Clinical Focus: All aspects of pediatric and congenital heart disease

Research Focus: 1) Ventricular function, blood flow and tissue characterization, 2) CMR application to pediatrics and congenital heart disease and 3) new CMR techniques

Founded: 1988 by Paul Weinberg & Alvin Chin

First Director: Paul Weinberg 1989-2002

Current physician team:
- Mark Fogel, Director (2002-present)
- Matthew Harris, Kevin Whitehead, Sara Parington, David Biko

CMR technologists: Justin Wilson, Shaun Hoffacker, George Englehardt, Brian Brazinski, Kathy Diaz

Nursing Staff: Traci Sullivan, Denise Virden

Anesthesia staff: Susan Nicolson (lead), James Steven

Administration: Robert Shaddy, Kasa Darge, Chris Harris

Selected Influential Pediatric/Congenital CMR Manuscripts

Single Ventricle
- Fogel MA et al. Magnetic resonance imaging of constant total heart volume and center of mass before and after staged Fontan procedure. Am J Cardiol. 1993

Coronary Imaging

Tetralogy of Fallot

New CMR Techniques or Applications
- Fogel MA et al. Comparison and usefulness of CMR versus CT in infants six months of age or younger with aortic arch anomalies without deep sedation or anesthesia. Am J Cardiol. 2011
- Fogel MA et al. A New Method Of Functional Assessment Of The Fetal Heart Using A Novel Application Of “Real Time” Cardiac Magnetic Resonance Imaging. Fetal Diagn Ther. 2005