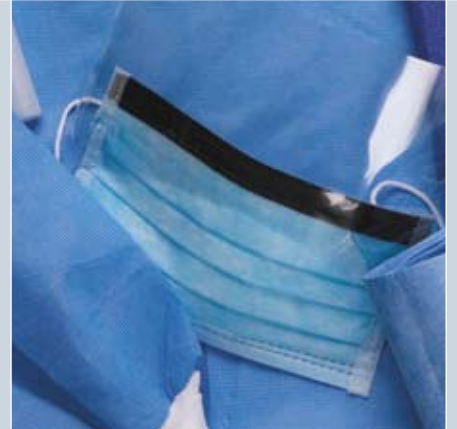


Single-Use
Kits & Trays

Efficient solutions for infection control and prevention.



Medical Action
INDUSTRIES INC.

Taking the right steps to prevent infection.

48 PERCENT

of ICU patients have central venous catheters, accounting for about

15 MILLION

central venous catheter-days per year in ICUs.

There are approximately

5.3 CR-BSIs

per 1,000 catheter-days in ICUs and the attributable mortality for CR-BSIs is approximately

18 PERCENT.

Thus, there are probably about

14,000
DEATHS ANNUALLY

due to CR-BSIs in ICUs.

Some estimates have put this figure as high as 28,000 deaths per year.¹

WITH PAYORS AND REGULATORS measuring and monitoring virtually every aspect of health-care quality, hospitals are redoubling their efforts to improve their clinical performance in cost-effective ways. That's especially true when it comes to hospital-acquired infections. In many cases, payors are withholding reimbursements for treating these conditions and that can have a major financial impact on providers. More importantly, these infections are leading to thousands of unnecessary deaths.

To help control infections, hospitals are implementing rigid protocols for daily procedures like catheter insertions, suturing, and changing dressings. Best practices call for kits and prepackaged trays of instruments as a key strategy to reduce incidence of infection.

And that's where Medical Action can help.

Our comprehensive lines of kits and trays for common procedures ensure every clinician starts with a complete set of sterilized, high-quality materials. This helps them efficiently follow prescribed protocols and reduce the possibility of patient infection — all while saving time and money.

¹ From the Institute for Healthcare Improvement "100k Lives Campaign":

- Pittet D, Tarara D, Wenzel RP. Nosocomial bloodstream infection in critically ill patients. Excess length of stay, extra costs, and attributable mortality. *JAMA*. 1994;271:1598-1601.

- Saint S. Chapter 16. Prevention of Intravascular Catheter-Associated Infections. *Making Health Care Safer: A Critical Analysis of Patient Safety Practices. AHRQ Evidence Report*, number 43, July 20, 2001. www.ahrq.gov/clinic/ptsafety/chap16a.htm

- Berenholtz SM, Pronovost PJ, Lipsett PA, et al. Eliminating catheter-related bloodstream infections in the intensive care unit. *Crit. Care Med*. 2004;32:2014-2020.



The quality-minded professional's choice.

Assured Sterility

With Medical Action, there are no concerns about the sterility of the components you're using. All of our sealed packages meet the highest industry standards of assured sterility.

High-Quality Materials From Leading Partners

Through partnerships with industry-leading device manufacturers — such as C.R. Bard, 3M™, and Johnson & Johnson — Medical Action kits and trays feature components and instruments that are acclaimed for their superior quality and utility.

Convenient Packaging

There's no need to single-source the items your clinicians need for common procedures. With Medical Action, you can order complete kits from a single supplier. Your clinicians simply open the kit or tray and access everything they need to perform the procedure and follow your clinical protocol — quickly and efficiently.

A Broad Assortment

In every product category, we offer a wide range of standard kits that are ready for immediate volume shipments.

Customizable Components

Medical Action specializes in assembling high volumes of customized kits and trays with the materials and items that reflect your unique clinical protocols, requirements, and preferred price points.

Minimized Packaging

We use the least amount of packaging material to minimize your storage requirements and reduce the overall environmental footprint.

Consistent Care

Medical Action's standardized kits and trays make it easier for your physicians, PAs, nurses, and other clinical staff to comply with your prescribed clinical protocols. Everyone uses the same instruments, tools, and components, which helps them achieve consistent clinical outcomes.

A Track Record of Quality Expertise

For more than 20 years, healthcare providers have relied on Medical Action for the highest-quality kits and trays. We have the processes, facilities, and knowledge to meet your needs at any volume.

