Logistical Perioperative Supply Management Solutions

Logistical Expertise

Space Utilization and Design

Case Cart Analysis and Design

Packaging Innovations

MEDLINE

Logistical Perioperative Supply Management Solutions
**Supply Management Solutions**

Medline’s exclusive Perioperative Supply Management Solution will help you simplify your supply management world by linking people, processes and supplies for high-volume clinical procedures. The program will save you time and money, while improving overall supply-management efficiencies.

**Designed to Your Unique Needs**

Medline designs each custom supply management program based on your hospital’s perioperative supply management requirements. Each program includes a blended solution of single sterile items, standard sterile packs, custom sterile packs and modules that contain all of the disposable and procedural specific supplies that you use today.
Logistical Expertise

Once we determine the clinical benefits that our program can provide your surgery department, our logistics team develops a plan for efficient supply handling and storage. We offer complimentary design services.

Logistics as a Perioperative Supply Management Tool

Medline is the only full service vendor in healthcare to initiate a structured step by step logistical process that documents a facility’s day-to-day operations. Medline’s team of experienced consultants uses a combination of unique tools to assess, design, present and implement system wide process improvements.

Onsite Logistical Assessment:

- Understand the internal distribution process for all surgical supplies
- Conduct a storage and space utilization review of all surgical supply areas
- Review case cart assembly, staging and reprocessing process
- Review instrumentation prep, pack, sterilization and reprocessing process
- Observe procedural suite set-up and turnover process

Goals for the Onsite Logistical Assessment:

- Redesign a more efficient supply process for all sterile and non-sterile supplies supporting surgical suites
- Maximize staff productivity and talent utilization for all supply handling processes.
- Reduce the number of times staff handle the routine surgical supplies prior to room setup
- Maximize the square footage available to support the storage and organization of the surgical supplies using existing or new infrastructure
- Complete plan and 3D drawings of all key storage areas
- Create the most efficient case pick process that matches the existing or new case cart design
- Design an implementation and in-service schedule for recommended process improvements and or storage room redesign
Space Utilization and Design

Medline custom designs each program based on your hospital’s perioperative supply management requirements. Each program includes a blended solution of single sterile items, standard sterile packs, custom sterile packs and modules that contain all of the disposable and procedural specific supplies that you use today.

The storage areas pictured here are examples of drawings designed for several of our customers.

CAD drawings of your current perioperative storage areas and proposed layouts will be provided to you in 3D and 2D formats. These drawings will serve as a starting point for additional discussions on storage redesign and revisions will be made to the drawings as needed.

Surgery
Our logistical consultants work extensively with maternal services. They identify the supply process and supplies needed for observation, labor, delivery (C-Section or Vaginal), post partum and nursery.

They make recommendations for improved efficiencies and staff productivity with supply handling and storage.
Logistical Improvements Case Study

Opportunities for Improvement

- Inefficient use of square footage and aisle space for the department
- Instrumentation stored too far from the sterilization area
- Instrumentation and commodities mixed together
- Top-track high-density storage systems wasted time and created access problems for staff
- Pullout drawer cabinets wasted square footage and created inventory management issues
- Case cart assembly and staging area was located opposite the point of entry/exit for the department

Drawings represent storage area BEFORE redesign.
**Improvements Implemented**

- Maximized the square footage and aisle space
- Organized all instrumentation by service and located the instruments closer to sterile processing
- Rationalized organization of sterile and non-sterile supplies to maximize space and improve management of par levels
- Removed top-track high-density storage systems to eliminate repetitive movement and improve access to supplies
- Installed wall-mounted bins
- Reduced pullout drawer cabinets by 60%, using them only for small commodities and implants
- Relocated case cart assembly and staging closer to the point of entry/exit
- Maximized aisle space by organizing the correct size storage in an easily accessible pattern that increased usable storage by 80 square feet!

**Drawings represent storage area**

**AFTER redesign.**

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**Commodities Storage**

**Maximize Exterior Walls with Wall Mounted Bin Storage**

**Cabinets** 8 Total

**Carriage Cooling Area**

**Case Cart Staging** 10 Total

**Instrument Storage** 560 Total

**Custom Pack Storage** 48-60 Total

**2-Day Par Level** 28 Modules Covering 8 Services 96 Total

**Module Storage 2-Day Par Level:** 96 Total
Case Cart Analysis and Design

Using the most ergonomically designed case cart systems, will aid in reducing the demands of case cart assembly while meeting the needs of today’s surgical suites and women’s services. A well designed cart and case cart program will also aid in reducing the time needed for room set up and turnover. Our case cart designers will take the time to understand the day-to-day needs of each individual facility. Our team of designers will work with surgical teams, specialty coordinators, and the sterile processing department to design a case cart program that meets the needs of each facility today and into the future.

Case carts are available in stainless steel or PVC construction.
Highlighted below are commonly utilized case cart designs.

Additional models built to your specifications are available.

