



Children's National Hospital

111 Michigan Avenue, NW

childrensnational.org

The Children's National Hospital is ranked the #1 pediatric hospital in the District-Maryland-Virginia region and one of the top ten pediatric hospitals in the country by *U.S. News & World Report*.

2022 marks the third year that the Children's National Hospital has been recognized by DOEE for its environmental leadership through a District Sustainability Award.

This year's application focuses on lowering greenhouse gas emissions from the healthcare sector. To lower its emissions, the Children's National Hospital implemented a program to reduce emissions from volatile anesthetics which contribute to ozone depletion and climate change.



Gas flows can be safely reduced to as low as 250 mL/min (metabolic flow rates), providing both economical and health benefits to patients as well as “going green.” Desflurane vaporizers have been eliminated entirely from the operating rooms at the Sheikh Zayed campus, at the start of 2022.

By doing so, hospitals can not only decrease the volume of inhaled anesthetics used, and therefore decrease the global warming potential (GWP) but can also decrease costs. This program has saved the hospital \$75,000 (2018 vs. 2020 costs).

The hospital has joined [Practice Green Health](#) and holds a seat on the Vizient Sustainability Council. These steps enable Children's National Hospital to be on the forefront of national sustainability efforts that better position it for success.

Finally, Children's National Hospital works on philanthropy efforts that have supported projects such as the Healing Garden for its patients and visitors, which provides a tranquil outdoor environment for families.

