



**NORTON**  
CANCER INSTITUTE



**FACT SHEET**  
**NORTON CANCER INSTITUTE – DOWNTOWN**  
**CANCER TREATMENT AND RESEARCH CENTER**  
**JUNE 29, 2011**

**FACILITY OWNERSHIP**

Not-for-profit Norton Healthcare, the Louisville region's largest health care system and leading provider of inpatient and outpatient cancer services

**CENTER OVERVIEW**

Norton Cancer Institute – Downtown, Norton Healthcare's new cancer treatment and research facility, opens Monday, Aug. 1, 2011. The 65,000-square-foot facility is located at 676 South Floyd St. (northwest corner of Broadway & Floyd) on Norton Healthcare's campus in downtown Louisville, Ky.

The facility features a first-floor radiation center; a second-floor multidisciplinary center, including coordinated specialty care, along with cancer research via patient clinical trials; and third-floor shelled-in space for future growth of cancer services. The center will serve adult and pediatric patients of all ages for malignant cancers and certain non-malignant tumors, including brain, lung, breast, prostate, colorectal, stomach, pancreatic, kidney and others. The facility is connected to the pedway system serving the entire Norton Healthcare downtown campus,

including patients and families at Norton Hospital, Kosair Children's Hospital and the Norton Healthcare Pavilion. The new \$26.4 million facility represents the most significant capital project and investment in health care services on Norton Healthcare's downtown campus in the last decade. The center's main phone number is (502) 629-4555.

### **FIRST-FLOOR: NORTON CANCER INSTITUTE RADIATION CENTER – DOWNTOWN**

The first-floor Norton Cancer Institute Radiation Center – Downtown will include among the most sophisticated technologies available anywhere in the world to treat adult and pediatric cancers and tumors, providing for more aggressive treatment – the key to improving survival rates. The world-class technology includes:

- A \$3.8 million linear accelerator from Varian Medical Systems, the world's foremost provider of medical devices and software for treating cancer and other medical conditions. The center's new powerful Varian linear accelerator will incorporate the Novalis Tx™ Stereotactic Radiosurgery System, which will allow Norton Cancer Institute to offer faster, more precise, more powerful and more comfortable radiation therapy treatments, with the ability to treat deep-seated tumors more effectively while sparing surrounding healthy tissue. The radiation center will also include a shelled-in second vault for the future expansion of radiation therapy services;
- A Siemens SOMATOM® Sensation Open 4-dimensional, 40-slice CT simulator, the industry's most accurate technology to localize, define and reconstruct the movement of a patient's tumor. The process identifies the tumor along with the normal tissue surrounding it, allowing the radiation oncologist to design a treatment plan unique to each patient's anatomy with the highest degree of accuracy possible;
- Aaron Spalding, M.D., Ph.D., a fellowship-trained adult and pediatric radiation oncologist, will lead the center's radiation therapy treatment efforts. Dr. Spalding trained at St. Jude Children's Research Hospital before joining Norton Cancer Institute. The pediatric section of the new center has been modeled after St. Jude's new radiation center, with input from its radiation oncologists. The center incorporates full anesthesia and conscious sedation services for pediatric patients via an integrated pediatric anesthesia suite that has been designed and will be staffed by Kosair Children's Hospital physicians and staff.
- The combination of technology and medical expertise means that any patient of any age with any cancer will not need to leave Louisville for the best care.

### **SECOND FLOOR: NORTON CANCER INSTITUTE MULTIDISCIPLINARY CENTER – DOWNTOWN**

The second floor Norton Cancer Institute Multidisciplinary Center – Downtown includes these services:

- Multidisciplinary specialty centers/clinics providing patients with convenient access to expert teams specially trained in diagnosing and treating advanced cancers and tumors, including a brain tumor center, survivorship clinic, lung cancer clinic and sarcoma clinic.

The brain tumor center, the first to be operational in the multidisciplinary center, is an existing partnership between Norton Neuroscience Institute and Norton Cancer Institute that is moving to the new facility;

- Norton Cancer Institute and industry-sponsored patient clinical trials in most sites and stages of disease. These research studies allow Norton Cancer Institute the ability to offer patients the latest, most advanced therapies for cancer, including treatments that may be unavailable elsewhere in the Louisville area.

### **THIRD FLOOR: SHELLED-IN SPACE FOR FUTURE GROWTH**

- The third-floor shelled-in space allows for future growth of cancer-related services. The building design also allows for future construction of two additional floors to expand and integrate Norton's comprehensive cancer services, eventually providing all downtown Norton Cancer Institute services in this one location.

