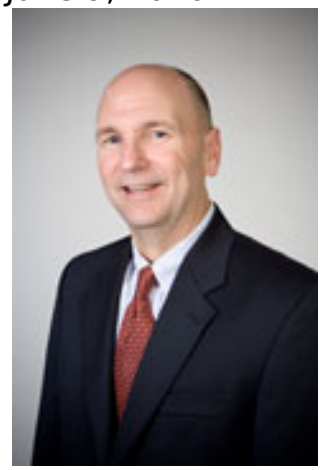
Modularity Is Key

Steve Palmer, Director of Marketing, TRUMPF Medical Systems, Inc.

What should surgical professionals consider of when purchasing equipment booms to ensure their OR is adaptable for future upgrades and updates?

June 9, 2010



A key concept has been modularity. When purchasing equipment booms, the surgical professional has to consider whether the system is functionally flexible. Is the boom designed so it can accommodate changes in technologies, process and procedures? TRUMPF's newest generation of booms provide a level of modularity unprecedented in the industry. This is essentially for future-proofing your hospital. The TRUMPF TruPort Equipment Management System (boom) allows using each side of the support head with equal capability and can be custom configured. Moving side rails, shelves, hand supports, etc. accomplished in moments by clinicians or hospital facility / biomed staff members – without the need for a service call. This "tool-free", do-it-yourself simplicity means whatever changes are required to improve ergonomics or patient care on a case-by-case basis – or accommodate changing technologies over time - can be done in moments. In addition, the ability to move services with minimum effort and time has been optimized. This can be a significant time / cost savings during the initial install or later when modifications are needed.

Having long enough arm combinations for maximum coverage around the perimeter of the surgical table is an issue. In addition, with much larger operating rooms, the need to "park the boom" when not in use is essential. This is especially important in hybrid rooms where more equipment, independent of the boom, is maneuvered in and out and around the patient. These arms also need to have easy access points for future upgrades with integration systems or other services.

Another consideration is weight capacity. Even though some equipment has become smaller, other medical equipment have either become larger or are new to

the operating room. Can the weight capacity of the boom that meets your needs today meet unforeseen challenges tomorrow? Booms like those available from TRUMPF provide the security of superior weight capacities.

One question sometimes overlooked is how the boom is mounted. If you use solo or single mounts and a future application of that room requires additional lights, flat panels or another boom, you need to replace that mount or add another one. Using a tandem mount to start, even though you are only installing a solo boom today, preps the room for future expansion thereby streamlining upgrades, reducing downtime for the room when upgrading and saving the hospital money in the long run.

Source URL (retrieved on *08/21/2014 - 11:50am*):
http://www.surgicalproductsmag.com/articles/2010/06/modularity-key