



# Cardiology/Cardiac Surgery

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**Telephone Numbers:** Administration: 202-476-2020      Administration Fax: 202-476-5700      Cardiology Inpatients: 202-476-5114  
Appointments: 202-476-2090      Clinic Fax: 202-476-3900      Cardiac Intensive Care Unit: 202-476-6670  
Consults (division office): 202-476-2020      Evenings and Weekends: 202-476-5000      Nurse Triage Line: 202-476-4809

**Charles Berul, MD, Chief of Cardiology • Richard Jonas, MD, Chief of Cardiac Surgery**

Children's National Heart Institute brings together the region's only team of dedicated pediatric cardiac surgeons, cardiologists, cardiac anesthesiologists, and dual-boarded cardiac intensivists to provide the highest quality care in the most technologically advanced setting.

## Cardiology

The Division of Cardiology provides both inpatient and outpatient diagnostic and treatment services for a full range of pediatric cardiovascular disorders, including congenital heart disease, acquired heart disease, cardiomyopathy, fetal echocardiography, hypertension, premature atherosclerosis, and arrhythmias.

Newborn consultation is offered in community hospital nurseries.

Special services include:

- Echocardiography - fetal, transesophageal, and 3D reconstruction
- Cardiac MRI
- Cardiac catheterization - diagnostic and interventional
- Arrhythmia services - electrocardiograms, Holter monitors, pacemakers, electrophysiology studies, and ablation therapy
- Preventive cardiology - cholesterol/lipids, hypertension, and exercise stress tests
- Adult congenital heart disease program
- Pulmonary hypertension program
- Fetal cardiology
- Cardiac failure

The following information may be required on the referral form.

See specific guidelines for data needed for a referral.

- EKG
- Echocardiogram with doppler and color flow
- Fetal echocardiogram
- Holter
- Event monitor with transtelephonic recordings
- Stress test
- Pulse ox
- Lab work
- Chest x-ray
- Cardiac catheterization

Please send results of any previous tests.

## Cardiac Surgery

The Division of Cardiac Surgery has dedicated pediatric and congenital cardiovascular surgeons performing palliative and corrective procedures for newborns, infants, children, and adults. Procedures performed include the entire range of congenital heart disease from the simplest to the most complex problems. Each patient is cared for by a pediatric cardiac anesthesiologist during surgery. Postoperative care is provided by a highly trained staff with special expertise in cardiac intensive care in the dedicated Cardiac Intensive Care Unit.

<b>Diagnosis/Symptom</b>	<b>Initial Work-Up</b>	<b>Referral When</b>	<b>Data Needed</b>
Heart Murmur	<ul style="list-style-type: none"> <li>■ History &amp; physical</li> <li>■ 4-extremity BP</li> </ul>	<ul style="list-style-type: none"> <li>■ Any abnormality or concern</li> </ul>	<ul style="list-style-type: none"> <li>■ H&amp;P, BP</li> </ul>
Cyanosis	<ul style="list-style-type: none"> <li>■ History &amp; physical</li> <li>■ 4-extremity BP</li> <li>■ Pulse oximetry</li> </ul>	<ul style="list-style-type: none"> <li>■ Any abnormality or concern</li> </ul>	<ul style="list-style-type: none"> <li>■ H&amp;P, BP, O2 sat if available</li> </ul>
Palpitations	<ul style="list-style-type: none"> <li>■ History &amp; physical</li> <li>■ Family history</li> </ul>	<ul style="list-style-type: none"> <li>■ Any abnormality or concern</li> <li>■ Exercise-associated symptoms</li> </ul>	<ul style="list-style-type: none"> <li>■ H&amp;P, Family history</li> </ul>
Chest Pains	<ul style="list-style-type: none"> <li>■ History &amp; physical</li> <li>■ Family history</li> </ul>	<ul style="list-style-type: none"> <li>■ Any abnormality or concern</li> <li>■ Exercise-associated symptoms</li> <li>■ Non-sharp chest pain</li> </ul>	<ul style="list-style-type: none"> <li>■ H&amp;P, Family history</li> </ul>
Syncope	<ul style="list-style-type: none"> <li>■ History &amp; physical</li> <li>■ Family history</li> </ul>	<ul style="list-style-type: none"> <li>■ Any abnormality or concern</li> <li>■ Exercise-associated symptoms</li> <li>■ Concerning family history</li> </ul>	<ul style="list-style-type: none"> <li>■ H&amp;P, Family history</li> </ul>
Dizziness	<ul style="list-style-type: none"> <li>■ History &amp; physical</li> <li>■ Family history</li> </ul>	<ul style="list-style-type: none"> <li>■ Any abnormality or concern</li> <li>■ Exercise-associated symptoms</li> <li>■ Concerning family history</li> </ul>	<ul style="list-style-type: none"> <li>■ H&amp;P, Family history</li> </ul>
Hypercholesterol	<ul style="list-style-type: none"> <li>■ History &amp; physical</li> <li>■ Family history</li> <li>■ Lipid profile</li> </ul>	<ul style="list-style-type: none"> <li>■ Any abnormality or concern</li> <li>■ Concerning family history</li> </ul>	<ul style="list-style-type: none"> <li>■ H&amp;P, Family history</li> <li>■ Relevant lab data from patient and affected family members</li> </ul>
Family History of Heart Disease	<ul style="list-style-type: none"> <li>■ History &amp; physical</li> <li>■ Family history</li> </ul>	<ul style="list-style-type: none"> <li>■ Any abnormality or concern</li> <li>■ Concerning family history</li> </ul>	<ul style="list-style-type: none"> <li>■ Parents and siblings ECGs and other relevant data, when available</li> </ul>