



Plan. Equip. Support.™

Better solutions for today's operating, hybrid operating, and procedure rooms.



DEEP EXPERIENCE

We've spent decades working alongside healthcare teams. And we put that experience to work developing and refining solutions that anticipate and respond to the evolving demands of today's healthcare environments—from exam rooms, to procedure rooms, to operating rooms—some of which include general, hybrid, neurologic, endoscopic, and labor and delivery.

VERSATILE SOLUTIONS

We offer a broad, thoroughly integrated family of products—surgical tables, booms, lights, stainless, digital integration systems, and more. We've designed our products to work well together and integrate smoothly with other vendor products, such as imaging systems. Abundant options in sizing, configurations, and connectivity make it easy to customize solutions for any need and to integrate easily with just about any third-party vendor.

EXPERT PLANNING SUPPORT & PROJECT MANAGEMENT

We're a trusted partner, helping healthcare teams simplify the complex process of planning or upgrading suites of every type and purpose. We sit alongside you, facilitating conversations with your stakeholders, coordinating third-party providers, developing and refining designs, managing schedules and budget, and putting our experience to work advocating for your unique goals.

We help hospitals and surgical centers design and equip environments that improve workflow, promote versatility, increase staff satisfaction, and elevate patient care.

This guide is a part of our promise. A resource to help you explore and envision broad options in the healthcare environment. The possibilities are as endless as our ability to support, so get in touch with us early in the planning process. Our knowledgeable team will help you design environments that work hard to improve patient care, staff satisfaction, and clinical outcomes.

EXPLORE

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PLANNING

Operating Rooms

Skytron guides you through the design process, working alongside you to create custom solutions that exactly fit the needs of your facility. The possibilities are endless—so let us help you get started by looking at the key planning considerations that shape your solution.

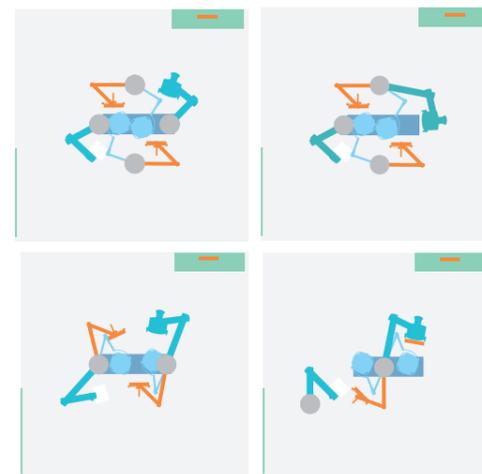




POWER BAT
TREND
TILT RIGHT
BACK
OPERATING ROOMS
UNLOCK
+PRESS TO LOCK BRAKES

PLANNING CONSIDERATIONS FOR THE

Operating Room



PROJECT CONSIDERATIONS

New facility or renovation
Project contact/manager
Planning team
Equipment planner/architect
Budget
Project completion date
Key project milestones

FUNCTIONAL CONSIDERATIONS

Type of procedures to be performed
Primary procedures
Potential future procedures
Plans to rotate the patient

SPACE CONSIDERATIONS

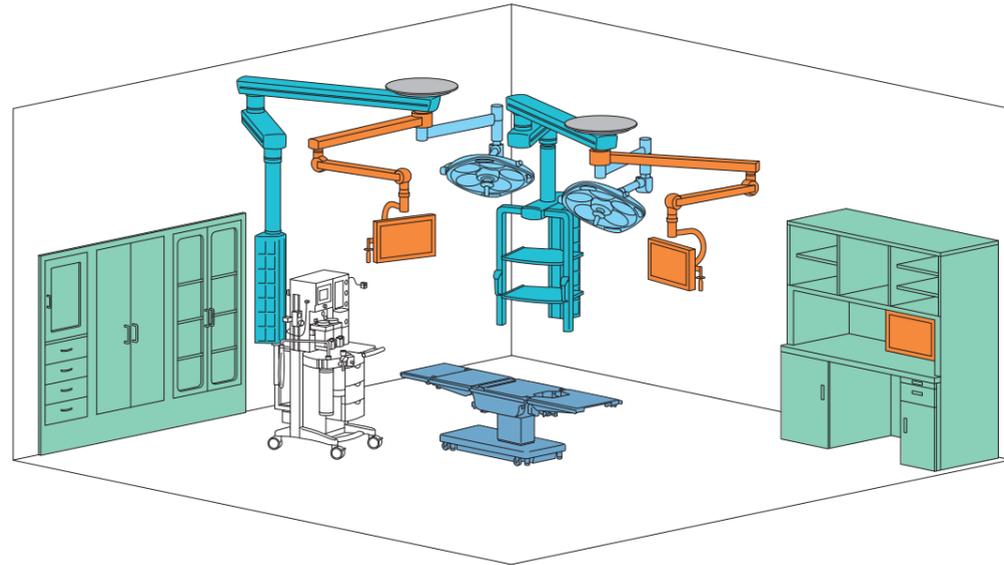
Ceiling height
Location of entrance door and sterile corridor
Location of nurse documentation center, if applicable
Location of backup utilities on the wall, if applicable
Patient entry into room (head vs. foot)
Target area for each piece of equipment

EQUIPMENT CONSIDERATIONS

Surgical table model and capacity
Type and number of lights
Type and number of booms
Type and number of flat-screen displays
Type of nurse documentation center
Type of wall-mounted displays
Type of sinks
Type of storage cabinets
Type of patient lifts
Type of OR integration system
Type of in-light/room cameras

THIRD-PARTY CONSIDERATIONS

Other medical devices used in room (i.e. robot, C-arm, endoscope, perfusion, etc.)



Two Mounts with Lights at 12 and 6 Position

Two separate mounts offer full access to the anesthesia boom, lights, equipment boom, and flat-screen displays. This design significantly reduces construction costs, while ensuring shoulder-to-shoulder equipment boom coverage and 360° access to flat-screen displays.

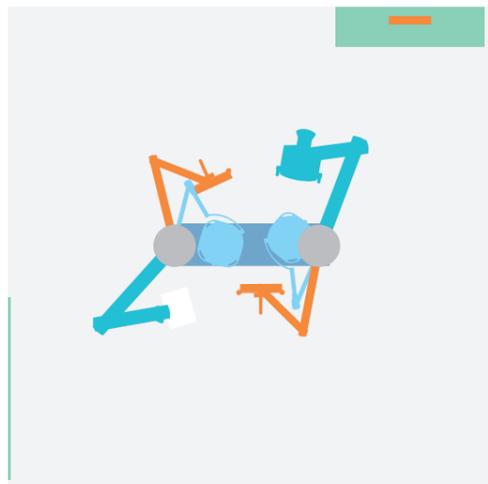
MINIMUM CEILING HEIGHT: 9'6"

ANESTHESIA BOOM: Patient head

EQUIPMENT BOOM: Patient foot

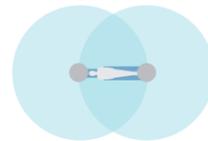
LIGHTS: Patient head, patient foot

FLAT-SCREEN DISPLAYS: Patient head, patient foot

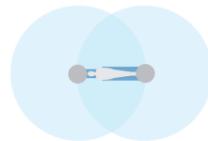


COVERAGE AREA

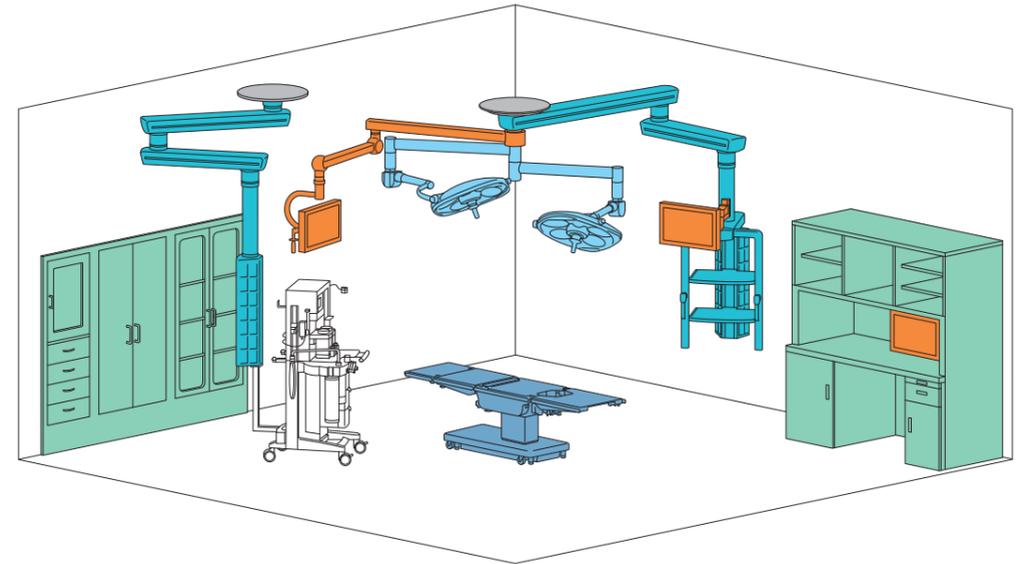
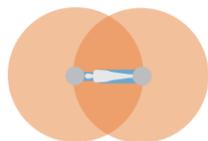
BOOM



