safety Angiographic Needle; Merit Medical, [www.merit.com](http://www.merit.com).
- ▶ SPpro™ GWI Sharps Safety Guidewire Introducer; DeRoyal, [www.deroyal.com](http://www.deroyal.com).

### IV Access

- ▶ Monoject Angel Wing Blood Collection Set with BlunTip, Monject Angel Wayne Luer Lock Collection Set; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).

### IV Catheter

- ▶ ACUVANCEPLUS(r) Safety I.V. Catheter, ACUVANCE JELCO Safety I.V. Catheter, PROTECTIV Safety I.V. Catheter, PROTECTIV PLUS Safety I.V. Catheter; Smiths Medical, [www.smithsmedial.com](http://www.smithsmedial.com).
- ▶ BD Angiocath™ Autoguard™ Shielded IV Catheter Family, BD Insyte™ Autoguard™ Shielded IV Catheter Family, BD Introsyte™ Autoguard™ Shielded Introducer Family, BD Nexiva™ Closed IV Catheter System, BD Saf-T-Intima™ Closed IV Catheter System Family; BD, [www.bd.com](http://www.bd.com).

- ▶ Introcan Safety IV Catheter; B Braun, [www.bbraun.com](http://www.bbraun.com).
- ▶ SecureIV; Span America, [www.spanamerica.com](http://www.spanamerica.com).

## Knee Tap Syringe

- ▶ InviroSnap! Safety Syringe; Inviro Medical, [www.inviromedical.com](http://www.inviromedical.com).

## Lancet

- ▶ BD Microtainer Contact-Activated Lancet; BD, [www.bd.com](http://www.bd.com).
- ▶ Haemolance Plus Lockout Safety; Hypoguard, [www.hypoguard.com](http://www.hypoguard.com).
- ▶ Medlance Plus safety lancets; HTL-STREFA Inc. (High Tech Lab), [www.htl-strefa.com](http://www.htl-strefa.com).
- ▶ MONOJECT™ MONOLETTOR™ Safety Lancets; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ Safety Lancet; Sarstedt, [www.sarstedt.com](http://www.sarstedt.com).
- ▶ Safe-T-Lance Plus Safety Lancets; Smiths Medical, [www.smiths-medical.com](http://www.smiths-medical.com).
- ▶ SurgiLance Safety Lancets; Medipurpose, [www.medipurpose.com](http://www.medipurpose.com).
- ▶ Unistik 3; Owen Mumford, [www.owenmumford.com](http://www.owenmumford.com).
- ▶ Unistik3 Pre-Set Single-Use Safety Lancets; SAFE-TEC Clinical Products Inc., [www.safe-tecinc.com](http://www.safe-tecinc.com).

## Lumbar Puncture Kits

- ▶ Curity™ Lumbar Puncture Trays, Sensitouch™ Lumbar Puncture Trays; Covidien, [www.Covidien.com](http://www.Covidien.com).
- ▶ Safe-T-LP™; Cardinal Health, [www.cardinal.com](http://www.cardinal.com).

## Magnetic Instrument Transfer

- ▶ Devon Hands-free transfer products; Covidien, [www.tycohealth-ece.com](http://www.tycohealth-ece.com).
- ▶ Magnetic Instrument Pad; DeRoyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ Medical Instrument Drape; Medical Action Industries Inc., [www.medical-action.com](http://www.medical-action.com).
- ▶ Disposable Magnetic Drapes, Mag Mat—Reusable Safety Instrument Transfer Drapes; Purple Surgical, [www.purplesurgical.com](http://www.purplesurgical.com).
- ▶ SAF-T Pass™ Transfer Zones; Xodus Medical, [www.xodusmedical.com](http://www.xodusmedical.com).

## Magnetic Sharps Retriever

- ▶ Allen Needle Triever™; Allen Medical, [www.allenmedical.com](http://www.allenmedical.com).
- ▶ DEVON™ Magnetic Needle; Covidien, [www.kendall-ltp.com](http://www.kendall-ltp.com).
- ▶ Goldern Retriever; Purple Surgical, [www.purplesurgical.com](http://www.purplesurgical.com).

## Medical Fluid Waste Disposal

- ▶ Aspen Basin; Argon Medical Devices, [www.argonmedical.com](http://www.argonmedical.com).
- ▶ BackStop, BackStop + , MiniStop; Merit Medical, [www.merit.com](http://www.merit.com).
- ▶ SplashStop™ (fluid waste) collection container; Deroyal, [www.deroyal.com](http://www.deroyal.com).

