



Room Focus:

Operating Room

Reflecting KP's "Hospital of the Future" concept, the new Operating Room (OR) provides clear clinician, support staff, and patient flow. The OR is a universal room of a standardized layout and size, with "same handed" orientation in all rooms, and is designed with sufficient and flexible infrastructure to expand with future technologies, instrumentation, and procedures.

Safety by Design

- **Universal rooms** allow more flexibility in scheduling
- **Plugs** are mounted at **waist height** to avoid workplace injuries
- The anesthesiologist's **supplies and drug storage** are **located in room** to provide immediate access for safe and efficient care
- The OR is equipped with **booms** for video endoscopy and anesthesiology
- **Extra-wide double automatic doors** provide for ease of patient and equipment movement
- 25% of ORs include **hepa-filtration**– allowing for maximum flexibility in scheduling orthopedic cases
- The use of 100% **outside air for ventilation** improves indoor environmental quality and significantly reduces the danger of accidental or intentional introduction of airborne infectious agents
- **Increased room size** and configuration helps to maintain a sterile field around the patient, minimizing the risk of infection
- **Pass-through** capability for **supplies** allows restocking from the sterile core
- Locating the **warming cabinet and supplies in room** reduces unnecessary traffic, distractions, and risk of infection
- All rooms are **standardized** and **universal** for ease of scheduling
- **Same-handed orientation** reduces "wrong side" surgeries and allows quick and efficient response in an emergency or stressful situation, with less chance of error
- A "**hard lidded**" **ceiling** reduces the quantity of contaminants/particles released from the ceiling and provides better infection control
- **New flooring standard** reduces slips, trips and falls, reduces noise, and lessens impact stress on legs and lower back



Innovation

- **Dedicated area** for the circulating nurse – includes OR communications and control systems
- **In-room status camera** improves communication between the OR patient room and the OR control desk to reduce turn-over time
- Larger rooms accommodate more technology and **anticipate future technology integration**

Technology

- Digital radiology images (PACS)
- OR Communications System
- Closed Circuit TV