



Modernize to Optimize: Surgical Asset Centralization

*A strategic blueprint of sterile processing infrastructure
that supports long-term surgical growth.*

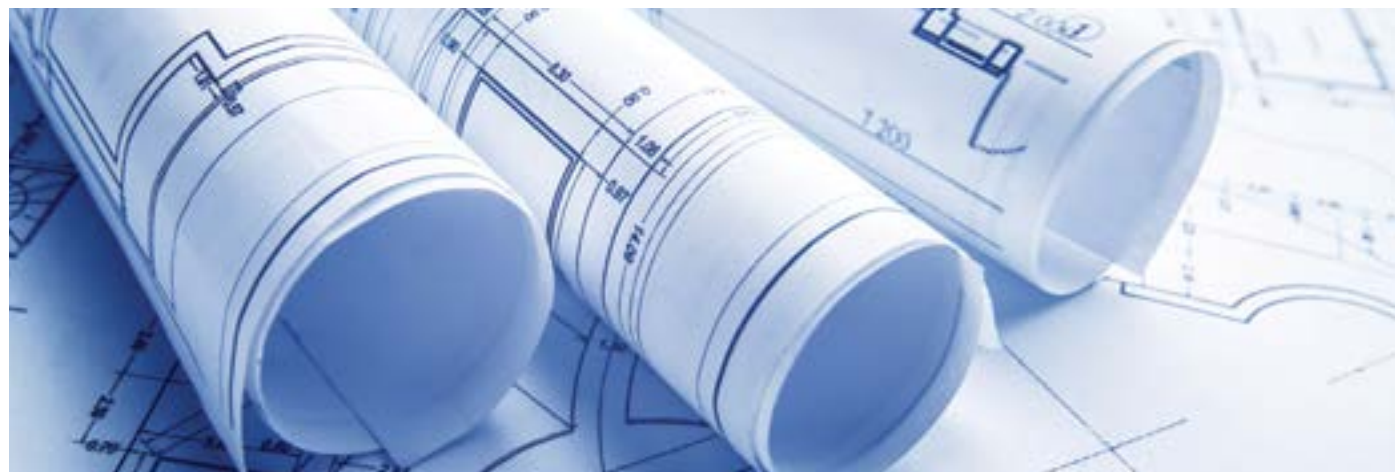
OPERATE WITH GREATER PRECISION



AESCULAP®

Modernize to Optimize: Surgical Asset Centralization

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Uniting Surgical Assets Under One Roof

Recent statistics show that a single minute of OR time can cost \$46.¹ This could cause significant financial loss for health systems who leave inefficiencies unresolved. Surgical Asset Centralization is a strategic blueprint to help build a more efficient sterile processing infrastructure. It organizes and manages surgical instruments and equipment from a single, centralized location. This can exist as either an off-site or on-site reprocessing center.

The Surgical Asset Centralization process is designed to improve the coordination, tracking and monitoring of surgical assets. It helps ensure their timely availability and maintenance, while also helping to reduce error and delay in the operating room.

Surgical Asset Centralization Process:



The Centralized vs. Multisite Approach: A Closer Look

By centralizing assets, hospitals and healthcare facilities can focus on tackling several business challenges:

High Operational Costs:

A **multisite** approach to managing surgical assets may result in an inefficient use of resources, including labor, storage space and equipment.

By **centralizing**, facilities can help optimize resource usage, reduce waste and ultimately lower operational costs.

Inadequate Inventory Management:

A lack of proper tracking and monitoring of surgical assets in a **multisite** system can lead to increased costs due to overstocking or instrument shortages.

Centralization can allow for better inventory control to help ensure the right instruments are available when needed.

Staffing Inefficiencies:

In **multisite** facilities, there can be a duplication of staff roles if each site maintains a unique staffing structure.

The goal of **centralization** is to streamline redundant positions, such as multiple supervisors for each shift, into a single role. As a result, costs associated with training and staffing multiple sites may be reduced.

Challenging Ambulatory Surgery Center (ASC) and Clinic Management:

In health enterprises where ASCs and clinics rely on hospital Sterile Processing Departments (SPDs) for sterilization, it may be difficult to track and control instruments with so many moving parts.

Centralization can help ease sterilization burdens and enhance processing capacity, boosting staff confidence in your ASC.

Inconsistent Quality and Safety Standards:

Multisite management of surgical assets may result in varying levels of asset care and sterilization, which could increase the risk of surgical site infections and other complications.