### **COMMUNITY SUPPORT FOR NORTON CANCER INSTITUTE – DOWNTOWN**

Hundreds of donors – including individuals, corporations and foundations – step forward each year to support the mission of Norton Healthcare and Norton Cancer Institute. Special areas in the new Norton Cancer Institute facility that have been made possible by the generosity of donors include:

- Dedicated in memory of Dorothy “Dotsie” P. Nixon and in honor of Gouverneur H. “Bo” Nixon, the five Nixon children have created three special areas that will focus on healing, meditation and education. These include two interior spaces: the Dorothy P. and Gouverneur H. Nixon Meditation Room, and the Dorothy P. and Gouverneur H. Nixon Education Center; and the exterior Dorothy P. and Gouverneur H. Nixon Healing Garden;
- Jarrett Mynear Pediatric Playspace on the facility's first floor. Dedicated in memory of pediatric cancer patient Jarrett Mynear and in honor and memory of all children who have battled cancer, this play space will give both patients and siblings a place to play and be kids – alleviating stress and reducing anxiety. This space was donated by Jarrett's Joy Cart, which has also provided a bench in the Nixon Meditation Room in loving memory of dear friend Kathy Smith;
- The facility's two signature art pieces. The Nixon family gift funded a 30 foot by 30 foot glass art window created by Louisville artist Kenneth von Roenn Jr. The window, which faces Floyd St., is located in the Nixon Meditation Room on the facility's first floor. Additional private support funded a partition wall sculpture featuring 36 pairs of hands cast in glass. The sculpture, by Louisville artist Ché Rhodes, was created by taking molds of the hands of cancer patients and their caregivers or loved ones and is located on the facility's first floor near the radiation treatment area;
- EyeClick, a highly interactive video floor game located in the Jarrett Mynear Pediatric Playspace. EyeClick incorporates motion-activated games that kids can initiate with their entire bodies.

For information about additional opportunities to support Norton Cancer Institute and the new Norton Cancer Institute – Downtown facility, contact the Norton Healthcare Foundation at

(502) 629-8060, (800) 444-2523, or [NortonHealthcareFoundation.com](http://NortonHealthcareFoundation.com).

## **SPECIAL ARTWORK**

In addition to the artwork created by Kenneth von Roenn Jr. and Ché Rhodes, the facility incorporates artwork by two additional Louisville artists: Bryan Holden, who has created special cast glass panels for the walls in the Nixon Meditation Room, along with a special glass divider wall in the Nixon Education Center in the facility's first floor; and Craig Kaviar, who has created a special iron work hand-railing for the steps in the exterior Nixon Healing Garden. For more detailed information about the work produced by all four artists, [click here](#).

## **GREEN CONSTRUCTION PRINCIPLES**

Construction has followed the principles necessary to achieve LEED (Leadership in Energy and Environmental Design) certification, the recognized national standard for demonstrating that a construction project is truly "green." These have included a highly efficient heating and cooling system and special design features to reduce energy consumption while enhancing air quality and ventilation; an enhanced commissioning process that ensures that all systems are operating as designed before the facility opens; filtration of all drainage through a water quality basin before discharge into the city system; special landscaping to reduce the amount of irrigation required for maintenance; and building design and location to take advantage of the public transportation system and encourage staff to bike to work.

## **OVERALL FACILITY DESIGN**

The facility's interior and exterior environment incorporates evidence-based design principles recognized for improving health, healing and quality of life. These healing principles – related to shapes, lighting, colors, forms, function, texture, materials and art – have been applied throughout the center to reflect an environment of warmth and healing. These design features include the selection of natural finish materials and colors to provide an overall soothing and calming environment for patients and visitors; the interior Nixon Meditation Room near the entrance featuring the art glass window, a labyrinth wood pattern, and brick, wood, glass and acoustical fabric walls; the Nixon Education Center, featuring the Bryan Holden glass divider wall; the exterior Nixon Healing Garden, featuring native planting materials; and selected artwork – images, sculpture and special artwork – placed throughout the facility's interior and exterior to support an inspirational atmosphere.

## **CONSTRUCTION & DESIGN PARTNERS**

Facility construction began March 1, 2010. Construction and design partners include:

**Overall Project Manager:** The Nehemiah Group, Louisville

**Construction Manager:** Abel Construction, Louisville

**Overall Building Architect:** Karlsberger, Columbus, Ohio

**Radiation Center Architect:** Architection, Louisville

Per the original goal, 25 percent of the project's construction, furnishing and equipment opportunities have been handled by minority- and women-owned businesses. The project has been funded by Norton operations made available through Norton Healthcare's \$100 million commitment to the Norton Cancer Institute in 2007 and through private philanthropic support.

### **NEED FOR THE CENTER**

The center's primary service area has cancer incidence and death rates that are above the Kentucky state averages and significantly above the national averages. It will complement the comprehensive, highly specialized cancer services available on Norton's downtown campus and the existing radiation therapy services available at Norton Suburban Hospital. Radiation therapy procedures in the area have grown by at least 10 percent since 2003, and given Kentucky's high incidence rates of cancer, continued growth is expected. The center will primarily serve patients in Jefferson County along with those in Nelson, Hardin, Bullitt, Oldham and surrounding counties in Kentucky, along with patients in several Southern Indiana counties, including those in Clark, Floyd, Harrison and Scott.

### **CENTER LEADERSHIP AND STAFFING**

Mark E. Bassett, Ph.D., MBA, director of radiation oncology services for Norton Cancer Institute, will oversee radiation services for the new facility and at Norton Suburban Hospital. The new center is expected to employ about 20 people.

### **MORE INFORMATION**

More information is available at (502) 629-HOPE (4673), (800) 555-6772, or [NortonCancerInstitute.com](http://NortonCancerInstitute.com).