



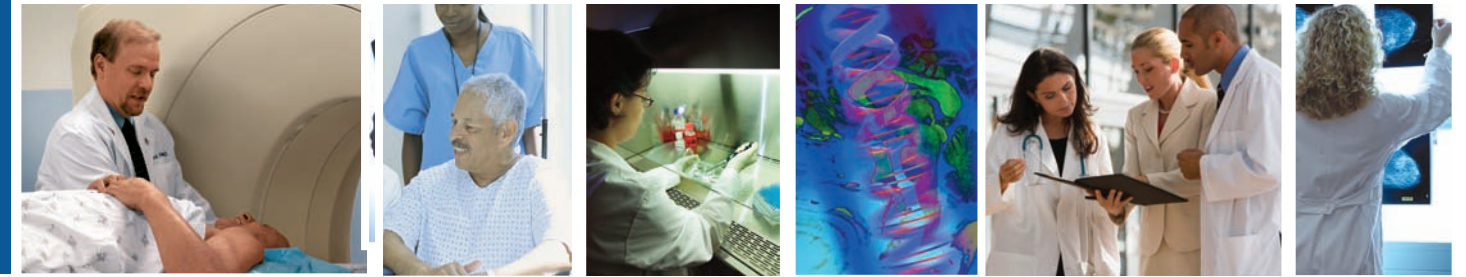
Penn Medicine

Ruth *and* Raymond Perelman Center *for* Advanced Medicine



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Penn Medicine understands that, just as great technology and brilliant clinicians are keys to making patients well, architecture and design are also an important part of the healing process. Today's most innovative medical care is tightly linked to the design of the space in which it is delivered. Penn Medicine's newest facility, the \$302-million, 500,000-square-foot Ruth and Raymond Perelman Center for Advanced Medicine, embraces that philosophy and provides a blueprint for the best ways to heal patients in the 21st century.



The Perelman Center is:

CLINICALLY INNOVATIVE

The Perelman Center is designed to deliver real-time medicine that allows physicians, nurses and technical staff to quickly process many different types of information about each patient and quickly adapt to changes in their patients' conditions. The Center unites advanced diagnostic and treatment technologies with experts who constantly seek answers for the toughest medical problems. The Perelman Center will offer clinical trials and treatment options that patients can't find anywhere else.

- Multidisciplinary design of clinics promotes face-to-face consultations between clinicians, radiologists and pathologists working together to make a diagnosis and craft a treatment plan during a single visit. Penn's Lung Center, Abramson Cancer Center, Heart and Vascular Center and gastroenterology departments are among the first practices in the nation to pioneer this cutting-edge model of collaboration.
- The world's most advanced radiation equipment offers adaptive cancer therapy that adjusts for movements inside the body during treatment. That means quicker cures and fewer side effects.
- The latest in diagnostic techniques — from genetic testing to advanced MRI and CT imaging — are housed in the same building as a wide range of high-tech treatments.
- The largest installation of high-definition flat screen monitors of any operating room suite in the country provides instant views of X-rays, CT and MRI images and pathology slides during surgery.
- For conditions impacting multiple organ systems or straddling medical disciplines, such as pulmonary hypertension or lung cancer, medical experts with specialized knowledge can more easily collaborate to provide patients with a quicker diagnosis and comprehensive care.
- Electronic medical records maintain patient privacy and provide doctors with up-to-the-minute health history, test results and diagnostic images for each patient.
- Translational, "bench to bedside" medicine will drive innovative new drug and treatment trials to deliver cancer, cardiovascular and digestive disease treatments.

PATIENTS-FIRST

A growing body of evidence shows that health care is most effective when patients and families actively participate in making decisions about the treatment process. As the preferred care model moves from treating disease to healing the whole person — physically, emotionally, and psychologically — health care practitioners at Penn Medicine strive to find new ways to help families become an integral part of the care team. The Perelman Center's easy-to-navigate floor plans and home-like touches help empower patients and their families and ease worries during their illness.

