



# Caring for You and the Environment

Enhancing patient comfort while reducing  
environmental impact



# Caring for You and the Environment

**You and your family's experience at NYU Langone Health is very important to us.**

We are proud to deliver high quality care to our patients and extend that care to the environment. This is why our spaces are designed to enhance comfort and improve recovery, while minimizing environmental impact to protect the planet.

The Helen L. and Martin S. Kimmel Pavilion is designed to be a healing environment with superior air quality, ample light, access to green spaces, and green cleaning procedures. This state-of-the-art facility is also a LEED Platinum certified building.

Learn how these design aspects enhance your stay and support our sustainability program.

- **A Healthy Planet Means Healthy People**

Read about the NYU Langone Health sustainability program and its goals

- **Greening Your Stay**

Learn more about Kimmel Pavilion's design features that enhance your stay while reducing environmental impact



## What is LEED?

Leadership in Energy and Environmental Design (LEED) is a U.S. Green Building Council certification. It is an international standard that recognizes innovative design practices that reduce environmental impact.



# A Healthy Planet Means Healthy People

## We put green first.

We are proud to deliver high quality care to our patients and extend that care to the environment. Our sustainability program develops initiatives aimed at reducing our environmental impact – things that support cleaner air and water, responsible waste practices, and pollution reduction. It is a collaborative effort across the institution to implement best practices and build a culture of sustainability for our employees. We are committed to reduce 50% of our carbon emissions by 2025.

NYU Langone Health has earned over 30 energy and environmental excellence awards and certifications for our sustainability achievements, including:

### **Top 25 Environmental Excellence Award**

2019 Practice Greenhealth

### **Climate and Health Innovation Award**

2019 Health Care Without Harm

### **1st NY Hospital to Achieve LEED Platinum**

First children's hospital and first new construction hospital in New York State to achieve the U.S. Green Building Council Leadership in Energy and Environmental Design Platinum certification

### **1st to Achieve PEER Platinum in the World**

2018 U.S. Green Building Council certification on energy system resiliency

Learn more about NYU Langone's sustainability programs at [www.nyulangone.org/sustainability](http://www.nyulangone.org/sustainability)





# Greening Your Stay

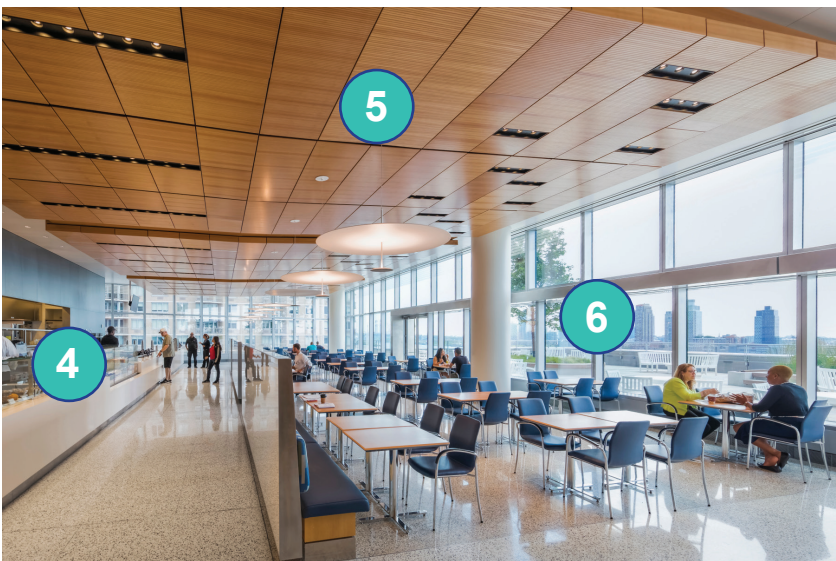
The Kimmel Pavilion was designed with you and sustainability in mind. It earned a LEED Platinum certification from U.S. Green Building Council. This means that it was built with energy efficient technologies, recycled materials, ample outdoor spaces, and more.



Navigate to each room feature to learn how it enhances your experience, wellness, and sustainability.



- 1 Enhanced Air Quality
- 2 Natural Light & Views
- 3 Better Materials



- 4 Healthy Food
- 5 Energy Efficiency
- 6 Outdoor Spaces






## 1 Enhanced Air Quality

Good air quality minimizes your exposure to indoor allergens and pollutants. At the Kimmel Pavilion, we maintain high levels of filtration to ensure superior indoor air quality for our patients and staff all day. There are also sensors that monitor fresh air and carbon dioxide levels to maintain comfort.

We select paints, coatings, and other materials with fewer chemicals that pollute the air, also known as volatile organic compounds (VOCs). Health implications from VOCs can be minimized by choosing better and safer products. We also use cleaning products free of antimicrobials, bleach, and unnecessary chemicals, that still meet regulated safety standards.

