



# **Surgical Workflow Solutions for your ASC**

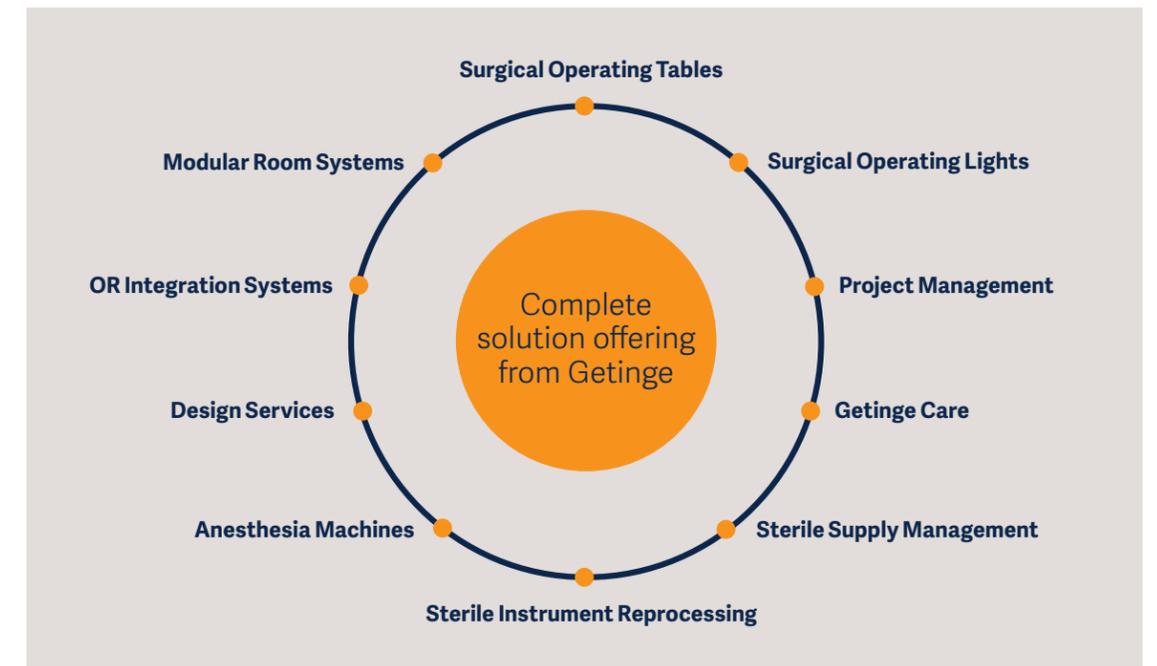
We know how you operate, and why.

GETINGE 

# Profit from the experience.



As the complexity and diversity of surgical procedures continue to increase in your ASC, more and more ambulatory surgery centers are turning to Getinge for single source OR and infection control solutions to help ensure superior operational efficiencies and positive clinical outcomes.



### The numbers tell the story.

According to U.S. Census Bureau projections, by 2035, older Americans will outnumber children for the first time in the country's history. By 2030, one of every five citizens will have reached retirement age.

As the national population continues to age and expand, your ASC will be further challenged to meet the need and demand for minimally invasive and low-risk procedures that do not require post-operative hospital recuperative care. Plus, an increasing number of facilities now offer 23-hour postoperative care that makes ASCs an even more attractive alternative to prospective patients.

### Enhancing patient throughput and quality of care.

Getinge offers an unmatched portfolio of products and technologies that are well aligned with cost containment, OR scheduling, space allocation, and patient care strategies that distinguish ASCs from inpatient hospital surgical workflows. In addition, Getinge invites you to take advantage of our architectural planning and workflow analysis services to ensure that your ASC can accommodate anticipated increases in patient volume.

Consider all of the following ways you can partner with Getinge to future-proof your facility and improve your ASC's financial performance while supporting staff and patient safety, and providing superior patient care.

# OR Solutions for the ASC



## Meera Multi-disciplinary Mobile Operating Table

With the Meera Multi-disciplinary Mobile Operating Table, it is now possible for your ASC to perform a wide range of surgical procedures on a single accessory-enriched mobile platform that reduces the need to invest in expensive, underutilized specialty tables. The Meera Mobile Operating Table provides superior and uncompromised patient comfort, access, and safety across the full spectrum of surgical disciplines.