LIGHT



FLAT-SCREEN DISPLAY



Central Tandem Mount with Lights Over Table

A single hub provides 360° coverage of the equipment boom, lights, and flat-screen displays. A dedicated mount for the anesthesia boom is located at the patient's right shoulder. This Skytron-exclusive design dramatically reduces construction cost and footprint within the operating room.

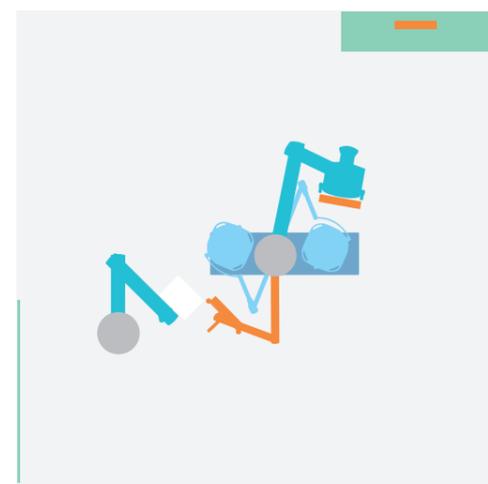
MINIMUM CEILING HEIGHT: 10'

ANESTHESIA BOOM: Patient shoulder

EQUIPMENT BOOM: Over table

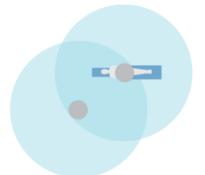
LIGHTS: Over table

FLAT-SCREEN DISPLAYS: Over table

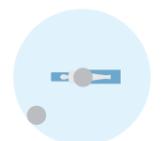


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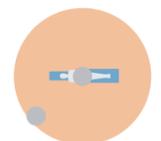
BOOM



LIGHT

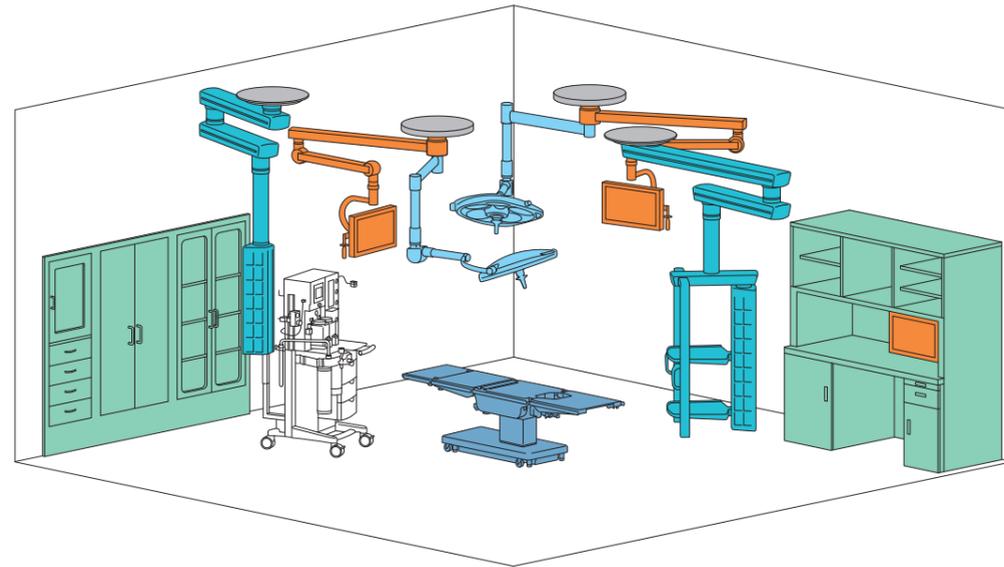


FLAT-SCREEN DISPLAY



COLOR KEY

- Boom
- Light
- OR Integration/Flat-Screen Display
- Stainless
- Table
- Partner Equipment



Four Mounts with Lights at 3 and 9 Position

With four separate mounts, this configuration provides a dedicated light and flat-screen display on each side of the patient. Separate mounts for the anesthesia and equipment booms ensure this design will not interfere with the laminar air flow.

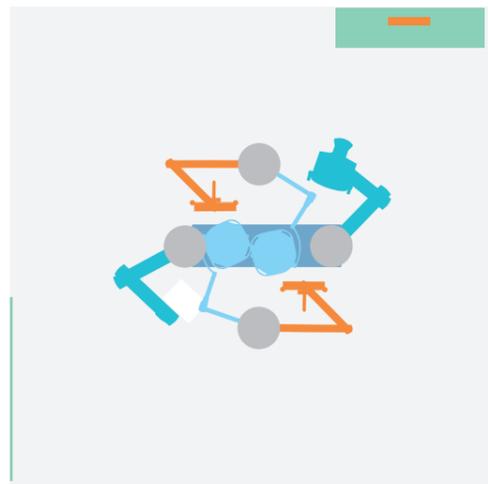
MINIMUM CEILING HEIGHT: 9'

ANESTHESIA BOOM: Patient head

EQUIPMENT BOOM: Patient foot

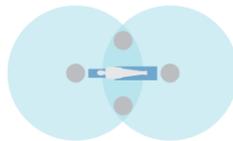
LIGHTS: Patient right, patient left

FLAT-SCREEN DISPLAYS: Patient right, patient left



COVERAGE AREA

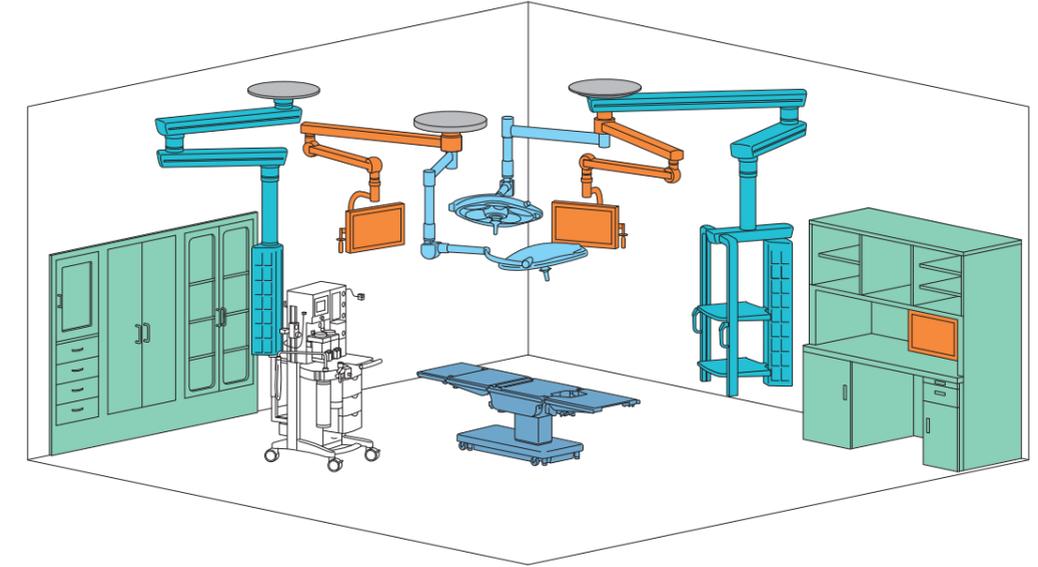
BOOM



LIGHT



FLAT-SCREEN DISPLAY



Three Mounts with Lights at 3 and 9 Position

With three separate mounts, this configuration provides a dedicated light and flat-screen display on each side of the patient. The equipment boom is at the patient's left side and provides excellent shoulder-to-foot coverage without interfering with the laminar air flow.

