

Pediatric Interventional Radiologist



Francis E. Marshalleck, MD
Director of Pediatric
Interventional Radiology

Francis E. Marshalleck, MD, assistant professor of radiology, Indiana University School of Medicine Department of Radiology, is fellowship trained in percutaneous interventions, using image guidance in infants, children, adolescents and adults. Indiana Radiology Partners is the only radiology group in the state of Indiana that has a dedicated pediatric interventional radiologist. Dr. Marshalleck works closely with the family and patient's health care provider(s) to ensure they receive the best possible radiologic care at Riley Hospital for Children.

Dr. Marshalleck completed his diagnostic radiology residency at University of Texas in Houston. He has a fellowship in vascular and interventional radiology from Indiana University Medical Center in Indianapolis with fellowship training in pediatric interventional radiology at University of Toronto Hospital for Sick Children in Toronto, Canada. He is board certified in diagnostic radiology by the American Board of Radiology and has his certification in Endovenous Laser Therapy.

IRP provides Interventional Radiology Services at Methodist Hospital, Indiana University Hospital, Riley Hospital for Children, Clarian West Medical Center, Clarian North Medical Center, Wishard Hospital and Roudebush VA Medical Center. For additional Interventional Radiology information, visit www.irindy.org.

Pediatric IR Scheduling

To schedule a pediatric interventional radiology procedure, call:

Monday – Friday • 8 a.m. – 4:30 p.m.

PHONE: (317) 278-6328 or 278-6351

FAX: (317) 278-6360

Please provide this information:

- Patient Name, Address and Phone Number
- Patient Date of Birth and Known Allergies
- Referring Physician
- Patient Diagnosis
- Procedure Requested
- Procedure Indication

Riley Radiology Department
702 Barnhill Drive
Indianapolis, Indiana 46202

PHONE: (317) 278-6300

FAX: (317) 278-1537

www.rileyhospital.org



Riley Hospital *for* Children

A Clarian Health Partner

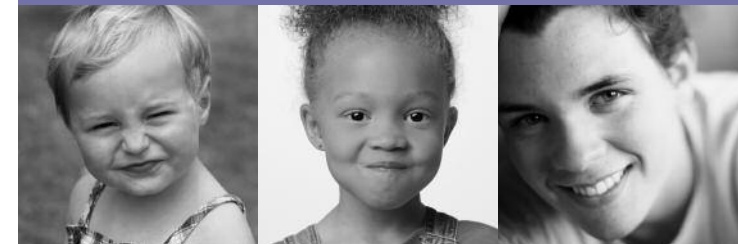
Riley Hospital for Children is a Magnet designated hospital



INDIANA UNIVERSITY
SCHOOL OF MEDICINE

Clarian operates the Methodist Hospital, Indiana University Hospital and Riley Hospital for Children campuses as a single hospital under Indiana law.

Pediatric Interventional Radiology Services



A GUIDE *for* PHYSICIANS

Riley Hospital *for* Children
Indiana Radiology Partners

Indiana Radiology Partners (IRP) provides the entire spectrum of pediatric interventional radiology services to Riley Hospital for Children. Experts in diagnosing disease and injury in infants, children and adolescents, IRP's pediatric radiologists and interventional radiologists work as part of a multidisciplinary team, along with the referring pediatrician or pediatric specialist, to provide the best possible patient care.

Our many years of clinical and research experience allow us to provide your pediatric patients with the most advanced minimally invasive procedures available in an environment suited specifically to the needs of young patients and their families. Staffed by the only pediatric interventional radiologist in Indiana, Riley's new pediatric interventional radiology (IR) suite offers percutaneous interventions using image guidance. Joining the pediatric IR team are specially trained interventional radiology technologists and nurses. IRP's neuroradiologists also utilize the pediatric IR suite for cerebral angiography procedures to diagnose and treat strokes, cerebral arteritis, vascular tumors and vascular malformations.

The IR suite located in the Radiology Department, adjacent to Riley's Outpatient Center, offers all of the facilities and equipment necessary for IR procedures to be fully contained and performed in one location. In addition to four pre- and post-procedure rooms, the suite houses an anesthesia induction room, a family consultation area and a fully digital Picture Archiving and Communication Systems (PACS) workstation for reading exams and consulting with referring physicians. The state-of-the-art interventional suite also offers the following:

- New dose-lowering technologies
- 3-D rotational angiography
- Advanced digital imaging
- Tilt table



We can help treat your pediatric patients with these diseases and conditions

VENOUS ACCESS

- Placement of PICCs (Peripherally Inserted Central Catheters)
- Placement of chest ports
- Placement and maintenance of apheresis, dialysis and infusion catheters
- Temporary central venous catheters

PERCUTANEOUS BIOPSY

- Image-guided soft tissue and bone biopsy
- Intraarticular steroid injections
- Percutaneous liver and kidney biopsy
- Transjugular liver biopsy

GASTROINTESTINAL

- Placement of gastrostomy and gastrojejunostomy feeding tubes
- Placement of cecostomy tubes

DRAINAGES

- Paracentesis
- Thoracentesis
- Percutaneous drainage of abscesses and fluid collections
- Placement of chest tubes

OBSTRUCTIVE UROPATHY

- Nephrostomy, nephroureterostomy and ureteronephrostomy
- Ureteral stents
- Percutaneous access for stone retrieval
- Suprapubic drainage

BILIARY INTERVENTION

- Biliary drainage (native and transplant liver)
- Cholecystostomy
- Biliary Endoscopic Laser Lithotripsy (BELL) and percutaneous stone retrieval

ARTERIOGRAPHY

- Renal vascular disease – renal artery angioplasty and stenting
- Visceral angiography

VASCULAR EMBOLIZATION

- Varicocele embolization
- GI bleeding
- AVMs – peripheral and pulmonary
- Hemoptysis – bronchial artery embolization
- Sclerotherapy of venous and lymphatic malformations

VENOUS THROMBOEMBOLIC DISEASE

- Venous thrombolysis, angioplasty and stenting
- Permanent and temporary caval filtration

PORTAL HYPERTENSION

- TIPS
- Variceal embolization

CHRONIC RENAL FAILURE AND END STAGE RENAL DISEASE

- Dialysis access planning (ultrasound mapping and venography)
- Percutaneous treatment of malfunctioning or thrombosed dialysis access

CANCER THERAPY

- Chemoembolization of liver tumors
- Radio Frequency Ablation (RFA) of liver tumors, kidney tumors and osteoid osteomas
- Stenting of malignant strictures: bile duct, esophageal, tracheobronchial and intestinal

TO CONTACT AN INTERVENTIONAL RADIOLOGIST AT RILEY HOSPITAL FOR CHILDREN, CALL (317) 278-6328 OR (317) 278-6351.