## Medication Reconstitution

- ▶ Ampoule Adapters, Mix2Vial™, MixJect™, Needleless Transfer Device; West Pharmaceutical Services, [www.westpharma.com](http://www.westpharma.com).
- ▶ Double Ended Medication Transfer Spike II; Medi-Dose Inc., [www.medidose.com](http://www.medidose.com).

## Microfiltration

- ▶ Hemo-Nate blood filtration set; Utah Medical, [www.utahmed.com](http://www.utahmed.com).

## Minimally Invasive Laparoscopic Suturing Device

- ▶ SutureTek Endo360° minimally invasive suturing devices Suturetek; [www.suturetek.com](http://www.suturetek.com).

## Myelogram Safety Trays

- ▶ Safe-T-Myelo™; Cardinal Health, [www.Cardinal.com](http://www.Cardinal.com).

## Needle Counter

- ▶ ACCUCount Needle Counter; Atrion Medical, [www.atrionmedical.com](http://www.atrionmedical.com).
- ▶ DEVON\* Needle Counters; Covidien, [www.tycohealth-ece.com](http://www.tycohealth-ece.com).
- ▶ Purple Turtle, Sharps Count; Purple Surgical, [www.purplesurgical.com](http://www.purplesurgical.com).
- ▶ Needle Counter; Xodus Medical, [www.xodusmedical.com](http://www.xodusmedical.com).

## Needle Disintegration Products

- ▶ Diabetic Needle Disposal; Safe Medical, [www.safemedical.com](http://www.safemedical.com).
- ▶ Disintegrator PRO, Disintegrator Plus; Pacific Medical Technologies Inc., [www.pametec.com](http://www.pametec.com).
- ▶ NeedleZap; E med Future, [www.needlezap.com](http://www.needlezap.com).
- ▶ Needlezap; Health Care Logistics Inc., [www.healthcarelogistics.com](http://www.healthcarelogistics.com).
- ▶ Point Blank; Morgan Everett Ltd, [www.morganeverett.co.uk](http://www.morganeverett.co.uk).

## Needle-free IV Systems

- ▶ BD Q-Syte™ Luer Access Split-Septum, BD Posiflow™ Positive Pressure Valve, BD Interlink Needleless IV Access Devices; BD, [www.bd.com](http://www.bd.com).
- ▶ Clave Connector, CLC 2000 Catheter Connector, Mini-Clave Connector; ICU Medical, [www.icumed.com](http://www.icumed.com).
- ▶ FLOLINK Valve -Simplicity in Positive Displacement IV Valves, Interlink IV Access System, Clearlink IV Access System; Baxter, [www.baxter.com](http://www.baxter.com).
- ▶ FloStar Needleless Connector; Intravascular Inc., [www.intravascularinc.com](http://www.intravascularinc.com).
- ▶ InVision-Plus Neutral Displacement I.V. Connector; Rymed, [www.rymedtech.com](http://www.rymedtech.com).
- ▶ LifeShield CLAVE; Hospira, [www.hospira.com](http://www.hospira.com).
- ▶ Max Y Connector, MaxPlus Needleless Connector; Medegen, [www.medegen.com](http://www.medegen.com).

- ▶ Needleless Swabable Valves; Halkey-Roberts, [www.halkey-roberts.com](http://www.halkey-roberts.com).
- ▶ Smartsite Needle-free Valve, Smartsite Plus Needle Free Valve; Cardinal Health, Alaris Medical Systems, [www.cardinalhealth.com](http://www.cardinalhealth.com).
- ▶ Ultrasite Needle-free IV System; B Braun, [www.bbraun.com](http://www.bbraun.com).

## Needle-free IV Bag Spike

Many IV sets have a spike on one end and an injection site on the other. The injection site is used to transfer medications directly into the IV bag. The use of a needle creates an unnecessary sharps exposure for healthcare workers and also provides an unnecessary risk to toxic medications. Needle-free systems are available that eliminate these risks.

- ▶ Smartsite Needle-Free Valve, Bag Spike with Check Valve and SmartSite; Baxa, [www.baxa.com](http://www.baxa.com).
- ▶ Vial2Bag™ Needleless System; West Pharmaceutical Services, [www.westpharma.com](http://www.westpharma.com).
- ▶ SmartSite bag spike with back check valve; Smiths Medical, [www.smiths-medical.com](http://www.smiths-medical.com).

## Needle Parking Device

- ▶ SutureMate™; DeRoyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ ACCUCount; Atrion Medical, [www.atrionmedical.com](http://www.atrionmedical.com).

## Neuropathy Screening

- ▶ Neurotips™, Neuropens; Owen Mumford, [www.owen-mumford.com](http://www.owen-mumford.com).

## Nuclear Medicine Safety Products

- ▶ NeRD needle recapping device, SECURE Syringe Shield, SECURE Safety Insert System; Cardinal Health, [www.cardinal.com](http://www.cardinal.com).

