



WHEN COLLABORATION AND INNOVATION COME TOGETHER,  
**THE OUTCOME IS GROUNDBREAKING.**



Introducing the Nation's first  
Hybrid Congenital Cardiac Operating Suite

The Heart Center at Nationwide Children's Hospital



The innovative spirit of the cardiothoracic surgeons and interventional cardiology teams at The Heart Center have come together again to bring the technology first developed in the Hybrid Catheterization Suites to a state-of-the-art operating suite.

Unlike the catheterization suites, this operating suite is designed specifically around the cardiac surgeon and cardiac surgical patient, offering new advanced access and imaging in the operating room, without having to move patients. The suites accommodate the collective catheterization and surgery team, and facilitate rapid information sharing with new technology from TOSHIBA Medical Systems and Maquet Surgical Workplaces.



#### THE HYBRID CONGENITAL CARDIAC OPERATING SUITE FEATURES

- Over 900 square feet of working space to accommodate the team involved in a hybrid case (surgeons, interventional cardiologists, electrophysiologists, echocardiographers, cardiac anesthesiologists, advanced level nurse practitioners, physicians' assistants, cath/OR nurses, technicians and perfusionists).
- Surgical theater with a fixed base surgical table, modutec booms and surgical lighting from Maquet Surgical Workplaces, allowing for more precise and consistent imaging as well as greater flexibility without taking up critical floor space.
- Flat Panel Detectors (FPD) from TOSHIBA America Medical Systems for a better quality picture which facilitates more accurate assessment and diagnosis.
- Technical capabilities that allow staff members the ability to transmit information anywhere in the suite, at remote sites within the hospital, or even to countries around the world, enabling Nationwide Children's Heart Center faculty to consult with physicians in distant countries and to serve as a teaching hospital as further advancements are made.
- Nine interconnected, flat panel, high-resolution display screens for superior visualization and better information exchange among the team members. At least two monitors are visible to all team members at any time, from any location.
- Non-Sterile control/observation room to serve as an educational and training resource for students, staff and faculty.

The Hybrid Congenital Cardiac Operating Suite can accommodate any cardiac surgical cases, catheterization or any collaborative hybrid procedures. Cardiothoracic surgeons and interventional cardiologists working together in these suites will reduce the amount of time required to correct a heart problem and the amount of emotional and physical stress placed on a patient or their family – which translates into less pain, less scarring, and a faster recovery time for patients.

To learn more about the Hybrid Congenital Cardiac Operating Suite, the innovative procedures being developed there, or The Heart Center team, visit us online at [www.NationwideChildrens.org/heartcenter](http://www.NationwideChildrens.org/heartcenter) or call 614-722-2530.