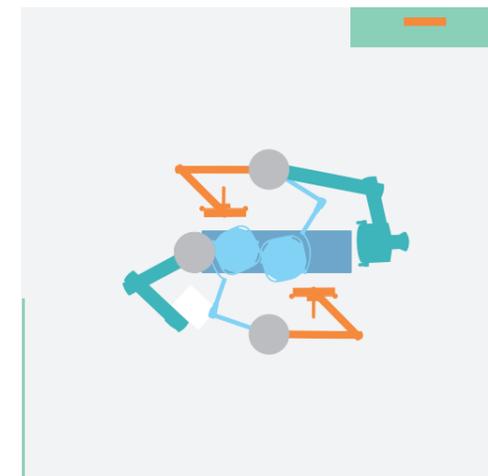
MINIMUM CEILING HEIGHT: 9'6"

ANESTHESIA BOOM: Patient head

EQUIPMENT BOOM: Patient left

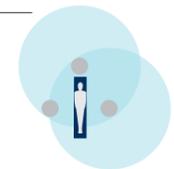
LIGHTS: Patient right, patient left

FLAT-SCREEN DISPLAYS: Patient right, patient left



COVERAGE AREA

BOOM



LIGHT



FLAT-SCREEN DISPLAY





PLANNING

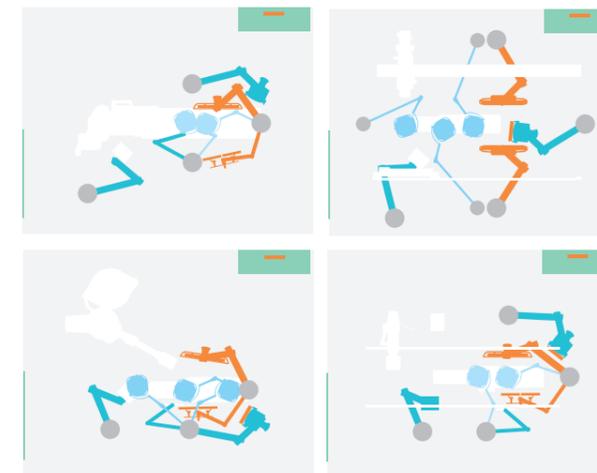
Hybrid Operating Rooms

Planning hybrid operating rooms can be challenging and complex. Our experts are ready to guide you throughout that process. From facilitating conversations with key stakeholders, to working with third-party imaging vendors, to developing 3D renderings, we bring abundant capabilities to simplify planning and help you achieve your goals.



PLANNING CONSIDERATIONS FOR THE

Hybrid Operating Room



PLANNING PRINCIPLES FOR HYBRID OPERATING ROOMS

Minimum of 800 ft ² floor space (1,000 ft ² recommended)
Visualize the room using 3D software
Describe the workflow of equipment (i.e. how lights are parked and enter into sterile field)
Know the frequency for each piece of equipment
Identify location for anesthesia
Type of laminar air system
Identify any imaging cables from the ceiling

PROJECT CONSIDERATIONS

New facility or renovation
Project contact/manager
Planning team
Equipment planner/architect
Budget
Imaging vendor
Project completion date
Key project milestones

FUNCTIONAL CONSIDERATIONS

Type of procedures to be performed
Target area for each piece of equipment
Doctors or specialists who will use room
Dual table design option

SPACE CONSIDERATIONS

Ceiling height
Location of entrance door and sterile corridor
Location of nurse documentation center, if applicable
Location of backup utilities on the wall, if applicable
Location of table-side controls and injectors
Limitation of the conflict/no-fly zone
Location of ceiling rails, if applicable

EQUIPMENT CONSIDERATIONS

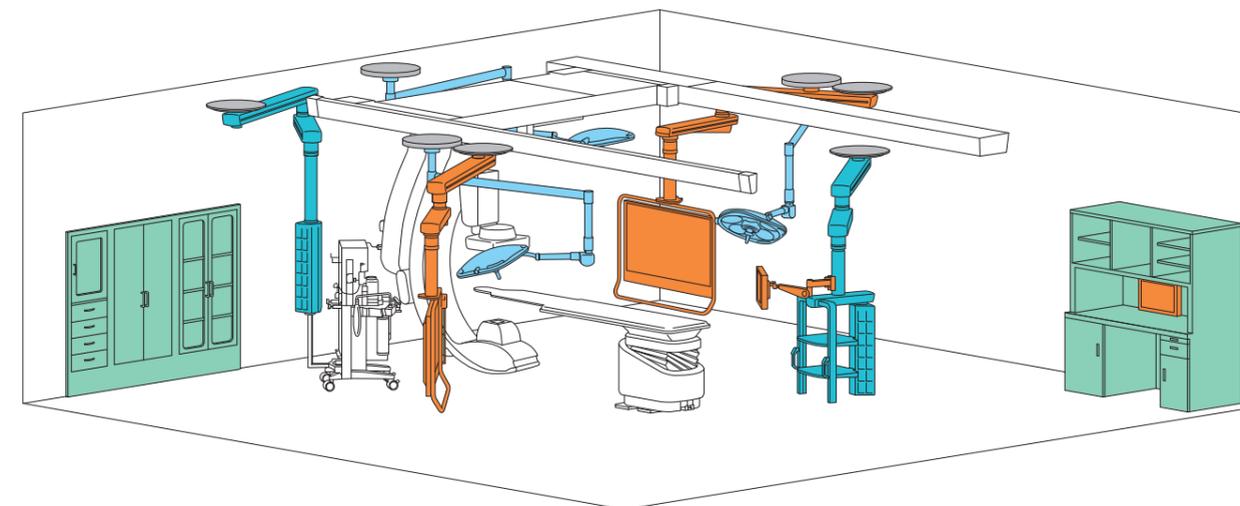
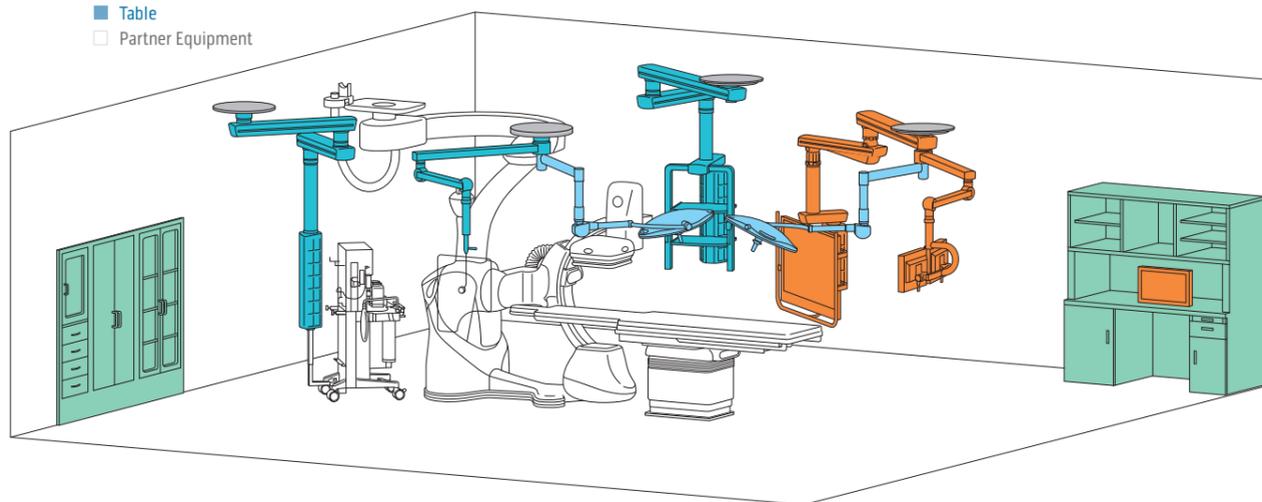
Location of surgical table when imaging table is rotated
Number of lights required to cover all target zones
Type and number of booms
Size and number of flat-screen displays
Type of OR integration system
Type of in-light/room cameras
Type of wall-mounted displays
Type of sinks
Type of storage cabinets
Type of RFID cabinets
Type of recessed lighting