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## 2 Natural Light & Views

Studies have shown that natural light leads to better sleep and views of nature help reduce stress, which can positively impact healing.

Kimmel Pavilion is designed to bring in as much natural light as possible. Its high performance windows minimize glare, which increases comfort and reduces heat absorbed from the sun. The solar shades in each room help keep the room cool, reducing energy use.

Interior spaces also have sweeping views of the East River and the city, inviting nature inside.

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### 3 Better Materials

Materials within the Kimmel Pavilion were selected on several environmental criteria, such as high recycled content and local sourcing and manufacturing. In addition, a majority of the building's wood was sourced from forests that are certified as sustainably managed.

All furniture and furnishings, where possible, are free of chemicals of concern including formaldehyde, flame retardants, per-/poly-fluorinated compounds, polyvinyl chloride (PVC) and antimicrobials. Our rubber flooring meets this criteria and is internationally certified for its ecological practices and material. Rubber also helps reduce indoor noise and is more comfortable to walk on.

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### 4 Healthy Food

Healthy eating plays an integral role in the healing process. At NYU Langone Health, we are committed to providing the healthiest and freshest food options to our patients, staff and guests. Our poultry is 100% antibiotic-free and raised within 250 miles of New York City. By offering this, we are being good stewards in the fight against antibiotic resistance worldwide.

We use seasonal and local ingredients whenever possible. This means produce that is harvested at peak ripeness. By decreasing our ingredients' "food miles" traveled, we are able to reduce our environmental impact.

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## 5 Energy Efficiency

The Kimmel Pavilion is designed to use 27% less energy than a facility of similar size and use. Its high performance exterior structure and building systems allow for more efficient operations while keeping occupants comfortable.

There are light sensors to reduce unnecessary electrical lighting. The Kimmel Pavilion's walls and roof are designed to reduce noise pollution from outside and increase insulation for better comfort and lower energy use. The windows also minimize glare while reducing heat absorbed from the sun. This means less energy is used to cool down spaces.

Our on-site combined heat and power (CHP) plant allows us to produce both electricity and steam from natural gas. By using a single fuel source, the plant increases the efficiency of energy delivered to the campus from about 33 percent to 83 percent.

In 2018, we became the first campus in the world to achieve the highest level of certification under the U.S. Green Building Council's Performance Excellence in Electricity Renewal (PEER) standard. It recognizes NYU Langone's superior capabilities in resiliency and energy efficiency. NYU Langone now lends its voice to municipal and state resiliency efforts and offers its expertise to other hospitals nationwide.





## 6

## Outdoor Spaces

Research shows that nature can boost people's mood and decrease healing time. Our outdoor spaces provide beautiful environments and are easily accessible to everyone. Our terraces fill our lobbies with natural light.

Fifty percent of the Kimmel Pavilion's outdoor spaces are vegetated. We use native trees, shrubs, and seasonal plantings that provide shade and are irrigated using rainwater. The terraces have light-colored pavement to ensure cooler temperatures for comfort. The design of these spaces also serves to insulate the building and reduce energy use.

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## Designed with Care

We consider the environmental impact of the building's life cycle from construction to operation. This facility is not only designed to be more environmentally-friendly, but is maintained using better practices every day. We use cleaning products free of antimicrobials, bleach, and unnecessary chemicals, that still meet regulatory standards.

NYU Langone Health responsibly manages more than ten types of waste to ensure unnecessary waste does not end up in the landfill. We also work to reduce disposable items in the cafeteria, operating rooms, and everywhere in between.

Thank you for choosing NYU Langone Health, and for partnering with us in your care. We are proud to support a healthy, sustainable future for all.





# Learn More

**NYU Langone Health is committed to a healthy and sustainable future for all.** Visit the NYU Langone Health website to learn more about our carbon emissions reduction, sustainability initiatives, and work on campus resiliency.

## **Our Sustainability Story**

Overview of our environmental programs and achievements

## **Building the Energy Building**

Resiliency and benefits of our combined heat and power plant

## **Building the Helen L. and Martin S. Kimmel Pavilion**

Features of our state-of-the-art facility

## **References**

**Introduction to Indoor Air Quality** | U.S. Environmental Protection Agency

**What are the Benefits of Interacting with Nature?** | International Journal of Environmental Research and Public Health. Issue 10, No. 3. Keninger L., et al.

**Healthy Interiors** | Practice Greenhealth

**Local and Sustainable Food Purchasing** | Practice Greenhealth

**Health Benefits of Nature** | American Society of Landscape Architects

**Greening Your Purchase of Cleaning Products** | U.S. Environmental Protection Agency

