



ONCOLOGY CENTERS

DESIGNING COMPREHENSIVE, INNOVATIVE HEALING SPACES WITH PATIENTS IN MIND



CLIENTS

- Mercy Health
- Covenant Healthcare System
- Henry Ford Health System
- Genesys Hurley Cancer Institute
- McLaren Medical Center (Macomb)
- ProMedica
- Well Tower, Inc.
- Seton Cancer Institute
- Cancer Carepoint, Inc.
- University of Alabama
- Beaumont Health
- Community Hospitals and Wellness Centers

The methodologies of cancer treatment are rapidly evolving. SSOE is well-versed in the latest technologies in both radiation therapy and medical oncology infusion. We collaborate with the equipment vendors, key stakeholders, and the contractor to develop a comprehensive design for each treatment area. Our involvement with various equipment technologies allows us to bring a level of expertise to ensure the design is an inviting space for the patient, meanwhile incorporating the necessary regulatory requirements to keep patients, visitors, and staff safe. We have a multitude of experience in developing layouts for equipment replacements, expansions, and free-standing oncology centers.

5 YEARS
TOP DESIGN FIRM

“Top Healthcare Design Firm”
for the past 5 years
(*Modern Healthcare*)



WORLD'S 1ST
MRI GUIDED
RADIATION SYSTEM

SSOE and Henry Ford Health System Installed the world's first FDA approved MRI-guided radiation therapy system

\$9M
COST SAVINGS

More than \$9 million
in documented savings to
Healthcare clients since 2009





FEATURED ONCOLOGY PROJECTS

World's First FDA Approved MRI Guided Radiation System

SSOE partnered with Henry Ford Health System in the design, construction, and installation of the world's first, FDA approved MRI Guided Linear Accelerator. While the client developed technologies for FDA approval the SSOE team retrofit an existing vault to house the equipment. We worked hand-in-hand with the equipment vendor to ensure the existing space would accommodate the equipment and provided the required clearances and the appropriate (radiation and radio frequency) shielding.

Linear Accelerator Addition

SSOE provided architectural, structural, civil, mechanical, electrical, fire alarm, and fire protection design services for the addition of a linear accelerator vault, support spaces, and interior renovations at the Covenant Radiation Oncology Center—Michigan's only certified member of the MD Anderson Cancer Network. We worked in coordination with the equipment vendor to determine locations and installation requirements for the proposed systems and equipment. We also worked with the owner's physicist to determine the required shielding for the vault addition.

Tallahassee Cancer Center

SSOE provided complete planning and design services to develop a new, full-service cancer center. Developed by real estate investor Health Care REIT, the freestanding facility spans two floors and is situated on a 4.9 acre site.

The first floor contains a radiation oncology suite and common area. The suite supports future construction of three new linear accelerator vaults, a CT simulator, CT / PET simulator rooms, and related support spaces. The second floor houses a large medical oncology suite, gynecology suite, additional oncology office, and common area. The design integrates sustainable design principles, and the facility is LEED® Silver certified.

PROJECT TYPES

- Comprehensive cancer centers
- Free-standing cancer centers
- Inpatient cancer care
- Medical oncology infusion centers

TECHNICAL SPECIALTIES

- Gamma knife
- HDR / LDR
- Inpatient programs
- Linear accelerators / IMRT
- Hot labs and cyclotrons
- PET / PET CT
- Simulation