THIRD-PARTY CONSIDERATIONS

Other medical devices used in room (i.e. robot, endoscope)
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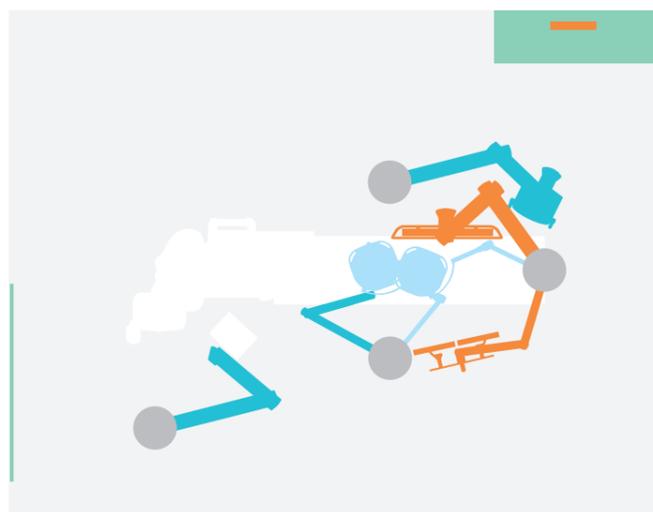
COLOR KEY

- Boom
- Light
- OR Integration/Flat-Screen Display
- Stainless
- Table
- Partner Equipment



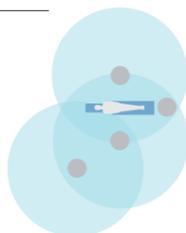
Floor Imaging System Compatible with GE Discovery IGS®

- ANESTHESIA BOOM: Patient shoulder
- EQUIPMENT BOOM: Patient left
- LIGHTS: Patient right, patient foot
- FLAT-SCREEN DISPLAYS: Patient foot
- RADIATION SHIELD: Patient right

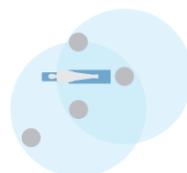


COVERAGE AREA

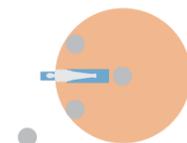
BOOM



LIGHT

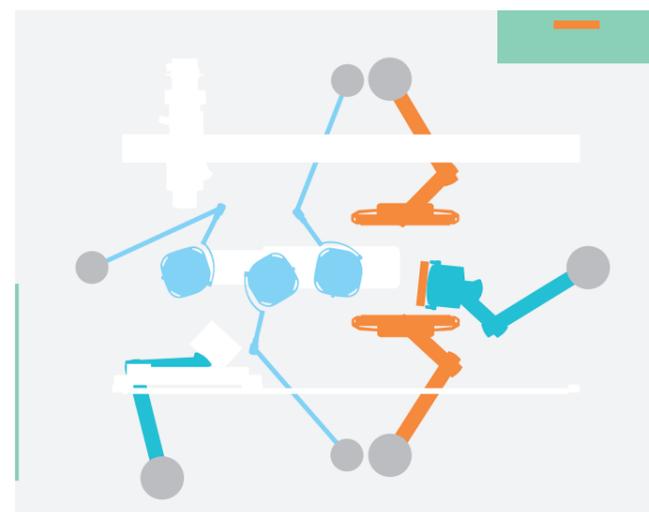


FLAT-SCREEN DISPLAY



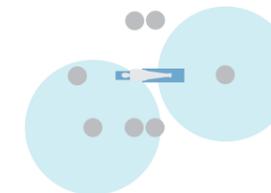
Ceiling-Mounted Imaging System Compatible with Philips FlexMove®

- ANESTHESIA BOOM: Patient shoulder
- EQUIPMENT BOOM: Patient foot
- LIGHTS: Patient head, patient right, patient left
- FLAT-SCREEN DISPLAYS: Patient foot, patient right, patient left

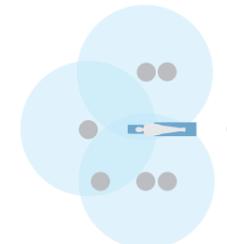


COVERAGE AREA

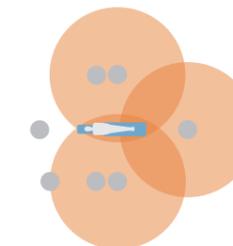
BOOM

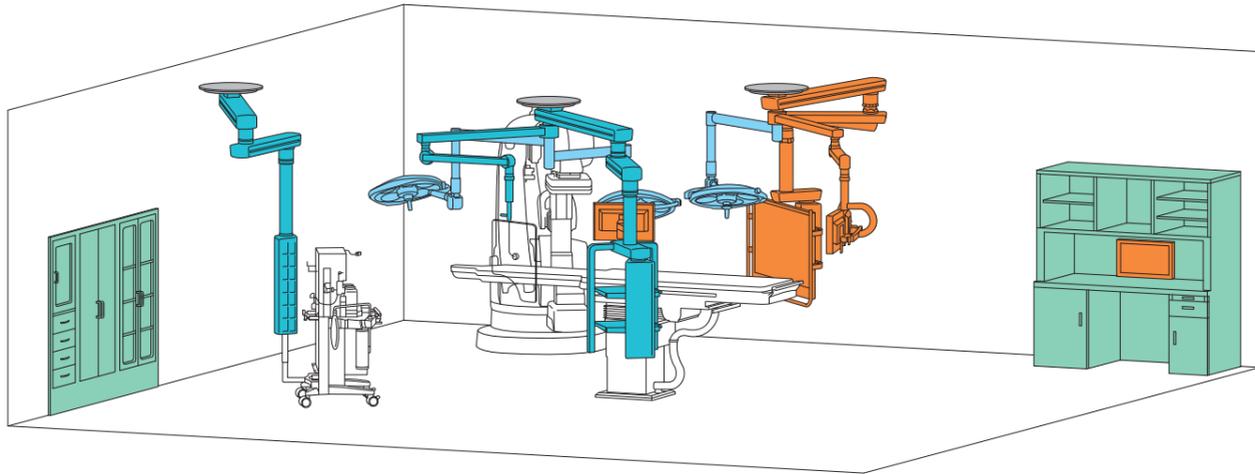


LIGHT



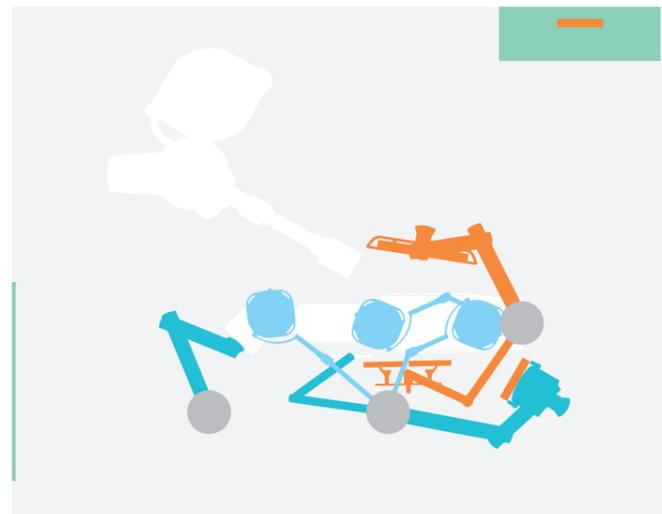
FLAT-SCREEN DISPLAY





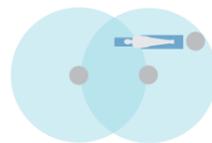
Floor Imaging System Compatible with Siemens Artis Zeego®

- ANESTHESIA BOOM: Patient shoulder
- EQUIPMENT BOOM: Patient right
- LIGHTS: Patient right, patient foot
- FLAT-SCREEN DISPLAYS: Patient foot, patient right
- RADIATION SHIELD: Patient right