Meera's compact and concave table base allows members of your surgical team to stand as close as possible to the patient to help reduce muscle fatigue during lengthy procedures. Meera's extended adjustment ranges accommodate a variety of positional requirements and personal preferences to comfortably and safely adapt the table to the patient's anatomy — not the other way around.



## Yuno II Mobile Operating Table

The Yuno II Mobile Operating Table is a highly adaptable and configurable platform that accommodates a full range of patient positioning requirements for orthopedic procedures commonly performed in an ASC:

- Shoulder arthroscopy.
- Rotator cuff repair surgery.
- Total joint replacement, including Direct Anterior Approach for hip procedures.

- Foot and ankle procedures.
- Hand surgery.

In the near future, it is anticipated that 50% of total hip and knee surgeries<sup>1</sup> will be performed on an ambulatory basis. Yuno II is especially effective in facilitating the minimally invasive Direct Anterior Approach (DAA) to hip joint replacement by providing a smooth combination of leg rotation, abduction, adduction, and height adjustments to enhance comfortable access to the surgical site.

1. No Increased Risk of Complications for Joint Replacement in Ambulatory Surgery Setting. MedicalXpress.com. <https://medicalxpress.com/news/2019-03-complications-joint-ambulatory-surgery.html>. Mar 14, 2019.



### Volista StandOP and Access Surgical Lights

Volista StandOP and Access Surgical Lights provide the perfect balance of value and performance for a wide range of surgical procedures within the ASC. White LEDs deliver true tissue color, and optical parameters remain consistent at all illumination settings over the entire surgical field. Two versions of the lighthead are available to accommodate your budgetary requirements.

Innovative features include Automatic Illumination Management technology (AIM). AIM provides an extra measure of shadow control and consistent illumination, without staff

intervention, whenever the LED array is partially obstructed. Plus, Luminance Management Device (LMD) automatically adjusts the luminance according to lighthead distance and tissue brightness (StandOP model).

If additional light is required during the course of the surgery, our patented BOOST technology gives surgeons fingertip control to increase illumination to a pre-set intensity in just seconds while retaining all light parameters (CRI, depth of field, light field size). With a single touch, light intensity automatically returns to its previous setting without trial and error.



### Moduevo Ceiling Supply Units

Moduevo Ceiling Supply Units offer future-proof flexibility that easily adapt to complex new procedures and therapies in the ASC while facilitating provider-patient interactions — especially wherever space is at a premium. Features include best-in-class load capacity, arm reach, safety, distributor maneuverability, and upgradability,

Easy grab-and-move positioning features advanced human touch sensing technology that automatically releases the unit's brakes when the handle is gripped. This helps speed

repositioning in rapid-response situations with minimal physical effort and smooth, highly controlled movements. In addition, Moduevo's exclusive distributor design is equipped with Getinge's exclusive Ergonomic Positioning System (EPoS). This system makes it possible to easily attach, and position, any component or accessory — without constraint on any mounting position on the distributor at any selected height.



### Flow-i Anesthesia Machine

The Flow-i Anesthesia Machine's electronic injection technology precisely delivers agents, primarily during the inspiratory phase, with minimal waste. Lightweight and maintenance-free vaporizers can be refilled and exchanged while the machine is running, and do not require annual calibration.

Low-flow anesthesia greatly reduces the use of expensive and hazardous anesthetic agents, but can increase the risk of hypoxia. To avoid this issue, Flow-i features O<sub>2</sub>Guard safety technology that overrides the clinician's settings if

necessary, and increases the flow of fresh gas and oxygen should the O<sub>2</sub> level drop below 21%. Conventional safeguards only trigger an alarm.

In addition, the unit's Volume Reflector Indicator (VRI) serves as a useful visual guide to optimize the rebreathing fraction and thus save anesthetic agent. VRI makes it easy to set the optimal Fresh Gas Flow (FGF) and minute volume ratio. Agent consumption can be easily monitored via the interface.

