

Just the Facts

WYNN HOSPITAL

Each week, "Just the Facts" provides information about a key aspect of the Wynn Hospital being built by Mohawk Valley Health System (MVHS). It is designed to keep our medical staff, employees and volunteers updated and to share with family, friends and neighbors so we keep our community informed about how we're transforming healthcare in our region.



TOPIC FOR TUESDAY, JUNE 13, 2023:

Integrated Operating Rooms in the Wynn Hospital

What is an Integrated Operating Room (OR)?

The Wynn Hospital will have integrated ORs. This means each room will have its medical devices, room and surgical lights, audio/video, and HVAC systems connected to one central control hub. This type of built-in system reduces the use of mobile equipment. In an integrated OR, the audio-visual technology is either part of equipment arms that are attached to the ceiling or the walls of the operating rooms. Multi-image touchscreen displays and real-time monitoring systems allow staff in the ORs to have almost limitless access to patient information archives and resources. Smarter interconnectivity improves clinical outcomes and lessens the amount of traffic moving in and out of the sterile operating environment.



Integrated Operating Room Design

A central command console located within the OR is placed so the circulating nurse can change the equipment settings at the request of the surgeon. Lighting can be adjusted, an image can be captured and displayed or the temperature in the room can be modified. This can all be done without having to move medical carts or monitoring equipment around the surgical staff and patient. Multiple monitors are attached to a ceiling boom that can be adjusted so the doctors have an optimum, side-by-side view of information without having to step away to view a video or image. Seamless coordination between equipment makes for a user-friendly and efficient work environment.

Benefits of Integrated Operating Rooms

When there is direct access to diagnostic imaging, personnel do not have to leave the operating environment because they have connectivity with other hospital equipment and information systems. Integrating equipment allows the operating room floor to be clear of cables. OR integration provides the OR staff with increased productivity, safety and efficiency to keep focus on the delivery of patient care.