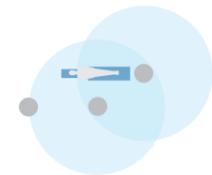


COVERAGE AREA

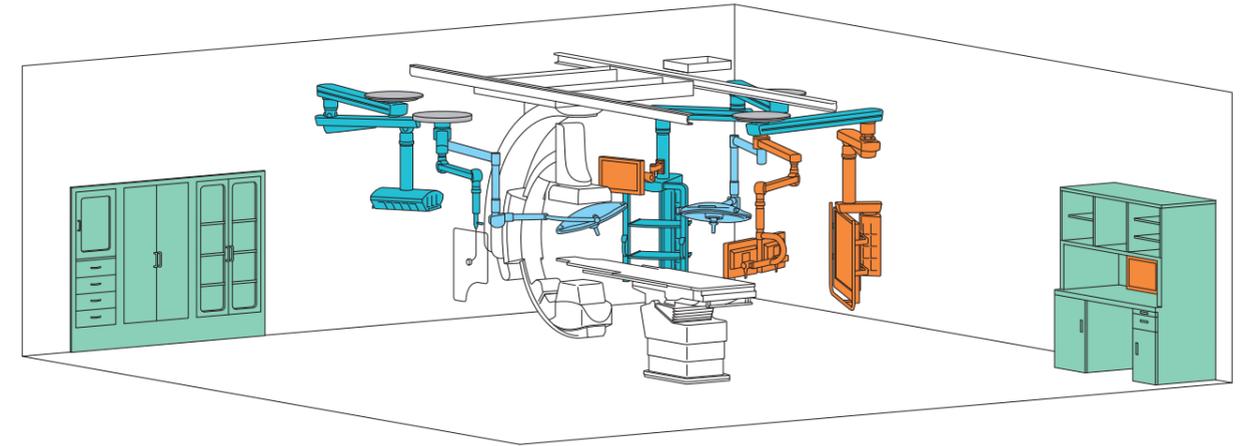
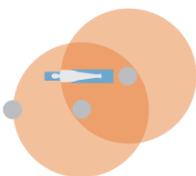
BOOM



LIGHT

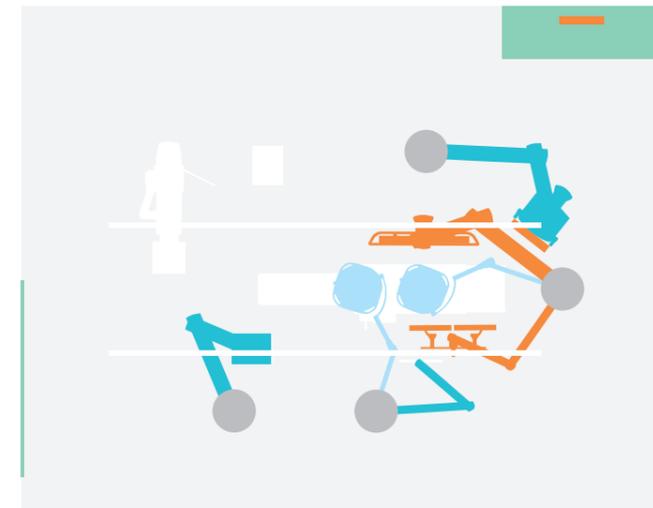


FLAT-SCREEN DISPLAY



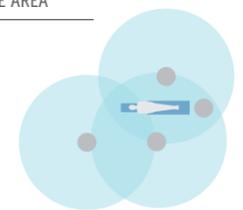
Ceiling-Mounted Imaging System Compatible with Toshiba Infinity®

- ANESTHESIA BOOM: Patient shoulder
- EQUIPMENT BOOM: Patient left
- LIGHTS: Patient right, patient foot
- FLAT SCREEN DISPLAYS: Patient foot, patient left
- RADIATION SHIELD: Patient right

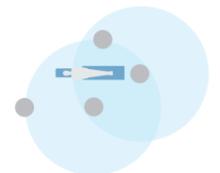


COVERAGE AREA

BOOM



LIGHT



FLAT-SCREEN DISPLAY



PLANNING
Intensive Care Units

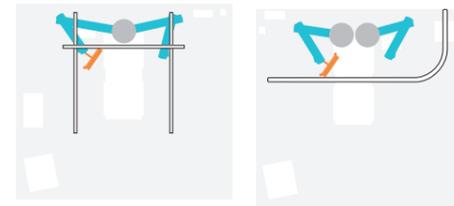
Workspace utilization is essential to any intensive care unit. You need a room that can quickly adapt and provide instant access and shoulder-to-shoulder coverage of the equipment you need. Our goal is to help you design an environment that's flexible, safe, efficient, and set up to create better outcomes—for both patients and staff.



Welcome Date:		Room 823 896.2671526 Cardiac Center 896.2677777
Physician	Activity	What you should know about us:
Nurse	Our unit	What comforts me:
Assistant	My goal for today is:	My pain/comfort scale is:
Case manager	My goals to reach before leaving are:	My last score was:
Therapist	CI	Medications:
Room based by:	CI	
	CI	
	Transfer/invest/ discharge date	
Early notes		

PLANNING CONSIDERATIONS FOR THE

Intensive Care Unit



PROJECT CONSIDERATIONS

New facility or renovation
Project contact/manager
Planning team
Equipment planner/architect
Budget
Project completion date
Key project milestones

FUNCTIONAL CONSIDERATIONS

Specialty requirements (i.e. NICU, PICU, etc.)
Layout of unit(s)

SPACE CONSIDERATIONS

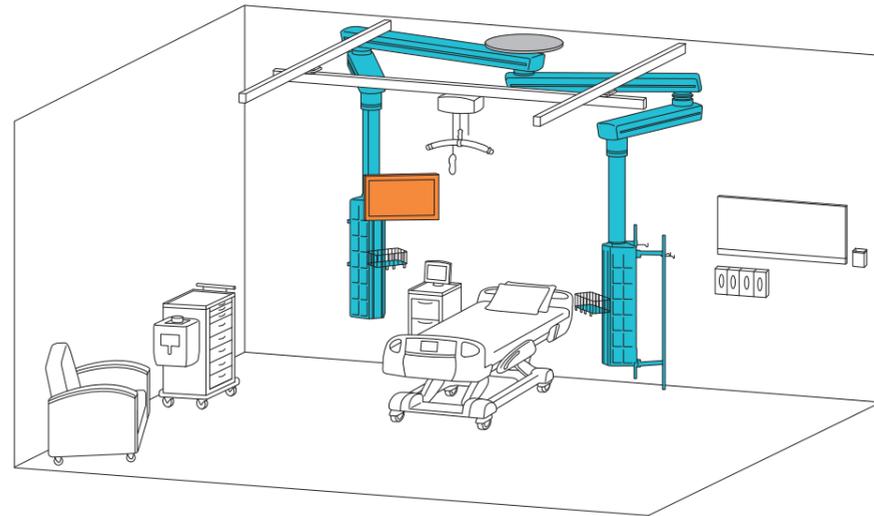
Ceiling height
Location of entrance door and window
Location of nurse documentation/computer station
Location of backup utilities on the wall, if applicable
Location of headwall, if applicable
Preferred boom coverage around bed

EQUIPMENT CONSIDERATIONS

Bed type and capacity
Type and number of booms
Type of exam lights
Height capacity of patient lifts
Track layout of patient lift

COLOR KEY

- Boom
- Flat-Screen Display
- Partner Equipment



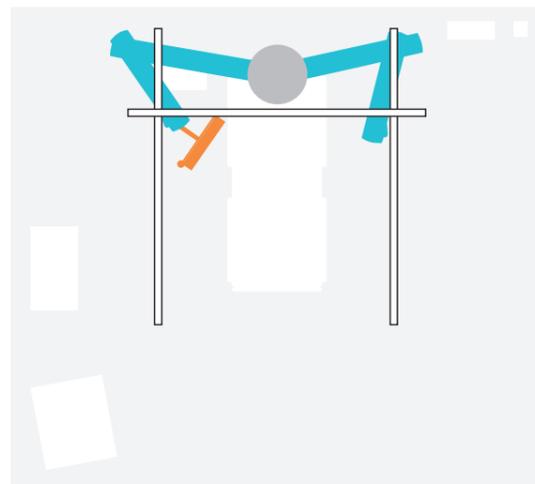
Single Mount with XY Track

This long-reaching design allows for two separate equipment arms next to the patient, even when the bed is pulled out or turned within the room. The small footprint of the mount keeps ceiling space clear for patient lift systems.