## Ophthalmic Scalpel

- ▶ Beaver Safety Cataract Knives; BD, [www.bd.com](http://www.bd.com).
- ▶ Diamatrix Sharps Safety Stainless Steel Knife, Diamatrix Surgical Steel E-Series Trapezoid blade; Diamatrix Ltd., [www.diamatrix.com](http://www.diamatrix.com).

## Paracentesis, PneumoThorax, Thoracentesis Trays

- ▶ Kendall Turkel Safety Pneumothrax Procedure Tray, Curity Thoracentesis Trays with Safety Components; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ Safe-T-Centesis™ Catheter Drainage Tray; Cardinal Health, [www.cardinal.com](http://www.cardinal.com).

## Percutaneous Endoscopic Gastrostomy (PEG)

- ▶ EntriStar™, Dobbhoff™ Safety PEG Kit/Cath; Covidien, [www.covidien.com](http://www.covidien.com).

## Pharmacy Safety Trays

- ▶ PharmaSafety Sharps Disposal; Covidien, [www.kendall-sharpsafety.com](http://www.kendall-sharpsafety.com).

## PICC Catheter Trays with Safety Components

- ▶ Arrow PICC Kit with safety components; Arrow, [www.arrowintl.com](http://www.arrowintl.com).

## PICC Introducer

- ▶ BD Introsyte-N™ Autoguard™ Shielded introducer for neonatal PICC and Midline catheters; BD, [www.bd.com](http://www.bd.com).
- ▶ Safety Excalibur Introducer System Bard Access Systems, Safety Seldinger Introducer Needle; Bard Access Systems, [www.bardaccess.com](http://www.bardaccess.com).

## Plastic Crimping

Many clinicians are injured by metal crimping and broken glass wind opening radiopaque solutions. The PLUSPAK innovative packaging protects against sharps injuries from metal crimps and broken glass. It enhances workplace safety by providing a pull-ring and twist-off cap that helps to avoid injuries that often occur when using metal caps.

- ▶ +Pluspak Omnipaque; GE Healthcare, [www.amershamhealth-us.com](http://www.amershamhealth-us.com).

## Platelet Transfer

- ▶ ITL SampLok Sampling Kit for Platelet Transfer; ITL, [www.itlcorporation.com](http://www.itlcorporation.com).

## Pre-filled Syringes

- ▶ BD PosiFlush™ Pre-Filled Syringes; BD, [www.bd.com](http://www.bd.com).
- ▶ Carpuject Syringe System; Hospira, [www.hospira.com](http://www.hospira.com).
- ▶ MONOJECT PreFill™ I.V. Flush Syringes, Saline and Heparin Pre-Filled Flush Syringe; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ Pre-filled Flush Syringes; Hospira, [www.hospira.com](http://www.hospira.com).
- ▶ Pre-filled Flush Syringes; Excelsior Medical, [www.excelsiormedical.com](http://www.excelsiormedical.com).
- ▶ Pre-filled Flush Syringe; AMUSA, [www.amsinomedusa.com](http://www.amsinomedusa.com).
- ▶ Prefilled Syringe; Wolf Medical Supply Inc., [www.wolfmed.com](http://www.wolfmed.com).

## Pre-procedure Bandages

- ▶ Inject-Safe Bandage™; Inject-Safe Bandage LLC, [www.injectsafety.com](http://www.injectsafety.com).

## Prep Razor

- ▶ Personna DermaGard™ Safety Prep Razor; Personna Medical, [www.asrco.com](http://www.asrco.com).

## Puncture-resistant Gloves

Hospitals dispose of thousands of contaminated needles every day. Not only do needles end up in the trash, but they often

show up in hospital laundry. Needle resistant products help prevent workers from getting stuck on the job when they come across needles.

- ▶ PointGuard VII; Hex Armour, [www.hexarmor.com](http://www.hexarmor.com).
- ▶ TurtleSkin Insider, Insider Plus Gloves; Warwick Mills, [www.turtleskin.com](http://www.turtleskin.com).

### Recapping Devices

The revised OSHA Bloodborne Pathogen Standard permits recapping of contaminated needles only under very specific and limited circumstances, such as with incremental doses of medication or the injection of radioactive materials. When recapping must be performed, it must be accomplished by the use of a mechanical device or one-handed technique.

- ▶ NeedleVISE sharps securing, NeedleVISE Large-Bore Sharps Securing Device; Atrion Medical, [www.atrion-medical.com](http://www.atrion-medical.com).
- ▶ Unigard; Owen Mumford, [www.owenmumford.com](http://www.owenmumford.com).