### Tegris OR Integration System

Tegris OR Integration System facilitates total connectivity inside and outside of the OR. Tegris provides a user friendly, centralized user control interface of key equipment and room functions, information systems, and image databases. When coupled with an intuitive 27-inch touchscreen, Tegris is easy to navigate by all users on staff.

Tegris is designed to facilitate total connectivity inside and outside of the OR within your existing IT environment to provide unmatched centralized user control of key equipment and room functions, information systems, and image databases.

Unlike significantly larger units, the much smaller footprint of Tegris conserves valuable space in the OR. Plus, its advanced modular design requires less cabling to help decrease clutter.

With 4K technology built-in, Tegris is designed to adapt to new technology, keeping your OR state-of-the-art. Tegris' scalable and upgradeable hardware/software design is developed to help future-proof your OR.





### Variop Modular Room System

Variop Modular Room System offers the flexibility to accommodate future growth and changing technologies with minimal disruption to your surgical workflows.

Variop pre-manufactured stainless steel wall and ceiling systems have been specifically designed to overcome the well-documented shortcomings of sheetrock construction including:

- Installation that requires significant prep time (taping, mud, sanding, primer, multiple coats of paint).
- Construction dust and debris that is difficult to contain.
- Sheetrock that is fragile and damages easily in high-traffic clinical environments.
- Traditional walls that are costly to repair and maintain and often look old beyond their years.
- Future room alterations that necessitate substantial downtime resulting in lost revenue.

By comparison, Variop is designed to eliminate the time-and labor-intensive installation of sheetrock and the high cost of long-term maintenance and repairs. In fact, Variop can reduce construction time by as much as one week per room while limiting the financial impact of last-minute change orders.

Variop's popular three-panel design makes it easier to remove the lightweight upper and lower wall elements without having to disconnect electricity and medical gases.

In addition, Variop's stainless steel panel construction supports your ASC's infection control initiatives and is compatible with a wide range of cleaning agents and disinfectants. All integrated components are designed to be flush mounted to restrict areas where dust and debris can collect.

Variop arrives at your project site as a "finished kit," eliminating the time-and labor-intensive installation and ongoing maintenance related to sheetrock. In fact, Variop's modular building solutions can shorten project construction timelines and reduce your facilities ongoing maintenance.

# Infection Control Solutions for the ASC

## Combination Blanket/Fluid Warming Cabinets

Getinge's Combination Blanket/Fluid Warming Cabinets outperform traditional warming technology. Patented, intelligent multi-zone heating technology prevents the overheating of blankets that create the potential for scorching and discoloration.

Separate controls ensure that blankets and fluids are safely and accurately heated to recommended temperatures. Precise, programmable digital control ensures that warmed fluids meet healthcare guidelines for IV and irrigation fluids. For added investment protection, the top chamber can heat either blankets or fluids. By comparison, competitive, blanket-only units cannot warm fluids because of limitations in temperature tolerance.

- 30 to 40 blanket capacity; (30) one-liter bottles, (24) one-liter bags with basket, or (36) one-liter bags without basket.
- Warms fluids and blankets in the same footprint while remaining compliant with JCAHO.



## Surgical Scrub Sinks

Getinge Surgical Scrub Sinks help assure that surgeons and OR staff can achieve required aseptic scrub procedures using count-stroke or timed scrub methods.

- Thermostatically controlled mixing valve automatically maintains water temperature, not to exceed 115°F (46°C).
- Available in manual and electric models, with one, two, or three wash stations.



## 46-Series Washer-Disinfectors

Getinge's 46-Series Washer-Disinfectors provide superior throughput in a compact design, making them the ideal choice for point-of-use applications in your ASC where space is at a premium and long-term reliability is essential.

Getinge's exclusive chamber design also provides an impressive load capacity of 8 DIN / 6 US trays on 4 wash levels for CS installations. Plus, comparative data shows the 46-Series Washer-Disinfectors require less water and detergent per load than comparable larger washers.

- Compact footprint (25.6"W x 73.2"H x 27.2"D) and large 7.1 cu. ft. load chamber.
- Six of the most common cycles can be selected with a single preset program button.
- Each wash level consists of a removable shelf and spray arm.
- Fold-down door facilitates loading while eliminating the need for load carts and trolleys.
- Double-action drying reduces process time using a built-in heat exchanger to effectively dry items on both the inside and outside. Drying time and temperature can be preset for each program.