- At 110 square feet, the Perelman Center's 225 exam rooms measure nearly 60 percent larger than standard rooms, to accommodate family and friends during appointments.
- Special "consultation rooms" bring specialists — social workers, nutrition experts and schedulers — to patients and their families to avoid confusing relocations within the facility.
- Family waiting rooms offer a comfortable retreat during longer appointments like chemotherapy infusions.
- Clinics are organized around common disease and illness pairs, with care for cardiovascular diseases and diabetes as well as dermatology and plastic and reconstructive surgery practices located next to one another.
- Families and friends can track their loved one's progress during surgery via screens which alert them when, for example, a patient has been taken into the operating room or brought to the recovery room.
- With larger spaces for treatment and hours to match patients' busy schedules, more patients will be able to receive crucial, lifesaving treatments like radiation.
- The 84 private chemotherapy infusion rooms, many with windows featuring expansive views of West and Center City Philadelphia, are outfitted with flat-screen TVs.
- Valet parking puts patients just steps from their clinics, while a private elevator carries patients from the parking garage to the surgical pavilion.
- An easy-to-navigate floor plan puts all Abramson Cancer Center services — from imaging to chemotherapy infusion suites to a boutique offering special products needed by cancer patients — on a single elevator bank.
- Complimentary wireless Internet is available throughout the facility.

SAFETY-FOCUSED

Penn physicians and staff want to send patients home fit for life — healthier than when they arrived. Patient safety and infection control were a top priority in the design of the Perelman Center, which employs some of the nation's most innovative ideas for preventing infection.

- Diagnostic labs on each floor allow blood and tissue samples to be processed close by.
- Operating room equipment — oxygen lines, TV screens and monitors — pulls down from the ceiling on movable booms, keeping floors free of cords and hard-to-clean machinery.
- Non-porous countertops throughout the building — from reception desks to exam room counters to operating room surfaces — prevent microscopic bacteria from clinging.
- Mold-resistant drywall is placed a half-inch off the floor to prevent any floor moisture from wicking into walls.
- Calming indoor landscaping constructed from artificial plants, stones and mulch made of recycled tires keep harmful plant- and soil-borne bacteria out of the building.
- Sinks with taps designed to be easily flipped on and off with a clean elbow, along with alcohol hand sanitizer dispensers, are plentiful in public and clinical spaces, and each exam room is outfitted with a sink.
- Negative-pressure rooms throughout the building protect patients from infectious diseases. The rooms could also be converted to care for an influx of patients during public health emergencies.

ECO-SENSITIVE

Penn Medicine's commitment to provide safe and healthy surroundings for its patients extends to its care for the earth, too. Environmental stewardship is evident in the green materials used to build the Perelman Center, as well as the building's recycling programs and use of earth-friendly products. These initiatives, visible in nearly every aspect of the Center, will help reduce the building's carbon footprint for years to come.

- The Perelman Center exceeds minimum energy efficiency standards by 15 percent, which will save a projected \$350,000 a year on energy costs and keep 3,700 metric tons of carbon dioxide — the amount produced by nearly 700 cars — out of the air.
- A green housekeeping program means no toxic chemicals in cleaning products and microfiber mops that save water. The Center will stock only non-chlorine bleached, recycled paper towels and toilet tissue.
- Charging stations for 21 electric cars in the underground parking garage stand to remove an additional 36 metric tons of carbon dioxide from the air each year.
- Bike racks at the main entrance and in the parking garage encourage employees to pedal to work, and the building's location next to major rail and bus stations makes it easy for patients who choose public transportation.
- Native plants that require little water surround the building.
- Twenty percent of the building materials used in the Center's construction come from recycled content and were manufactured within 500 miles of the site.
- Wood used for construction was harvested from sustainable forests to avoid depletion of old-growth and rain forests. The outside walls of the building are made from recycled plastic, designed to outlast wood by 30 years.



1874



The Hospital of the University of Pennsylvania, the nation's first teaching hospital, opens its doors.

1904



The John Morgan building expands Penn Medicine's research mission.

1904



Lab space in John Morgan offers medical students and faculty new opportunities to learn.

1975



Outpatient clinics, from cardiac care to cancer treatment, filled the Penn Tower.

1997



Renovation of HUP's lobby and the Emergency Department offers a fresh first look to patients and their families.

1999



The Biomedical and Clinical Research Buildings cemented Penn's role as a leader in basic sciences.