### Safety Debridement

- ▶ E\*Kits Debridement Trays; Medline, [www.medline.com](http://www.medline.com).

### Scalpels, Retractable

- ▶ Allegiance Retractable Safety Scalpels; Cardinal Health, [www.cardinal.com](http://www.cardinal.com).
- ▶ Bard-Parker SafetyLock Disposable Scalpel; BD, [www.bd.com](http://www.bd.com).
- ▶ Canica Safety Scalpel Handle; Canica Design, [www.canica.com](http://www.canica.com).
- ▶ DeRoyal Safety Scalpel with retractable blade; DeRoyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ DIAMATRIX Surgical Steel E-Series Trapezoid blade; Diamatrix Ltd. Inc., [www.diamatrix.com](http://www.diamatrix.com).
- ▶ Futura Safety Scalpel-retractable scalpel, Hypoguard Futura™ safety scalpels; Futura Medical Corp., [www.futuramedical.com](http://www.futuramedical.com).
- ▶ Personna Safety Scalpel - disposable, Personna Medical Saf-T-Scalpel; Advanced Medical Innovations, [www.amiwelisten.com](http://www.amiwelisten.com).
- ▶ Surgeon brand Retractable Safety Scalpel with Steadfast Disposal Lock; Jai Surgical, [www.jaisurgical.com](http://www.jaisurgical.com).
- ▶ Sandel Safety Scalpel with Protective Safety Shield; Sandell Medical, [www.sandelmedical.com](http://www.sandelmedical.com).
- ▶ Swann-Morton Retractable Safety Scalpels; Swann Morton, [www.swan-morton.com](http://www.swan-morton.com).
- ▶ Technocut PLUS Retractable Safety Scalpel; MYCO Medical Supplies, Inc., [www.mycomedical.com](http://www.mycomedical.com).

### Scalpels, Shielded

- ▶ Bard-Parker™ Protected Disposable Scalpel with Locking Retractable Shield, Bard-Parker™ Protected Surgical Blade with Metal Handle; BD, [www.bd.com](http://www.bd.com).

- ▶ The BladeGlove Shielded Safety Scalpel System; Medline Industries, [www.medlilne.com](http://www.medlilne.com).
- ▶ Personna Disposable Safety Scalpel; American Safety Razor Company, [www.asrco.com](http://www.asrco.com).
- ▶ SharpGuard™ guarded knives; Surgical Specialties Corp., [www.surgicalspecialties.com](http://www.surgicalspecialties.com).
- ▶ TechnoCut Plus safety scalpel; Myco Medical, [www.MYCOMedical.com](http://www.MYCOMedical.com).

### Scalpels, Weighted

- ▶ Bard-Parker™ Protected Blade Systems from BD; BD, [www.bd.com](http://www.bd.com).
- ▶ Personna Plus™ Safety Scalpel System; American Safety Razor Co., [www.asrco.com](http://www.asrco.com).
- ▶ Sandel Weighted Safety Scalpel with Protective Safety Shield; Sandell Medical, [www.sandelmedical.com](http://www.sandelmedical.com).

### Scalpel Blade Remover

- ▶ Qlicksmart Scalpel Blade Remover, Qlicksmart CASSETTE 3in1; Qlicksmart, [www.qlicksmart.com](http://www.qlicksmart.com).
- ▶ Surgi-Guard; Bladex Inc., [www.bladex.com](http://www.bladex.com).
- ▶ DeBlade Scalpel Blade Remover; DeRoyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ Blade-Safe Surgical Blade Remover; TradeMark Medical, [www.trademarkmedical.com](http://www.trademarkmedical.com).
- ▶ Cincinnati Surgical Blade Remover; Cincinnati Surgical, [www.cincinnati-surgical.com](http://www.cincinnati-surgical.com).

### Scalpel Holder

- ▶ Scalpel Holder Sharps Safety Device; Xodus Medical, [www.xodusmedical.com](http://www.xodusmedical.com).
- ▶ Scalpel Shield™; Purple Surgical, [www.purplesurgical.com](http://www.purplesurgical.com).
- ▶ Sharps Safety Station; Medegen Medical, [www.medegen.net](http://www.medegen.net).

### Safety Reusable Metal Scalpel Handle

- ▶ SafHandle™ Safety Reusable Metal Scalpel Handle; Jai Surgicals Ltd., [www.jaisurgical.com](http://www.jaisurgical.com).

