

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, NOVEMBER 8, 2022:

Are there any special construction modifications for areas that emit radiation like the Medical Imaging Department?

MVHS Medical Imaging provides the most advanced diagnostic and interventional radiology using radiation, sound waves or magnetic fields in medical diagnosis and includes imaging technology such as X-rays, computed tomography (CT), magnetic resonance imaging (MRI) and ultrasound. The Imaging area of the Wynn Hospital is being constructed with lead-lined wall board and materials to reduce radiation exposure. This protects the health of both staff members and patients by reducing potential risks that may result from long term exposure in an unprotected environment.

Early in the Wynn Hospital project, MVHS retained specialists (designers and physicists) who reviewed the equipment being installed and created a report which specified the materials necessary to shield staff and patients from any potential radiation from the equipment. The report included recommendations for the type and thickness of shielding material for the ceiling, floor, doors, windows and each wall. Junction and breaker boxes and conduits which penetrate the shielding are backed with lead. During construction, there are also safety measures put in place for the installation of the lead lined materials which include air monitoring, material handling procedures and other regulatory requirements.