MINIMUM CEILING HEIGHT: 8'10"

BOOM: Patient head

FLAT-SCREEN DISPLAY: Patient head

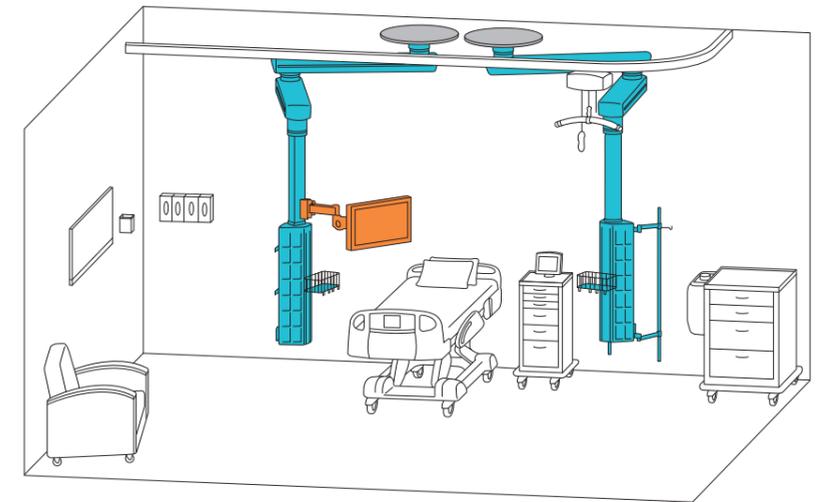


COVERAGE AREA

BOOM



FLAT-SCREEN DISPLAY



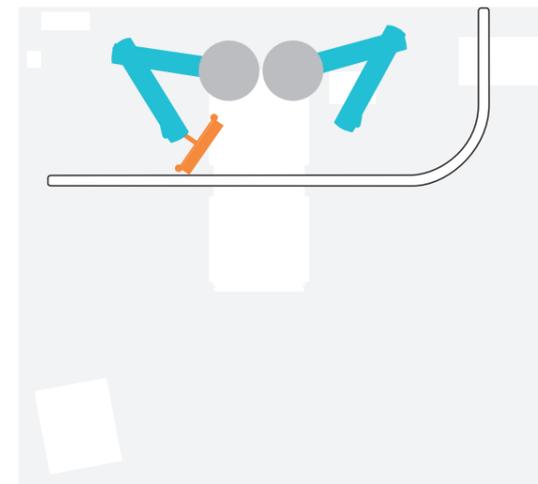
Dual Mount with J Track

With two separate mounts, this configuration provides superior equipment coverage on both sides of the patient and allows staff greater access to the patient's head without requiring additional utilities mounted to the headwall.

MINIMUM CEILING HEIGHT: 8'5"

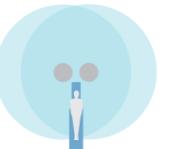
BOOM: Patient head

FLAT-SCREEN DISPLAY: Patient head



COVERAGE AREA

BOOM



FLAT-SCREEN DISPLAY

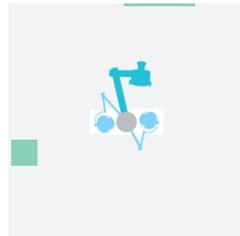


PLANNING
Emergency Departments

At Skytron, we know that every minute matters in the emergency department. That's why we put decades of experience to work for you, designing environments that allow you to work quickly and efficiently—without unnecessary hassle or interference—no matter what comes your way.



PLANNING CONSIDERATIONS FOR THE
Emergency Department



PROJECT CONSIDERATIONS

New facility or renovation
Project contact/manager
Planning team
Equipment planner/architect
Budget
Project completion date
Key project milestones

FUNCTIONAL CONSIDERATIONS

Trauma center level
Separation of exam, procedure, and trauma functions
Number of rooms
Individual or shared bays

SPACE CONSIDERATIONS

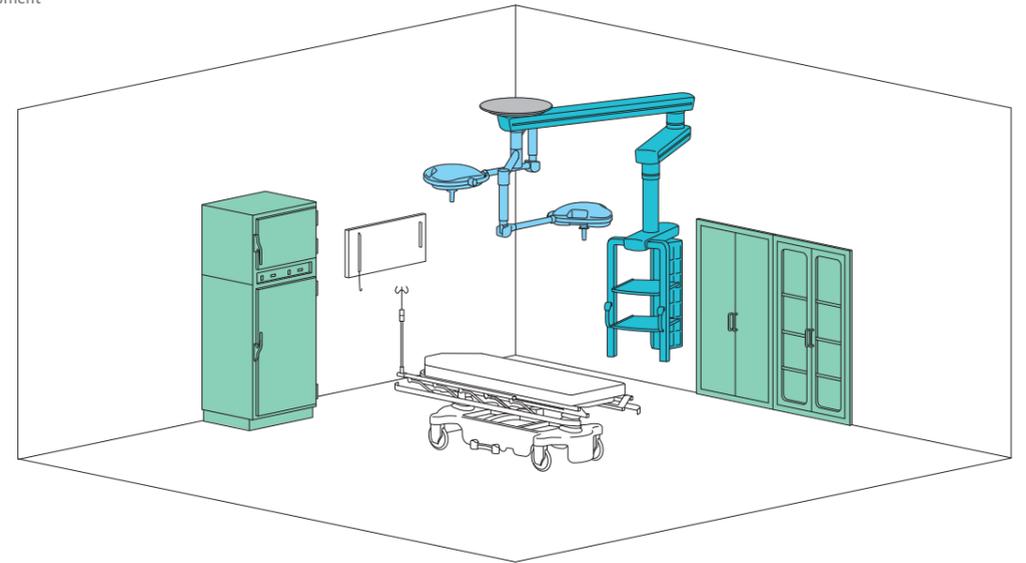
Ceiling height
Location of entrance door
Location of backup utilities on the wall, if applicable
Location of nurse documentation center, if applicable

EQUIPMENT CONSIDERATIONS

Type and number of lights
Type and number of booms
Type and number of flat-screen displays, if applicable
Type of nurse documentation center, if applicable

COLOR KEY

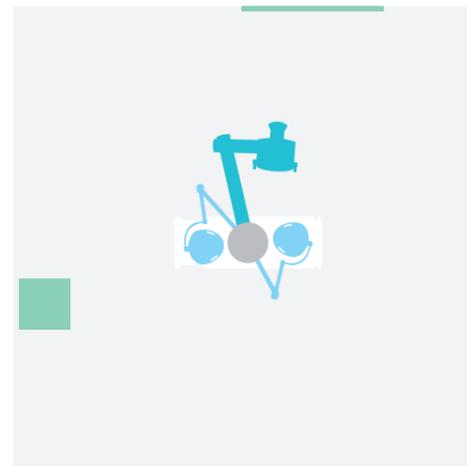
- Boom
- Light
- Stainless
- Partner Equipment



Emergency Department

A single mounting structure offers 360° coverage of the equipment carrier and lights, and allows placement of wall-mounted utilities and accessories anywhere within the trauma bay. This streamlined design provides flexibility, without the added construction cost of additional mounts.

MINIMUM CEILING HEIGHT: 9'6"
 EQUIPMENT BOOM: Over stretcher
 LIGHTS: Over stretcher



COVERAGE AREA

BOOM



LIGHT



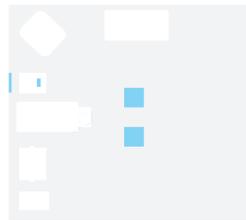
PLANNING
Labor & Delivery Suites

Keep patients at ease with a well-designed labor and delivery suite that's open, comforting, and supports a wide range of birthing options. Our recessed ceiling lighting provides clinical quality, remote-controlled lighting with the look and feel of home.