### Segment Sampling Devices

- ▶ HEMATYPE segment sampling device; Baxter, [www.baxter.com](http://www.baxter.com).
- ▶ Safety Segment Slitter; Innovative Laboratory Acrylics Inc., [www.innovativelabacrylics.com](http://www.innovativelabacrylics.com).
- ▶ Sarstedt's Tube Segment Opener; Sarstedt, [www.sarstedt.com](http://www.sarstedt.com).
- ▶ Seg-Safe™ Segment Processor; Alpha Scientific Corp., [www.Alpha-Scientific.com](http://www.Alpha-Scientific.com).

### Self-sealing Capillary Tubes

- ▶ SAFECAP Self-Sealing Microhematocrit Capillary Tubes with SAFEWRAP; SAFE-TEC Clinical Products Inc., [www.safe-tecinc.com](http://www.safe-tecinc.com).

## Serum Dispenser

Prevent spillage and increase personal safety. Serum dispensers fit all standard 13mm blood collection tubes. A small opening allows dispensing of serum in a drop-like fashion. They replace the rubber stopper and permit easy sampling without the hazards associated with open tube use.

- ▶ Filtered Tip Tops; Market Lab Inc., [www.marketlabinc.com](http://www.marketlabinc.com).

## Sharps Containers, Disposable

- ▶ BD Next Generation In-Room Sharps Collector; BD, [www.bd.com](http://www.bd.com).
- ▶ Complete In-room System; Health Care Logistics Inc., [www.healthcarelogistics.com](http://www.healthcarelogistics.com)
- ▶ E-SAFE Disposal Containers; Greiner Bio-One, [www.vacurette.com](http://www.vacurette.com).
- ▶ EPS Sharps Disposal; Medidose Inc., [www.medi-dose.com](http://www.medi-dose.com).
- ▶ GatorGuard Sharps Disposal Containers, SharpStar Sharps Disposal Containers, RENEWABLES™ Sharps Disposal Containers manufactured using recycled plastics; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ Multi-Safe Disposal Box; Sarstedt, [www.sarstedt.com](http://www.sarstedt.com).
- ▶ Sharps Secure™ sharps containers, Pro-Tec sharps containers; Sharps Compliance Inc., [www.sharpsinc.com](http://www.sharpsinc.com).
- ▶ Sharps Sentinel Cover, Patient Room System, Phlebotomy & Multi-Use Containers, Wall Cabinet System, Large Volume & Chemotherapy Containers; Bemis Medical, [www.bemis.com](http://www.bemis.com).

## Sharps Containers, Large Volume

- ▶ Large Sharps Containers; BD, [www.bd.com](http://www.bd.com).
- ▶ Large Volume Sharps Containers; Bemis, [www.bemis.com](http://www.bemis.com).
- ▶ Large Volume Sharps Container; Health Care Logistics, [www.healthcarelogistics.com](http://www.healthcarelogistics.com).
- ▶ SharpSafety, Sharps-A-Gator; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).

## Sharps Containers, Mail-back

- ▶ Sharps Disposal By Mail System™; Sharps Compliance Inc., [www.sharpsinc.com](http://www.sharpsinc.com).
- ▶ Sharps Containers; GRP Mail-back Sharps Disposal, [www.sharpsdisposal.com](http://www.sharpsdisposal.com).
- ▶ BD Home Sharps Container; BD, [www.bd.com](http://www.bd.com).
- ▶ Medasend Mailback System; Medadyne Biomedical Inc., [www.medadyne.com](http://www.medadyne.com).
- ▶ Steri•Safe Sharps Mailback Program; Stericycle, [www.stericycle.com](http://www.stericycle.com).
- ▶ Sharps Disposal by Mail; Biomedical Waste Solutions, [www.biomedicalwastesolutions.com](http://www.biomedicalwastesolutions.com).

## Sharps Containers, Pharmaceutical

- ▶ PharmaSafety; Covidien, [www.kendalhealthcare.com](http://www.kendalhealthcare.com).

## Sharps Containers, Reusable

- ▶ Sharps Disposal Program; Stericycle, [www.stericycle.com](http://www.stericycle.com).
- ▶ Sharpsmart Reusable Sharps Container; Daniels Sharpsmart, [www.sharpsmart.com](http://www.sharpsmart.com).
- ▶ Reusable Sharps containers; Sure-Way Systems, Inc., [www.sure-way.net](http://www.sure-way.net).

## Sharps Securing Device

- ▶ Atrion NeedleVISE 5-Port; Atrion Medical, [www.atrionmedical.com](http://www.atrionmedical.com).

## Skin Stapler

- ▶ INSORB® 20 Subcuticular Skin Stapler; Incisive Surgical, [www.insorb.com](http://www.insorb.com).

## Spinal Trays

- ▶ BD Anesthesia Safety Trays; BD, [www.bd.com](http://www.bd.com).
- ▶ Safety-Engineered Spinal Trays; B Braun, [www.bbraun.com](http://www.bbraun.com).
- ▶ Trays with Safety Engineered Devices; Baxter, [www.baxter.com](http://www.baxter.com).

