

## Advance Cardiology Programs

### Cardiac Intensive Care Unit (CICU)



There are times when a heart condition requires round-the-clock care and treatment. In the Cook Children's Cardiac Intensive Care Unit, our team goes above and beyond to ensure that your child has the very best in intensive care and attention.

Cook Children's Cardiac Intensive Care Unit team, led by Co-Medical Directors Jay Duncan, M.D., and Susan Davis, M.D., specializes in intensive care for patients with congenital heart disease and defects before and after surgery. Other patients also cared for in this unit include those with abnormal heart rhythms and heart failure from congenital and acquired cases.

**Cook Children's Cardiac Intensive Care Unit is a dedicated, 10-bed unit that averages more than 300 patients each year.**

The team includes intensive physicians, cardiovascular surgeons, cardiologists, neonatologists, cardiac anesthesiologists, intensive nurses, respiratory therapists, pharmacists and nutritionists. At Cook Children's Heart Center we believe in a team approach for the care of children with heart disease because we realize that each patient presents unique challenges and requires individually tailored therapies across many different medical services and programs.

Patients admitted to Cook Children's Medical Center benefit from a dedicated Cardiac Intensive Care Unit that specializes in the postoperative treatment of cardiology patients. These young patients with the most complex conditions are automatically included in our neuro-developmental follow-up program to optimize growth and development.

Every morning, our cardiac team gathers to participate in rounds on each patient in the Cardiac Intensive Care Unit and Neonatal Intensive Care Unit. This allows each team member to contribute his and her unique perspective and experience to create a custom plan for each patient. As a parent, you are invited to participate as we discuss your child's case during these rounds. Additionally, our cardiac intensive physicians provide 24/7 onsite coverage in the Cardiac Intensive Care Unit, so one of them is constantly available to evaluate and treat patients or answer any questions.

### Cook Children's Fetal Echocardiography team



**Susan Davis, MD**  
Co-Medical Director, Cardiac Intensive Care Unit

Education: Baylor College of Medicine  
Residency: Baylor College of Medicine  
Fellowship: Children's Hospital of Philadelphia  
Board Certification: Pediatrics and Pediatric Critical Care  
Languages: English



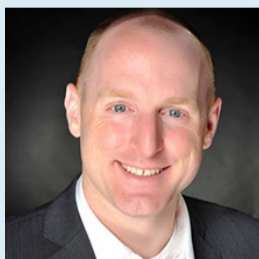
**Jay Duncan, MD**  
Co-Medical Director, Cardiac Intensive Care Unit

Education: University of Missouri at Kansas City  
Residency: The Children's Mercy Hospital, Kansas City  
Fellowship: Arkansas Children's Hospital  
Board Certification: General Pediatrics, Pediatric Critical Care Medicine  
Languages: English



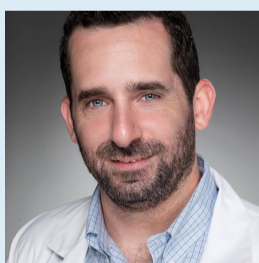
**Richard Chemelli, MD**  
Cardiac Intensivist

Education: State University of New York at Buffalo, Buffalo, NY  
Residency: Children's Hospital of Buffalo, Buffalo, NY  
Fellowship: Children's Medical Center of Dallas, Dallas, TX  
Board Certification: Pediatrics, Pediatric Critical Care  
Languages: English



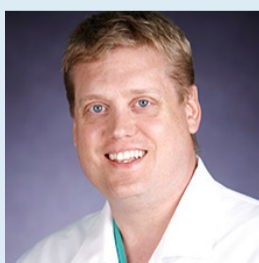
**Lane Lanier, MD**  
Cardiac Intensivist

Education: University of Texas Health Sciences Center at San Antonio, San Antonio, TX  
Residency: Pediatric Critical Care - UT Southwestern Medical Center, Dallas, TX;  
Fellowship: Pediatric Critical Care - UT Southwestern Medical Center, Dallas, TX;  
Board Certification: Pediatric Cardiac Critical Care - Cincinnati Children's Hospital, Cincinnati, OH  
Languages: English



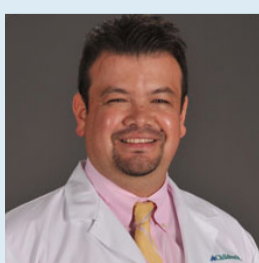
**Chad Mackman, MD**  
Cardiac Intensivist

Education: University of Florida  
Residency: Pediatrics - Nationwide Children's Hospital  
Fellowship: Pediatric Cardiology - Children's Hospital of Wisconsin, Pediatric Critical Care - Children's Medical Center Dallas  
Board Certification: American Board of Pediatrics  
Languages: English



**Ryan Meyer, MD**  
Cardiac Intensivist

Education: Texas Tech University Health Sciences Center  
Residency: University of Arkansas for Medical Sciences  
Fellowship: Vanderbilt University Medical Center  
Board Certification: Pediatrics and Pediatric Critical Care  
Languages: English



**Jose Olarte-Motta, MD**  
Cardiac Intensivist

Education: Universidad "Nueva Granada", Bogata, Columbia  
Residency: Children's Hospital of Michigan  
Fellowship: Miami Children's Hospital  
Board Certification: Pediatrics and Pediatric Critical Care Medicine  
Languages: English

Need help referring a patient?

Please call the International Patient Services department at +1-682-885-4685, send faxes to +1-682-885-2557, or email [international@cookchildrens.org](mailto:international@cookchildrens.org)