PLANNING CONSIDERATIONS FOR THE

Labor & Delivery Suite



PROJECT CONSIDERATIONS

New facility or renovation
Project contact/manager
Planning team
Equipment planner/architect
Budget
Project completion date
Key project milestones

SPACE CONSIDERATIONS

Ceiling height
Interstitial space

EQUIPMENT CONSIDERATIONS

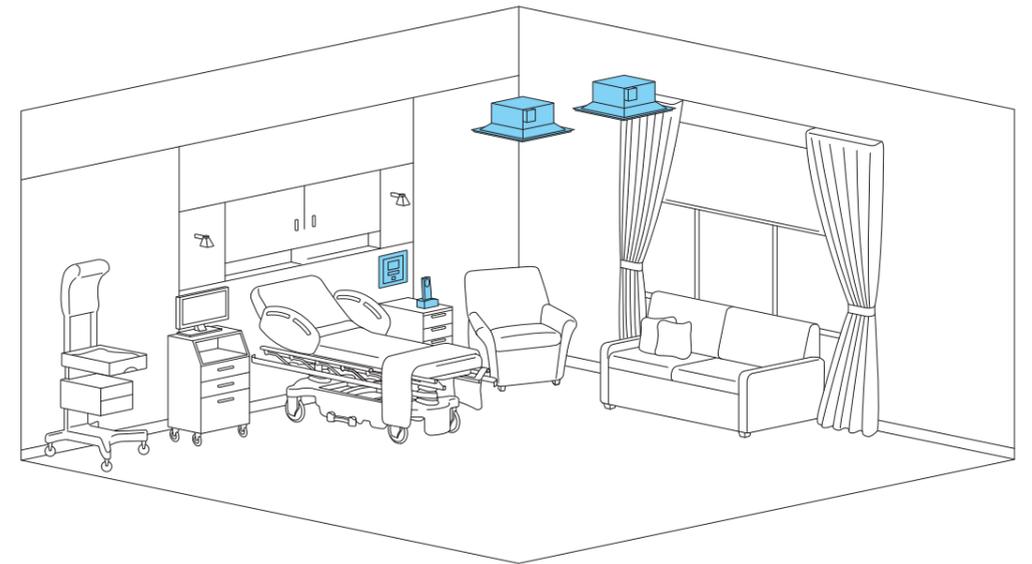
Bed type and capacity
Low angle lighting

REMOTE WAND AND WALL CONTROL



COLOR KEY

- Light
- Partner Equipment



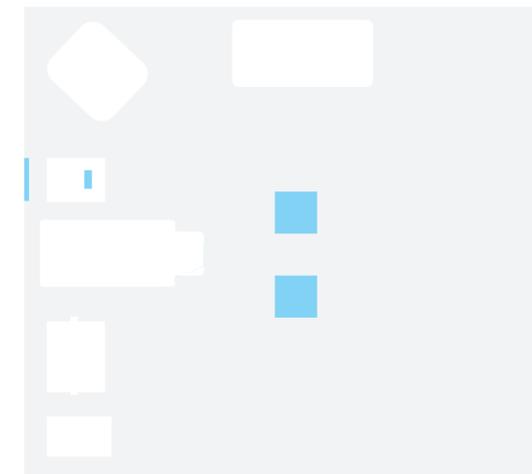
Labor & Delivery Suites

Recessed light fixtures provide clear illumination of the target site without interfering with room aesthetics. Caregivers can conveniently direct the spot using a remote wand. The fixture's elegant design blends into the surroundings, remaining virtually unnoticed by the patient.

MINIMUM CEILING HEIGHT: 7'6"

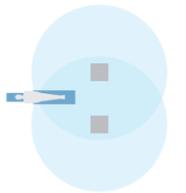
MAXIMUM CEILING HEIGHT: 10'

LIGHTS: Patient foot



COVERAGE AREA

LIGHT



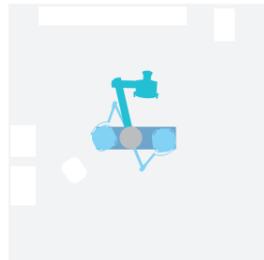
PLANNING
C-Section Suites

As the leader in OR design and work-flow, Skytron brings increased efficiency to any c-section suite. Let us show you how we can design flexible, adaptable spaces with better illumination and coverage and fewer mounts—and eliminate inflated construction costs at the same time.



PLANNING CONSIDERATIONS FOR THE

C-Section Suite



PROJECT CONSIDERATIONS

New facility or renovation
Project contact/manager
Planning team
Equipment planner/architect
Budget
Project completion date
Key project milestones

FUNCTIONAL CONSIDERATIONS

Potential future procedures

SPACE CONSIDERATIONS

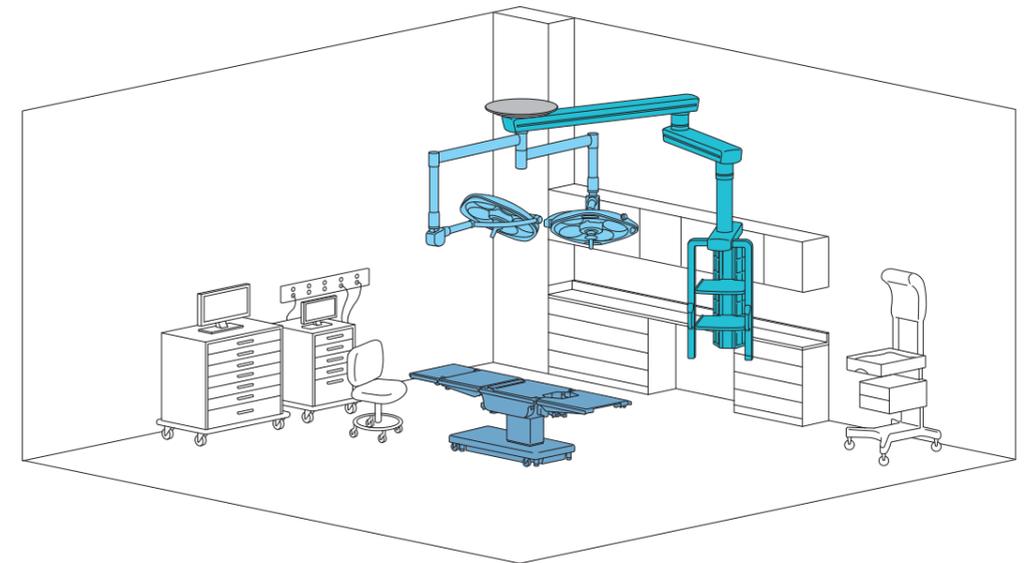
Ceiling height
Location of entrance door and sterile corridor
Location of nurse documentation center, if applicable
Location of backup utilities on the wall, if applicable

EQUIPMENT CONSIDERATIONS

Surgical table type and capacity
Type and number of lights
Type and number of booms, if applicable
Type of in-light/room cameras, if applicable

COLOR KEY

- Boom
- Light
- Table
- Partner Equipment



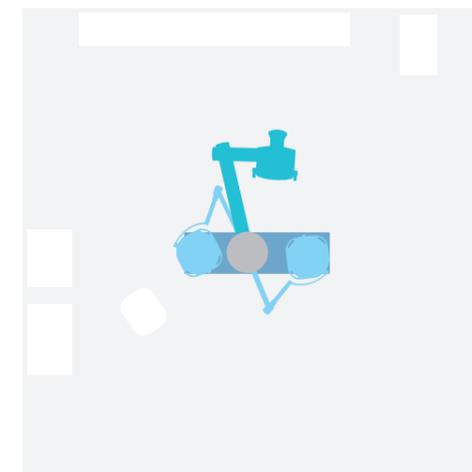
C-Section Suites

The single mounting structure in this configuration offers 360° coverage of the equipment boom and surgical lights. This streamlined design provides flexibility, without the added construction cost of additional mounts.

MINIMUM CEILING HEIGHT: 9'6"

EQUIPMENT BOOM: Over table

LIGHTS: Over table

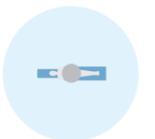


COVERAGE AREA

BOOM



LIGHT





Complete Product Solutions

We've spent decades designing and developing products and technologies to meet the needs of today's healthcare environments. From booms to lighting, to operating room integration systems and more—our products are designed to work well together and work well with others, providing flexible, one-source planning for a wide range of clinical applications.