## Staple Remover

- ▶ Skin Staple Remover; DeRoyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ Staple Remover with Magazine; AMI, [www.amiwelisten.com](http://www.amiwelisten.com).

## Sternum Closing Device

- ▶ 360° Sternum Closure Device; Suturtek Inc., [www.suturtek.com](http://www.suturtek.com).

## Strainers

- ▶ DeRoyal Safety Strainers; Deroyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ DEVON™ Safe-T-Strainer; Covidien, [www.kendall-ltp.com](http://www.kendall-ltp.com).

## Striped Syringe for Labeling Safety

- ▶ Inviro Luer Lock Syringe with InviroSTRIPE Medication Label; Inviro Medical, [www.inviromedical.com](http://www.inviromedical.com).

## Suction Canister System

- ▶ Vac-U-Port™/Vac-U-Station™, Quick-Drain™ Liquid Infectious Waste Management System; Bemis, [www.bemis.com](http://www.bemis.com).

## Surgical Floor Aspirator

- ▶ Puddle Guppy; DeRoyal, [www.deroyal.com](http://www.deroyal.com).

## Surgical Instrument Transfer Products

- ▶ DEVON\* HANDS-FREE-TRANSFER\* Products; Covidien, [www.tycohealth-ece.com](http://www.tycohealth-ece.com).
- ▶ Disposable Z-Instrument Drape™, Disposable Z-Tray, Stretch-A-Tray™ Extendable Hands Free Transfer Tray; Sandel Medical, [www.sandelmedical.com](http://www.sandelmedical.com).

- ▶ Neutray, The “Neutral” Zone Sharps Safety Transfer Tray; Advanced Medical Innovations, [www.amiwelisten.com](http://www.amiwelisten.com).
- ▶ ScrubSafe™; DeRoyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ Sharps Passing Tray, Scalpel Shield; Purple Surgical, [www.purplesurgical.com](http://www.purplesurgical.com).

### **Surgical Safety Products**

- ▶ Sharps Safety Station; Purple surgical, [www.purplesurgical.com](http://www.purplesurgical.com).
- ▶ Puddle Guppy; DeRoyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ Disposable Instrument Organizer; Advanced Medical Innovations, [www.amiwelisten.com](http://www.amiwelisten.com).
- ▶ ACCUCount™ Needle Counter, NeedleVISE™, Large Gauge NeedleVISE™; Atrion Medical, [www.atrionmedical.com](http://www.atrionmedical.com).
- ▶ DeRoyal Skin Staplers; DeRoyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ Scalpel Caddy™; Cover-U Medical Products, [coverumsl@msn.com](mailto:coverumsl@msn.com).

### **Suture Removal Devices**

- ▶ BladeGuard™ Safety Stitch Cutter; ITL, [www.itlcorporation.com](http://www.itlcorporation.com).

### **Syringe Labeling for Safety**

- ▶ Inviro Luer Lock Syringe with InviroSTRIP™ Medication Label; [www.inviromedical.com](http://www.inviromedical.com).
- ▶ Clicksmart CHECK CLIP; Clicksmart, [www.clicksmart.com](http://www.clicksmart.com).

### **Syringe Management System**

- ▶ SMS-1, SharpsFree SMS-2 (Sharps Management System - Pro), SharpsFree SMS-3 (Sharps Mgmt System - Personal), SharpsFree SMS-4 (Sharps Mgmt System, wall mount); Medtech, [www.sharpsfree.com](http://www.sharpsfree.com).

### **Temporary Sharps Containers**

- ▶ Disposable Needle Guard, Transportable Sharps Container; Health Care Logistics Inc., [www.healthcarelogistics.com](http://www.healthcarelogistics.com).
- ▶ Point-Lok; Smiths Medical, [www.smiths-medical.com](http://www.smiths-medical.com).
- ▶ SharpStop™ Needle Box; DeRoyal, [www.deroyal.com](http://www.deroyal.com).
- ▶ ShortStop Temporary Sharps Holder; Merit Medical, [www.merit.com](http://www.merit.com).
- ▶ Syringe Transfer Cup Safely contains syringe needles, Saf-T Stop Temporary Sharps Holder; Xodus Medical, [www.xodus.com](http://www.xodus.com).

### **Topical Anesthetic Device**

- ▶ LidoSite Topical System; B. Braun, [www.bbraun.com](http://www.bbraun.com).