### Getinge's 86-Series Washer-Disinfectors

Getinge's 86-Series Washer-Disinfectors feature high-capacity chambers that accommodate up to 18 DIN / 12 US trays per cycle. This helps eliminate the risk that critical instrument sets won't be available when and where they are needed.

Additionally, Getinge's S-8668T Washer-Disinfector features turbo, multitasking functionality to reduce the non-productive time needed for filling and draining process water. No comparably sized unit is more productive — available turbo power efficiency reduces process time by as much as 25%.

- Choice of chamber sizes lets you match the 86-Series to your current and anticipated processing needs. Capacity of 18 DIN trays (12 U.S. trays maximum) when loading a 6-level wash cart.
- Getinge's exclusive, award-winning CENTRIC user interface displays only the information the operator needs at each critical point in the cycle to reduce the potential for confusion and human error. Large, high-resolution color screens are easy to read, so staff can easily monitor cycle progress, even at a distance.
- Flow-meter-controlled dosing, and circulation pressure monitoring, ensure effective cleaning and superior operational efficiency.



### 400/500HC-E Series Steam Sterilizer

Getinge's 400/500HC-E Series Steam Sterilizer is the economical first choice for ambulatory surgical centers. It is purpose-built to provide an unmatched combination of processing capacity, technician safety, sterility assurance, and cycle flexibility in a value-priced compact design.

- 7.5"W x 17.5"H x 26"L or 21"W x 21"H x 38"L chamber sizes.
- Compliant with AAMI ST8 for processing tray sets up to 25 lbs .each.
- Load capacities of 50 or 75 lbs. — validated loads of 2 or 3 trays.
- Validated with pre-vacuum and gravity cycles at 270°F (132°C) and 275°F (135°C).
- Up to 20 available pre-vacuum, gravity and immediate use cycles.
- Large 8.4" AVANTI SVGA color touchscreen display facilitates on-screen navigation, simplifies cycle selection, and speeds on-screen modifications to cycle parameters.

Additionally the mechanical vacuum-pump option, in lieu of water-injector, enhances cycle performance while the water saver option reduces water consumption by 75% or more.



### GSS67N Steam Sterilizer

Getinge's GSS67N Steam Sterilizer, mid-size unit, features clean steam capabilities plus the technology to reduce water and energy consumption at no extra cost. As a result of these features, your ASC won't have to make the difficult choice to pay extra for clean and green or preserve budget dollars to help fund other critical capital equipment projects.

Premium high-grade stainless steel sterilizer piping, valves, and other components ensure clean steam delivery. In addition, the unit's standard high-efficiency vacuum pump reduces water consumption by more than 200 gallons per cycle, compared with a typical water ejector system that is used to remove air in the chamber.

- Optimized chamber design maximizes load capacity per cycle while reducing floor space requirements.
- Highly-flexible load configurations accommodate the placement of tall containers and mixed-sized packaging.
- Automatic start-up/shut-down feature pre-heats chamber jacket prior to system testing (including Bowie-Dick test), that can effectively add an additional sterilization cycle per shift to boost overall throughput.
- Choice of three chamber depths — 8, 12, or 16 tray capacity at 25 lbs. per tray.
- Large 10-inch high-resolution screens are easy to read, even at a distance, displaying critical process information including remaining cycle time duration and start-up selections clearly and logically.



### Ultra Clean System Model 1100

Ultra Clean System Model 1100 is designed to meet the volume and workflow requirements of the busy ASC. This value-priced, surgical Instrument cleaning system can process 12 cannulated instruments, plus many non-cannulated instruments, combined in a 10-minute cleaning cycle. A touch-screen display provides the operator with an easy-to-use menu allowing both cannulated and non-cannulated instruments to be cleaned simultaneously. The system automatically fills to the appropriate level, and drains automatically.



### Decontamination Sink Workstation

Decontamination Sink Workstations offer two-sink or three-sink units to facilitate manual pre-cleaning prior to mechanical disinfection. Both countertops and basins are designed to accommodate large instrument trays and containers. Height Adjustable Sink (HAS) option adjusts work surface height from 33 to 45 inches.