- TABLES
- LIGHTS
- BOOMS
- STAINLESS
- OPERATING ROOM INTEGRATION
- STERILIZERS
- WASHERS



CATEGORY	PRODUCT	PLANNING CONSIDERATIONS
LIGHTS	SURGICAL	LED
		Focusable or fixed focus
		Wall and center-handle intensity control
		Single, dual, or triple configurations
		Ceiling, boom, or stand mounted
		Pre-wired for HD handle camera
		Optional flat-screen display arm(s)
	PROCEDURE	Fixed focus
		Wall or light-head intensity control
		Single or dual configurations
		Ceiling, boom, or stand mounted
		Optional flat-screen display arm(s)
	EXAM	LED
Light-head intensity control		
Ceiling, wall, or stand mounted		
SPECIALTY	LED	
	Recessed	
	Wall and remote control	
BOOMS	ARM SETS	Up to four arms from one mount
		Accommodates equipment carriers, flat-screen display arms, and surgical lights
		Standard or heavy duty
		Friction braking system
	CARRIERS	Center aligned or cantilevered
		Various lengths available
		Open shelves
	COLUMNS	Expandable utility capacity
		Ceiling mounted
		Electrically retractable or fixed
		Stainless or epoxy-coated stainless
	CATEGORY	PRODUCT



CATEGORY	PRODUCT	PLANNING CONSIDERATIONS
TABLES	TOP SLIDE	Up to 26" total slide
		Maximum 1,000 lb lift capacity
		Maximum 800 lb articulation capacity
		Removable leg section
		Removable back section
		One-click positioning
	TOP ROTATION	210° top rotation
		Maximum 1,200 lb lift capacity
		Maximum 1,000 lb articulation capacity
IMAGING	Removable leg section	
	Removable back section	
	One-click positioning	
OR INTEGRATION	PREMIUM	Two speed, multi-directional top slide
		Large unobstructed imaging window
		Joystick control
	COMPACT	Two-touch routing of up to 16 sources
		Universal faceplates
		Up to four images on a single flat-screen display
FLAT-SCREEN DISPLAYS	HIGH DEFINITION	Mount touchscreen on boom, nurse documentation center, or nurse desk
		Two-touch routing of up to 10 sources
		Mount touchscreen on boom, nurse documentation center, or nurse desk
		Optional mobile cart
		Various sizes
		Medical grade
		Optional 3D capability



CATEGORY	PRODUCT	PLANNING CONSIDERATIONS	
CABINETS & WORK STATIONS 	INSTRUMENT PROCESSING STATIONS	Non-porous solid surfaces Height-adjustable frame Powered or manual adjustment	
	NURSE DOCUMENTATION CENTERS	Stainless steel 48" or 72" wide Optional sloped top	
	STORAGE CABINETS	Stainless steel Supply, table accessory, desk console, and combo cabinet options Single or double doors Tempered glass or stainless doors Recessed or freestanding Optional pass-through	
	CLEAN-UP STATIONS 	CLEAN-UP STATIONS	Stainless steel Dual- or triple-bay configurations Ergonomic or standard models
		SCRUB SINKS	Stainless steel Single-, dual-, or triple-bay configurations Hands-free, knee-kick, or infrared control options Optional eye wash
		BLANKET & SOLUTION 	Stainless steel Counter-top, under-counter, or full-height configurations Single, dual, or triple compartments Tempered glass or stainless doors
WASHERS 	INSTRUMENT DISINFECTION	Stainless steel Under-counter or full-height configurations Single-door or two-door pass-through Electric or steam Pre-programmed cycles	
STERILIZERS 	INSTRUMENT STERILIZATION	Stainless steel Small, medium, or large capacity Recessed or freestanding Optional steam generator Optional vacuum pump	

Support

No one offers more committed and capable support to architects, planners, and OR design teams. From project management resources to state-of-the-art rendering tools, Skytron streamlines the planning process and provides timely, knowledgeable expertise for planning new and renovated healthcare environments.

3-DIMENSIONAL PLANNING TOOLS

If you can visualize it, you can build it

Our planning tools let you see, explore, and test a wide range of designs in 3D before you start installing equipment. Start with our recommended room layouts for a wide range of applications and then create custom configurations that meet your needs.

ONLINE PLANNERS' PORTAL

24/7 access to key project, installation, and planning information

We provide a web portal exclusively for architects and planners, giving your team around-the-clock access to Skytron installation manuals, seismics, layouts, AutoCAD, and Revit templates to help guide and shape the design of your clinical space.

PLANNING SUPPORT

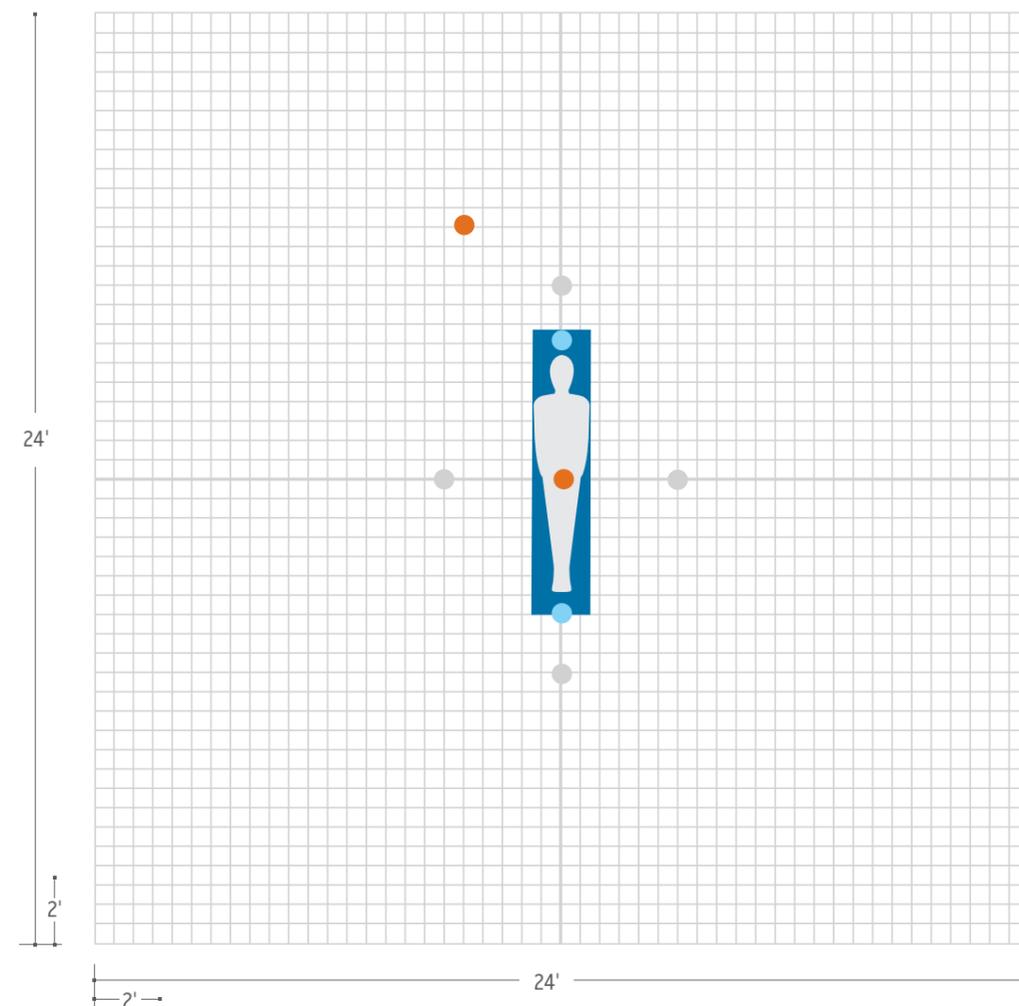
Experienced, one-on-one design support



We're experts in taking your ideas and turning them into a reality. Simply schedule a meeting with your local representative to get started. We'll work alongside you, facilitating the planning conversation, exploring possibilities, coordinating with third-party vendors, and developing customized solutions—carefully crafted to best meet your facility, staff, and patient needs.

CONCEPT GUIDE

What's the right solution for you? It begins with a careful consideration of your design criteria and builds from there. Let us show you.



For more than 40 years, we've been providing superior reliability and versatility in medical equipment and technology. Through our circle of solutions, we're helping healthcare providers optimize healthcare delivery, improve space and workflow efficiency, boost productivity, and improve the quality of care.



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