**Stainless Steel Cart**
- Designed to fit your facility's needs
- Heavy-duty construction
- Adjustable shelves and handles
- Approved for use in a case cart washer
- Case cart covers available

**Item No.**
MDRQCDS2442SS

**Dimensions**
42” x 24” x 45”
(106.7 cm x 60.1 cm x 114.3 cm)

**Pkg.**
1/ea

**Item No.**
MDRQCDS24363

**Dimensions**
36” x 24” x 45”
(91.4 cm x 60.1 cm x 114.3 cm)

**Pkg.**
1/ea

**Item No.**
MDRQCDS2436S

**Dimensions**
36” x 24” x 45”
(91.4 cm x 60.1 cm x 114.3 cm)

**Pkg.**
1/ea
PVC Cart

- Designed to fit your facility’s needs
- Lightweight
- Rigid PVC construction
- Solid PVC shelves
- Case cart covers available

Item No.
MDRQ243645SL4

Dimensions
36" x 24" x 45"
(91.4 cm x 60.1 cm x 114.3 cm)

Pkg.
1/ea

Item No.
MDWPP2030483C

Dimensions
30" x 20" x 48"
(76.2 cm x 50.8 cm x 121.9 cm)

Pkg
1/ea
Item No.  
MDRQ243648F3C

Dimensions  
36” x 24” x 48”  
(91.4 cm x 60.1 cm x 121.9 cm)

Pkg  
1/ea

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Item No.  
MDWPP2436483C

Dimensions  
36” x 24” x 48”  
(91.4 cm x 60.1 cm x 121.9 cm)

Pkg  
1/ea

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Item No.  
MDWPP2436352S

Dimensions  
36” x 24” x 35”  
(91.4 cm x 60.1 cm x 88.9 cm)

Pkg  
1/ea
Sturdy and Light Weight PVC Carts for Container Storage

- Solid PVC shelves
- Case cart covers available

Without Recycle Placard

Item No.
MDWP282841KDF

Dimensions
Fits containers up to 30 gal. (113.56 L)

Pkg.
1/ea

MDWP303345KDF

Dimensions
All Sizes

Pkg.
1/ea

With Recycle Placard

Item No.
MDWP282841PLK

Dimensions
Fits containers up to 30 gal. (113.56 L)

Pkg.
1/ea

MDWP303345PLK

Dimensions
All Sizes

Pkg.
1/ea
Storage Systems and Accessories

When selecting storage systems for the organization of procedural supplies, preference items and specialty equipment it is critical to choose the appropriate storage system that will maximize linear as well as overall square footage of storage areas. The combination of custom shelving accessories and the use of the appropriate materials will offer each facility multiple options now and into the future. We offer an extensive line of storage supplies and shelving options.
Unique Packaging Options

Patented Delivery Container
Medline has patented delivery containers that have been designed with clinical input for the efficient delivery of med-surg supplies. The container is designed to allow delivery straight to a clean room environment as well as to the point of therapy. It is available in a standard unlined version or a Department of Transportation approved lined version for regulated medical waste removal. The delivery container has an optional tamper evident seal. This way you know that components have not been removed while in storage.

Department of Transportation (DOT)-Approved Waste Container
You have the option of a patented leak proof lined container that doubles as a DOT compliant waste container. The lined container adds an additional layer of protection so liquids will not escape from the container during disposal. The lined container is supplied with:

- 4 Biohazard Labels
- Custom sized red Biohazard bag
- Closure tie

Excellent for disposal of oxygenator and cell savers
Empower Packaging:

Eliminate Pack Confusion With The Science Of Intuitive Design

The purpose of surgical procedure packs is to bring convenience to your world. Yet every blue pack looks almost identical to every other pack – resulting in needless confusion and costly mistakes.

Wrong packs are pulled more often than you might think - causing the extra work and expense of pulling separate sterile items. Or, worse yet, discarding the entire wrong pack and replacing it with the correct one. Furthermore, when looking at the pack insert, it’s difficult to identify important information such as its contents, expiration date or if any of the contents contains latex.

Recognizing these problems, Medline set out to eliminate pack confusion. The result: Medline’s EMPOWER Packaging System – an entirely new and streamlined way of looking at packs.

Baby's First Toy Box

Medline’s Labor & Delivery module is custom-packed in a “My First Toy Box” container. The cute, kid-friendly toy box contains all the necessary supplies for a vaginal or C-Section delivery and can be taken home by the family. Ask your Medline representative how you can add your facility’s name and logo to this unique container.
Why Medline

Commitment to Quality and the Highest Quality Standards
• ISO 13485 (Medical Device Manufacturer) compliant
• Clean room manufactured

Service
• 99 percent service levels
• No unauthorized product substitutions
• Med-Pack – web-based pack management system

Perioperative Supply Management
Consulting Team Support
• Lean Assessments
• Supply management re-engineering

Clinical Resource Specialist Support
• Specialists average over 20 years of OR experience
• Data-driven standardization and utilization analysis
• Kit review – current and new

Local Sales and Sales Management Support
• Weekly visits
• Kit review and analysis/changes
• Dedicated customer service representatives
• Implementation support

Component Return Policy
• Items outside the sterile pack can be returned for credit, provided that they are within the original package and not damaged or soiled

Preferred Products Program
• Cost-saving solutions
• High-quality components
• Preferred components undergo an intense evaluation process to make sure they excel in performance, clinical acceptance and service.

Logistical Support
• Space utilization analysis and design
• Logistical analysis
• Storage systems and accessories
• Case cart analysis and review
• Implementation support
• Inventory consignment programs

Commitment to Continuing Education
• Medline University® (www.medlineuniversity.com) – FREE accredited continuing education, anytime and anywhere
• OR Connection – Medline’s publication for perioperative services

Manufacturing/Distribution
• Regionally located manufacturing facilities
• Regionally located distribution facilities
• Contract distribution partners Regional and national disaster plan and support capabilities

Medline Partners with Organizations Committed to Improving
• Patient Care
• Protecting 5 Million Lives From Harm
• The Joint Commission (JCAHO) National Patient Safety Goals
• Surgical Care Improvement Project (SCIP)