- 24" or 30" long sink bowls; 17"W x 10"D.
- Two-sink workstations are 96" long; three-sink workstations are 120" long; custom workstation lengths are available.
- Gallon and liter indicators etched on the inside rear of the sinks make it easy to determine the ideal water and detergent solution.



### Height Adjustable Prep and Pack Tables

Height Adjustable Prep and Pack Tables are fully modular workstations. They are available with a wide range of accessories, making it easy to configure both a large work surface and storage area for prep and pack supplies.

- Designed to be used as both a prep and pack and instrument management workstation.
- Table adjusts to 4', 5', or 6' heights with motorized or hand-crank height-adjustment control. Technicians can store and quickly access any of three preset positions, matched to individuals' preferences.



### SafeStep ATP Monitor

Getinge's SafeStep ATP Monitor helps confirm that surfaces and medical devices in high-risk areas are clinically clean in just 15 seconds.

Residual organic soil and microbial contamination associated with HAIs often exist on accessible surfaces, endoscopes, and cannulated instruments, even though they pass visual inspection.





### T-DOC Instrument Traceability and Asset Management Software

T-DOC Instrument Traceability and Asset Management Software enables an unprecedented level of accountability and administrative control within sterile processing to ensure vital instruments and supplies are available when and where they are needed.

T-DOC fully supports the tracking of instruments and implants at the individual level using scanner and RFID technology.

Available software modules help minimize errors in the packing and assembly of trays, provides an on-screen packing list, (including all the instruments included in the tray), and helps technicians follow procedures that require the use and monitoring of biological or chemical indicators.

For CS managers, T-DOC traces instruments in any production cycle to a specific sterilizer or washer-disinfector. T-DOC associates sterile goods with a specific surgical procedure, patient, and physician to correlate instrumentation and processing costs. This level of tracking allows for greater detail around case and physician management.

For Surgery Center Administrators, T-DOC provides the historical and real-time documentation to confirm best practices and identify and correct problems before they have an adverse effect on patient outcomes. T-DOC also provides a powerful inventory management and strategic sterile production planning tool that increases OR throughput, identifies over-stocked or underutilized resources, and reduces the cost associated with lost or misplaced instruments.

# Getinge Daily Use Products for the CS Department

Getinge's cleaning chemistries, sterility and quality assurance products, and sterile packaging help ensure that your sterile processing technicians have every possible advantage to comply with regulatory requirements, while establishing the highest standard for effective infection control.

### Getinge Clean Cleaning Chemistries

Getinge Clean Cleaning Chemistries are proven detergent formulations that demonstrate superior cleaning efficacy even under challenging hard water conditions, while exhibiting excellent corrosion-inhibiting properties. Getinge Clean detergents are specially formulated to mitigate the effects of unintended dosage variability.



### Getinge Assured Sterility and Quality

Getinge Assurance Products feature exclusive purple-to-green technology that dramatically reduces the potential indication of a premature false pass when validating effective steam sterilization. Getinge's full line of quality assurance products provide highly reliable verification and documentation of equipment and process performance.



### Getinge Pack Sterilization

Getinge Pack Sterilization rolls and pouches offer a best-in-class combination of protection, convenience and processing efficiency. This eliminates the need to reprocess all of the instruments in a traditionally wrapped tray set when only a portion of them have been used in a surgical procedure.

In addition, the Getinge Pack Rotary Sealer provides a best-in-class combination of sterility protection and workflow efficiency by reducing the need for human judgment and intervention that often produces inconsistent heat sealing results. Fail-safe rotary technology helps ensure a high-quality seal, each and every time, to eliminate the clinical consequences of compromised sterile packaging.



# Getinge Care Equipment Service Plans

Getinge Care Equipment Service Plans provide a comprehensive portfolio of maintenance and repair options to help eliminate the clinical, operational, and financial consequences of unscheduled downtime and compromised equipment performance. Our Multi-plan approach to equipment service purchasing provides an extra measure of accountability and cost certainty across the collaboration between Getinge and ASC biomed staff members.



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