### **Transfer Fluid Devices**

- ▶ It is often necessary to transfer fluids from one container to another to dilute, reconstitute or add drugs.
- ▶ EZ Wing Vial Access Plastic Cannula; Inviro Medical, [www.inviromedical.com](http://www.inviromedical.com).
- ▶ FDC 1000 with Luer-lock connections on both ends, Transofix bag set port transfer product, Ecoflac Mix Vial Adapter, MAT

4100 Multiple same-volume fluid transfers, MAC 1001 Multiple same-volume fluid transfers; B Braun, [www.bbraunusa.com](http://www.bbraunusa.com).

- ▶ MixJect™ (One-piece preparation of powder drugs to be reconstituted by a diluent prefilled syringe), Mix2Vial™ (Dual-sided device that allows rapid transfer of the diluent into vacuum powder vials), Vial2Bag™ needleless system (reconstitution and transfer of a drug between a vial or syringe and any solution-filled IV bag), Vial adapters (transfer from vials), Needleless Transfer Device (rapid transfer of diluent into vials), Clip'n'Ject (reconstitution of lyophilized injectable drug products in point-of-care settings), Ampoule adapters (aspiration of diluent from a glass ampoule without the use of a needle); West Pharmaceuticals, [www.westpharma.com](http://www.westpharma.com).
- ▶ MONOJECT™ ANGEL WING™ Multi-Sample Transfer Sets-Female; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ Rapid Fill™ connectors; Baxa, [www.baxa.com](http://www.baxa.com).

### **Tuberculin Syringe**

- ▶ BD Integra™ Syringe, BD SafetyGlide™ Syringe for TB, BD Safety-Lok™ Syringe, BD PrecisionGlide™ Needle; BD, [www.bd.com](http://www.bd.com).
- ▶ InviroSNAP! Safety TB Syringes; Inviro Medical, [www.inviromedical.com](http://www.inviromedical.com).
- ▶ MONOJECT™ TB Safety Syringe, Magellan TB Safety Syringes; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ Needle-Pro Fixed Tuberculin; Smiths Medical, [www.smiths-medical.com](http://www.smiths-medical.com).
- ▶ SurGuard™ Safety TB Syringe; Terumo, [www.terumotmp.com](http://www.terumotmp.com).
- ▶ VanishPoint Tuberculin Syringe; Retractable Technologies, Inc., [www.vanishpoint.com](http://www.vanishpoint.com).

### **Tympanocentesis Speculum**

- ▶ CDT Speculum (Channel Directed Tympanocentesis™ Speculum) for use as an otoscopic accessory for tympanocentesis; Wall Precision Instruments LLC, [www.tympanocentesis.com](http://www.tympanocentesis.com).

### **Umbilical Catheter Tray with Safety Components**

- ▶ General Procedure Catheterization Trays with safety components; Utah Medical Products Inc., [www.Utahmed.com](http://www.Utahmed.com).

### **Umbilical Line Draw**

- ▶ Portex Umbilical Line Draw with Dry Lithium Heparin; Smiths Medical, [www.smiths-medical.com](http://www.smiths-medical.com).
- ▶ ITL DonorCare Needle Guard for use with blood collection bag needles; ITL, [www.itlcorporation.com](http://www.itlcorporation.com).

## Urine Sampling and Collection

- ▶ Safeguard™ needleless urine sampling port; Covidien, [www.covidien.com](http://www.covidien.com).
- ▶ VACUETTE Urine System; Greiner Bio-One, [www.vacurette.com](http://www.vacurette.com).
- ▶ Urine Monovette; Sarstedt, [www.sarstedt.com](http://www.sarstedt.com).
- ▶ Uri-Cath™ Set; Utah Medical Products Inc., [www.Utahmed.com](http://www.Utahmed.com).
- ▶ Bard Urine Drain Bag with Bard Safety-Flow™ Outlet Device; Bard Medical, [www.bardmedical.com](http://www.bardmedical.com).

## Vial Access Adapters

- ▶ Dispensing-Spike II Reconstitution Device; Medi-Dose Inc., [www.medidose.com](http://www.medidose.com).
- ▶ MaxV Needleless Vial Adapter; Medegen, [www.medegen.com](http://www.medegen.com).
- ▶ ICU Medical Clave Connector Multidose Vial Adapter; ICU Medical, [www.icu.com](http://www.icu.com).
- ▶ Needleless Vial Access; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ Vial Access Adapter; Inviro Medical, [www.inviromedical.com](http://www.inviromedical.com).
- ▶ Vial adapters, Vial to Bad adapter; West Pharmaceutical Services, [www.westpharma.com](http://www.westpharma.com).
- ▶ Vial Luer Lock Adapters; Baxa Corporation, [www.Baxa.com](http://www.Baxa.com).

