

project profile

Nash General Hospital – Rocky Mount, NC



Project Information

- **Building Use:** PET/CT Imaging Facility
- **Total Square Feet:** 1,604



Situation

Nash General Hospital wanted a permanent imaging suite to replace the mobile PET/CT trailer they had been renting for years at a high monthly rate. It was also important to have the new imaging facility seamlessly integrate into their existing radiology department. Additional requirements included non-combustible materials and a concrete floor capable of supporting the 6,500-pound PET/CT equipment. The patient-ready facility had to be built, the equipment installed and be fully operational as soon as possible.



Solution

The MedBuild healthcare specialty team was able to accommodate all of Nash's requests and tailor every detail in Nash's imaging suite to operational efficiency and safety. The 1,064 square foot patient-ready imaging suite was comprised of two modular components and contained an imaging room, a control room with administrative space and two private patient waiting rooms.

MedBuild worked with Nash General Hospital to build the unit around its imaging equipment, from the best location of the sink to the lead-lined walls, door and viewing window required to contain the radiation. The control room was also designed to accommodate additional support equipment necessary for the imaging suite to run efficiently. The specialized HVAC systems were designed to meet the hospital's strict air-change requirements, which have to re-cycle the air six times an hour.

MedBuild was able to seamlessly integrate the existing hospital with the imaging suite by building a glass corridor connecting the building to the existing hospital, which provided a natural, open-air atmosphere. The exterior was finished in brick and the interior was constructed with the same interior colors and materials as the hospital.

The facility was built, the equipment installed and fully operational within only six months. The lease expired on the temporary imaging facility and Nash General Hospital was seeing patients with zero downtime, which translates to zero loss of revenues for the hospital. The building was craned into place, minimizing site disruption, thus reducing site clean-up costs.

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“Once the exterior was finished to match the hospital, no one believes that the building is modular construction.”

Kendal P. Greco
Supervisor PET/CT and Nuclear
Medicine, Nash General Hospital

MedBuild’s healthcare building expertise and turnkey capabilities allowed them to complete the permanent project with a custom-designed building solution quickly and efficiently, minimizing the hospital’s overall capital budget expenditures.



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