

America's Best in Medicine: Brian K. O'Connor, MD, directs Pediatric Electrophysiology at CHoNJ's Children's Heart Center, NBIMC

Advancing Pediatric Cardiac Care through Expertise and Compassion



Hoboken, New Jersey Jan 20, 2026 ([Issuewire.com](https://www.issuewire.com)) - The Children's Heart Center at Children's Hospital of New Jersey at Newark Beth Israel Medical Center proudly recognizes Dr. Brian K. O'Connor, a highly esteemed pediatric cardiologist specializing in pediatric electrophysiology. Since 2000, Dr.

O'Connor has served as the Director of Pediatric Electrophysiology, where he has significantly impacted the lives of countless children with complex cardiac arrhythmias.

Dr. O'Connor possesses extensive clinical expertise in diagnosing and managing a range of cardiac conditions in children, including congenital and familial rhythm disorders, post-operative arrhythmias, and the implementation of pacemaker and defibrillator therapies. His ability to communicate fluently in both English and Spanish allows him to connect with a diverse patient population, fostering an inclusive environment for families seeking care.

A graduate of Georgetown University School of Medicine, Dr. O'Connor earned his Medical Degree with honors. He completed his pediatric internship and residency at Tufts–New England Medical Center in Boston, where he laid the groundwork for his specialized training. Dr. O'Connor further honed his skills through a fellowship in pediatric cardiology at the University of Michigan Medical Center, followed by advanced training in pediatric cardiac electrophysiology and pacing under the mentorship of Dr. Paul Gillette at the Medical University of South Carolina.

Board-certified in both pediatric cardiology and general pediatrics, Dr. O'Connor holds the distinction of Fellow of the American College of Cardiology. He is also an active member of the Heart Rhythm Society and the Pediatric and Congenital Electrophysiology Society, contributing to the advancement of pediatric cardiac care on multiple fronts.

Dr. O'Connor's clinical interests encompass a broad spectrum of pediatric cardiac conditions, particularly in the management of inherited and familial cardiac arrhythmias. His expertise extends to the innovative use of radiofrequency and cryotherapy ablation techniques, pharmacologic treatments for rhythm disorders, and non-invasive cardiac monitoring. He is particularly dedicated to prenatal and congenital cardiac rhythm disorders, aiming to provide comprehensive care for patients and their families.

With a steadfast commitment to combining cutting-edge electrophysiology techniques with compassionate patient-centered care, Dr. Brian K. O'Connor continues to ensure that children at the Children's Heart Center receive the highest standard of treatment, bringing hope and healing to families in need.

Learn more about Dr. Brian K. O'Connor:

Through his America's Best in Medicine profile, <https://americasbestinmedicine.com/connect/brian-oconnor> or through his profile on RWJBarnabas Health, <https://www.rwjbh.org/doctors/brian-k-oconnor-md/>

America's Best in Medicine

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Source : Dr. Brian K. O'Connor

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