Centralization is an opportunity for health systems to focus on process consistency and adherence to quality and safety standards with the goal of better patient outcomes.

Difficulty in Implementing New Technologies:

Multisite asset management can make it challenging to introduce and standardize new technologies or equipment across all facilities. This may lead to a slower rate of implementing these innovations, limiting the hospital's ability to adapt to change.

Centralization can make it easier to standardize and implement new technologies to remain at the forefront of implementation and support of medical advancements.

Lack of Scalability:

As hospitals grow and expand their surgical services, a **multisite** approach may become increasingly difficult to manage.

Centralization can allow for better adaptability and scalability, helping facilities to seamlessly and more effectively incorporate new surgical specialties or accommodate an increased volume of surgical procedures without compromising efficiency or patient safety.

Inadequate Performance Metrics:

In a **multisite** system, it can be challenging to develop inclusive and comparative metrics on surgical asset usage, maintenance and overall performance across multiple sites.

A **centralized** approach can offer a more comprehensive view of these metrics and help facilities make data-driven decisions that boost efficiency, quality and patient outcomes.

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The Benefits of Surgical Asset Centralization



EFFICIENCY:

Reducing the time spent searching for instruments in the SPD could pave the way for more efficient surgeries with shorter patient wait times.



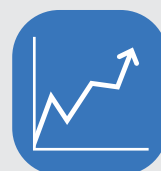
PATIENT SAFETY:

Strengthening the traceability and accountability of sterilization can help ensure instruments are thoroughly sterilized and ready for surgery.



COST SAVINGS:

Optimizing resource usage, including capacity utilization, may result in potential savings on storage, maintenance and inventory costs.



FORECASTING FUTURE GROWTH:

A properly sized SPD could better accommodate potential expansion and effectively leverage investments. Centralization can be a key enabler to help accelerate these growth plans.



INFECTION CONTROL:

Streamlining sterilization processes with centralization may reduce the risk of infections caused by improperly cleaned instruments.



STAFF MORALE AND RETENTION:

A modern, centralized work environment can help improve staff morale, alleviate unnecessary stress and reduce turnover rates by enhancing resource utilization.

Surgical Asset Centralization – Are You a Candidate?

Checking any of the boxes below could indicate your facility is a candidate for Surgical Asset Centralization.

1. Assess Facility Complexity

- Do you have a large facility with a high volume of surgical sites?
- Does your facility cater to a diverse range of surgical specialties?
- Are you lacking in space for processing, storage and maintenance?

Our experience shows that the benefits of centralization are often more pronounced in larger facilities with a high volume of surgical sites and a diverse range of surgical specialties. Larger sites may require a larger space for processing, storage and maintenance.

2. Analyze Current Challenges

- Are you having difficulties tracking surgical assets?
- Are high infection rates an issue?
- Is capacity utilization inadequate?
- Are there inefficiencies in your facility's use of staff and resources?

Facilities experiencing any of these issues may be ideal candidates for the implementation of a centralized system.

3. Participate in a Data-Driven Workflow Assessment

- Do you need help uncovering data and analytics to evaluate how your surgical department operates?
- Do you need assistance calculating the current capacity and utilization of all major reprocessing equipment and assembly stations?
- Do you struggle to understand how your current staffing model could be adapted to better support higher staff utilization based on workflow demands?

Using a program to evaluate your surgical department's instrument usage, staffing and equipment capacity can help identify where centralization may provide the greatest benefits. It can also help forecast obstacles to mitigate.


4. Review Budget and Resource Availability

- Do you have the financial capacity for the initial investment needed for a centralized system?
- Are there resources available for infrastructure updates, technology, inventory and training?

Assessing your facility's financial and resource capacity can help determine what extra help may be needed to support the necessary changes.

One Hub, More Possibilities

To learn more about the potential benefits of Surgical Asset Centralization and if your healthcare facility is a candidate, schedule an introductory meeting with our [expert surgical asset management consultants](#).



Through collaborative excellence we will improve the quality of a patient's life and meet the needs of the changing healthcare environment.

References

1. The Cost of OR Time is \$46.04 per Minute | Journal of Orthopaedic Business. www.jorthobusiness.org. Published online October 1, 2022. Accessed August 7, 2023. <https://www.jorthobusiness.org/index.php/jorthobusiness/article/view/23/20>

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