## Winged Set for Blood Collection

- ▶ BD Vacutainer Push Button Blood Collection Set, BD Vacutainer Safety-Lok Blood Collection Set; BD, [www.bd.com](http://www.bd.com).
- ▶ K-Shield Winged Needle Blood Collection Set; Kawasumi Laboratories America, Inc., [www.kawasumiamerica.com](http://www.kawasumiamerica.com).
- ▶ Monoject Angel Wing Safety Blood Collection Set; Covidien, [www.kendallsharpsafety.com](http://www.kendallsharpsafety.com).
- ▶ Multifly Blood Collection; Sarstedt, Inc., [www.sarstedt.com](http://www.sarstedt.com).
- ▶ Punctur-Guard Winged Set for Blood Collection; ICU Medical, Inc., [www.icumed.com](http://www.icumed.com).
- ▶ Saf-T Wing Blood Collection; Smiths Medical, [www.smiths-medical.com](http://www.smiths-medical.com).
- ▶ Safe Touch Safety Blood Collection Set; Nipro Medical Corp., [www.nipro.com](http://www.nipro.com).
- ▶ Surshield Safety Winged Blood Collection Set; Terumo Medical Corporation, [www.terumotmp.com](http://www.terumotmp.com).
- ▶ Vacuette Safety Blood Collection Set; Greiner Bio-One, [www.vacurette.com](http://www.vacurette.com).
- ▶ VAKU-8 Plus Safety Blood Collection Set; MYCO Medical Supplies Inc., [www.mycomedical.com](http://www.mycomedical.com).

## Wound Closure, Glue

- ▶ DERMABOND Topical Skin Adhesive; Ethicon, [www.ethicon.com](http://www.ethicon.com).
- ▶ Indermil Tissue Adhesive; Synture, [www.synture.com](http://www.synture.com).

## Wound Closure, Tape

- ▶ 3M™ Steri-Strip™ S Surgical Skin Closure, 3M™ Steri-Strip™ Adhesive Skin Closures (reinforced); 3M, <http://solutions.3m.com>.
- ▶ DermaSeal Skin Closure Strips; Personna Medical, [www.asrco.com](http://www.asrco.com).

## Wound Irrigation

Wound irrigation has typically been accomplished with a syringe and a hypodermic needle to generate the 8-12 psi fluid stream that is recommended for cleaning out wounds. This standard method, unfortunately, also showers the clinician with splashed irrigation fluid that is contaminated with the patient's blood. This presents an unacceptable exposure to mucocutaneous splashes and the potential of an accidental needlestick from the hypodermic needle. New systems can quickly deliver irrigation solutions that can adequately cleanse the wound without the use of a needle.

- ▶ Wound Irrigation Shield; Healthcare Logistics, [www.healthcarelogistics.com](http://www.healthcarelogistics.com).
- ▶ Jetox™-ND, Jetox™-HDC Jet Lavage; DeRoyal, [www.derooyal.com](http://www.derooyal.com).
- ▶ WinShield™; Westmed Inc., [www.westmedinc.com](http://www.westmedinc.com).
- ▶ Igloo Wound Irrigator; Bionix, [www.bionix.com](http://www.bionix.com).
- ▶ Steripod; Mölnlycke Health Care AB, [www.molnlycke.com](http://www.molnlycke.com).
- ▶ Canyons Wound Irrigation System; Allegro Medical, [www.allegromedical.com](http://www.allegromedical.com).
- ▶ Canyons™ Acute Care Wound Irrigation System; Wolfe Tory Medical, [www.wolfortory.com](http://www.wolfortory.com).
- ▶ COMBIGUARD II Irrigation Splash Guard; Ethox International, [www.ethoxint.com](http://www.ethoxint.com).
- ▶ SPLASHCAP; EVOMD, <http://evomd.com>.

## Wound Irrigation Basin

It is important to capture blood and irrigating fluid when cleansing a wound. Safety products are available that retain fluid run off so that it does not contaminate the healthcare worker and others.

- ▶ Smart Basin™; Westmed Inc., [www.westmedinc.com](http://www.westmedinc.com).
- ▶ FOILER™ Disposable Irrigation Basin; Alpha-Scientific, [www.alpha-scientific.com](http://www.alpha-scientific.com).

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*Author's Note: Even with months of preparation, this list is incomplete but the author believes that it contains more safety products and categories than previously assembled together in one list. The author is indebted those that have provided information on safety products. If you are aware of safety products that have not been included in this list, please send an e-mail to [info@ISIPS.org](mailto:info@ISIPS.org).*

*This list will be updated and placed on the new ISIPS Web site in the near future. The author accepts all responsibility for safety products that have been omitted; the intent was to include all safety products that are currently available in the marketplace.*