Expertise

Medical Action is much more than a kit supplier. Our teams of knowledgeable experts can come to your facilities and demonstrate our kits, share effective kitting strategies, and explain how your staff can be more productive with our kits and trays.

Maximum Barrier Kits Can Drive Down Infection Rates

According to a leading publication, using a central line bundle — an evidence-based, consistent series of clinical procedures (including the use of maximum barriers) — Sutter Roseville Medical Center in Roseville, California, cut catheter-related bloodstream infections to zero for more than two years for all lines placed by the PICC team in the medical/surgical and trauma-neuro ICUs. That improvement came even as central line placements nearly tripled from 767 to 2,278 over that period.

Catheter-related bloodstream infections occur in 3 to 7 percent of intensive care patients with central venous catheters.*

Central-line-associated infections can increase ICU stays by an average of six days and increase overall hospital stays by an average of 21 days — adding more than \$50,000 to the patient cost.**

Safety initiatives in one study decreased catheter-related bloodstream infections from 7.7/1,000 catheter days to 1.4/1,000 in just 18 months.***

* *Patient Safety & Quality Healthcare*, Nov./Dec. 2007

** *Patient Safety & Quality Healthcare*, Nov./Dec. 2007

*** MHA Keystone ICU Project:
http://www.mhakeystonecenter.org/icu_overview.htm

- Extra precaution for sterile procedures are needed when inserting or removing catheters, including maximum barriers and head-to-toe draping of patient.
- Best practice is to consider catheter insertion/removal analogous to a surgical procedure.
- A maximum barrier is a key component of the “central line bundle” of clinical procedures to dramatically reduce incidence of infection with catheter insertion/removal.
- Medical Action Maximum Barrier Kit creates a stronger, broader barrier to prevent infection.
- Includes high-quality surgical draping, gloves, masks, head covering, and other infection-prevention components.
- Improves the safety of the clinician.

ITEMS SHOWN

Transparent Dressing,
Underpad, Drape,
Cap, Wrap,
Chloraprep® 10.5ml,
Towel, Gown, Mask
with Fluid Shield



- Infection control is paramount in central lines.
- Medical Action provides fully equipped dressing change kits featuring 3M™ Tegaderm™ CHG and Johnson & Johnson BIOPATCH® Protective Disk with CHG.
- A complete range of trays and components, including towels, drapes, labels, masks, tape, sponges, gloves, antiseptic swabs, transparent dressings — even disposable forceps and biowaste bags.

**ITEMS SHOWN**

Transparent Dressing,
Gauze, Gloves, Change
Label, Chloraprep® 3ml,
Tape, BIOPATCH®
Protective Disk, Towel,
Mask

- Intravenous dressings: a key to infection control.
- A complete assortment of Medical Action Start Kits for IV therapy.
- Kits can feature dressings with 3M™ Tegaderm™; Systagenix BIOCLUSIVE™ dressing; and Smith & Nephew Opsite® dressing.
- StatLock® stabilization device catheter securement options in some kits.
- Kits can include everything from gloves, labels, tape, antiseptics, gauze sponges, and applicators to prep pads, drapes, latex-free bandages, tourniquets, and more.

**ITEMS SHOWN**

Transparent Dressing,
Change Label, Gauze,
Chloraprep® Sepp®,
Tape, Tourniquet

- Lacerations: the second most common reason for ED visits with more than 11 million procedures performed annually.
- Wound care can be a common source of hospital-acquired infection.
- Medical Action kits for lacerations and suture removal: the right tools to perform the procedure efficiently and safely.
- A range of components and custom configurations available: forceps, littauer scissors, antiseptic swabs, gauze pads, gloves, masks, towels, and more.



ITEMS SHOWN

Webster Needle Holder,
Iris Scissor, Adson Forcep,
Mosquito Curved Hemostat,
Gauze, Syringe, Needles,
Drape, Medicine Cups,
Change Label, Towel, Wrap



Patient Bedside Products



Containment Products



Measure & Collection



Kits & Trays



Operating Room Products



Stainless Steel



About us

Medical Action Industries Inc. develops, manufactures and distributes a comprehensive portfolio of high quality disposable medical and surgical products to the healthcare community. Medical Action is a leading provider of disposable operating room products, custom procedure trays, minor procedure kits, patient bedside products, containment systems for medical waste, protective apparel and sterilization products.



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