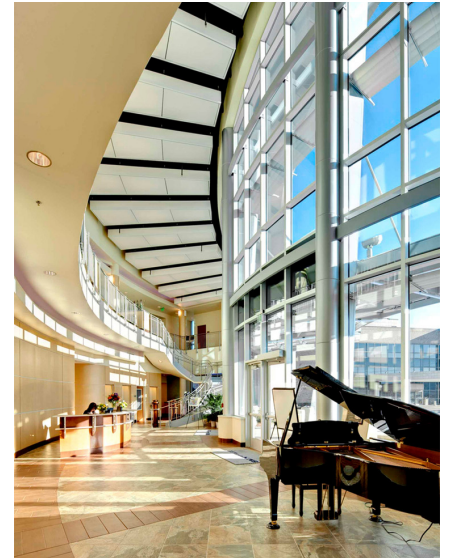


Slidell Memorial Regional Cancer Center

Expansion of Cancer Treatment Facilities



A leader in cancer treatment technology, Slidell Memorial Hospital needed a comprehensive cancer center that consolidated all of their existing treatment options resulting in a new, three-floor building on the hospital campus. The development of this facility also allowed for expanded services increasing the number of patients Slidell could care for.

SSOE provided mechanical, electrical, plumbing, and fire protection, as well as data, fire, and security to this facility in support of AE Design's architectural services, with whom they have worked on multiple cancer centers. The familiarity of this teaming produced a beautiful, esteemed facility with design features that were showcased in Healthcare Design's annual project showcase edition, all while meeting schedule and budgetary demands.

This new cancer center houses radiation treatment areas, including multiple linear accelerator vaults requiring a process fluid cooler and chilled water systems that must be fault tolerant, highly reliable, and incorporate the appropriate radiation shielding. These vaults include one new Varian high-energy clinical linear accelerator, relocation of a unit from the existing facility, a brachytherapy vault, a CT simulator suite, on-site mobile PET scanner accommodations, and site and foundation components for a future linear accelerator vault. Other features of this facility include a USP-797 compliant pharmaceutical compounding site with specialty filtration and air controls. SSOE also completed the data backbone for communications, including the nurse call system, fire alarms, and overhead paging.

size 51,000 SF

location Slidell, Louisiana

highlights

Radiation shielding

Fault-tolerant process fluid coolers and chilled water system

High energy clinical linear accelerators (Varian iX, Trilogy Silhouette), HDR, and GE LightSpeed RT16 CT scanner

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