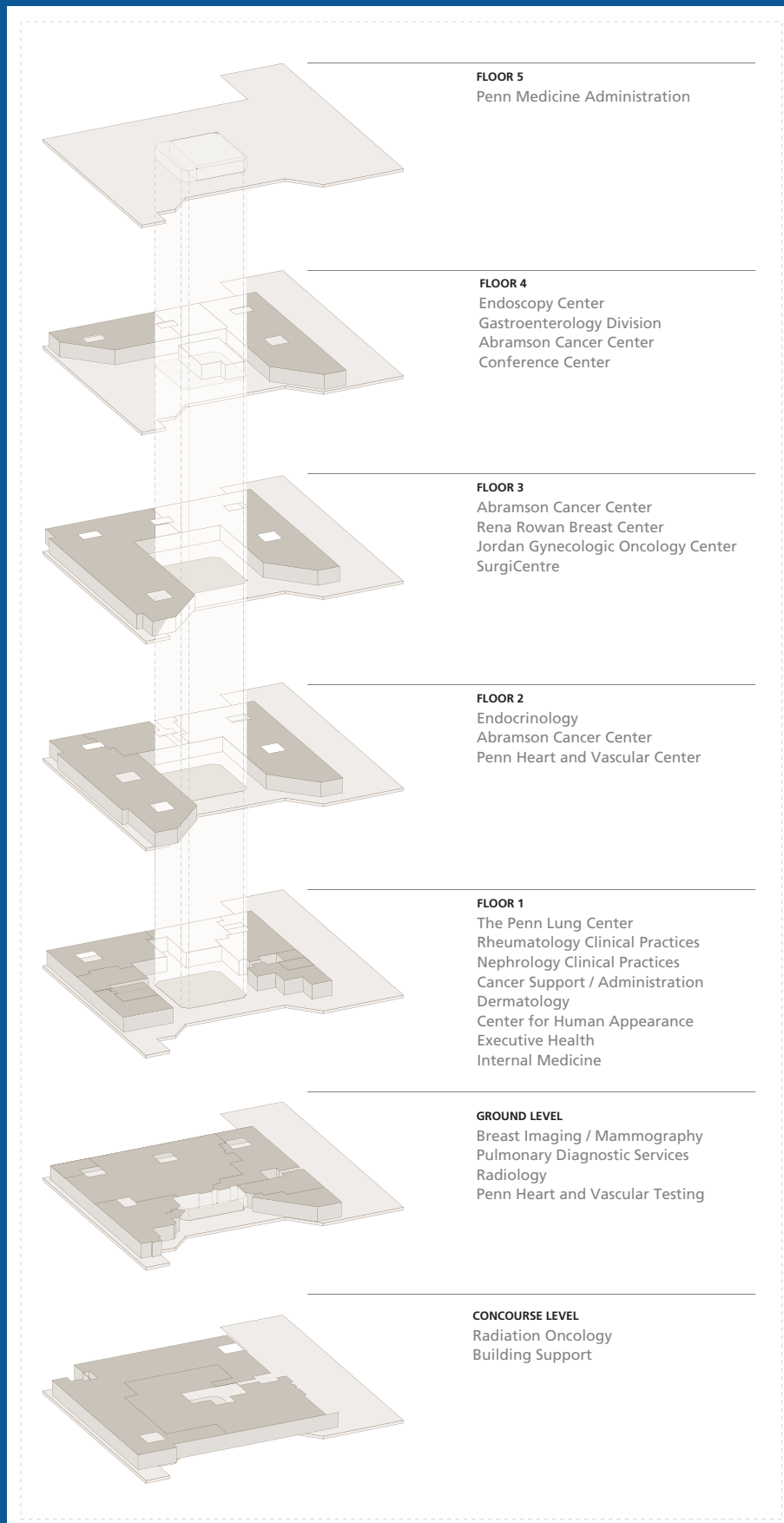
2007



Proton therapy equipment is installed as construction of the Perelman Center nears completion.

INSIDE:

The Ruth and Raymond Perelman Center for Advanced Medicine



Our mission is a simple one: We intend to be the very best we can be. We pursue this mission in service to our scholarship, our obligation to teach others and our commitment to caring for those we can help. At PENN Medicine, we see the future every day through discovery, learning gained and shared, and lives made better. Those who join us in this mission are grateful for the privilege and accept the many responsibilities such privilege conveys.



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