

Pediatric Interventional Radiology Fellowship

Texas Children's Hospital

Location: Houston, Texas, USA

Affiliated Academic Institution: Baylor College of Medicine

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Website: <https://www.bcm.edu/departments/radiology/education/pediatric-interventional-radiology>

Description of Fellowship

At Texas Children's Hospital, our team of six fellowship-trained pediatric interventional radiologists cares for one of the largest and most diverse pediatric populations worldwide. Texas Children's Hospital is the largest free-standing pediatric hospital in North America with more than 40 pediatric subspecialties and a level I comprehensive trauma center. This extensive case volume and variety provide unparalleled opportunities for advanced fellowship training in both routine and highly specialized interventions.

During the Pediatric Interventional Radiology Fellowship at Texas Children's Hospital, fellows gain comprehensive exposure to both vascular and non-vascular procedures performed within the department. Training emphasizes understanding clinical indications, contraindications, necessary pre-procedure workup, procedural techniques, as well as recognition and early management of complications. Fellows also develop skills in communicating effectively with referring physicians, including discussing the appropriateness of IR procedures and outlining available techniques.

Fellows will become proficient in performing the most common IR procedures, such as vascular access, abscess drainage, lumbar punctures, tube insertions and exchanges, and image-guided biopsies. Beyond these foundational skills, fellows will also train in more advanced procedures, including diagnostic and therapeutic angiography (with or without interventions such as angioplasty, embolization, or stenting) as well as genitourinary, hepatobiliary, gastrointestinal, and musculoskeletal interventions. In addition, fellows gain extensive experience managing complex vascular anomalies and genetic syndromes, beginning with initial consultation in the IR clinic, through image-guided sclerotherapy and embolization treatment in the angiography suite, and continuing with outpatient follow-up care.

Fellowship Details

Pediatric IR Section Chief or Division Chief: Amir Pezeshkmehr, MD

Pediatric IR Fellowship Director:

- Program Director – Nadia Mahmood, MD
- Associated Program Director – Sheryl Tulin-Silver, MD

Fellowships Available:

- Pediatric Interventional Radiology Only
- Combined Pediatric Radiology and Pediatric Interventional Radiology

Durations Available: One year

Number of 1 year or greater Fellowships: 1-2

Start Date: Negotiable

Approximate Call Frequency: After-hours pager call for consultations and emergency procedures, every third week (on average)

Elective Time offered during Fellowship: Yes. Diagnostic pediatric radiology, adult IR, or other clinical service, maximum of 3 months

Number of Pediatric Fellows trained here in the last 5 years: 3

Does a combined fellowship result in eligibility for a CAQ (such as in IR or pediatric radiology), or other accreditation: We offer elective time up to 3 months of adult IR at MD Anderson Cancer Center or diagnostic pediatric radiology at TCH. The pediatric IR fellowship is accredited by Texas Medical board and fellowship may be eligible for pediatric radiology CAQ by alternative pathway (<https://www.theabr.org/diagnostic-radiology/subspecialties/pediatric-radiology/alternate-pathway>)

Prerequisite requirements:

- Radiology Residency or Interventional Radiology Residency
- Radiology Board Certification in home country or USA
- Medical License in home country or USA
- Texas Medical Board Physician-in-Training Permit

Service Details

Number of pediatric IR attendings: 6

Number of adult IR attendings with direct teaching responsibility for the PIR fellows: 30 at MD Anderson Cancer Center

Number of neuroradiology or interventional neuroradiology attendings with direct teaching responsibility for the PIR fellows: 3

Approximate annual IR Pediatric case volume: Greater than 3000 (8500-9000)

Approximate annual case volume by subspecialty:

Vascular Access	> than 200 cases a year
Biopsy Drainage	> than 200 cases a year
Body Angiography & Intervention	Between 20 and 200 cases a year
Spine Interventions	Between 20 and 200 cases a year
Vascular Anomalies	Between 20 and 200 cases a year
Venous Interventions	Between 20 and 200 cases a year
Enteric access (G,J), Cecostomy	> than 200 cases a year
Locoregional tumor therapy	Between 20 and 200 cases a year
Musculoskeletal Interventions	Between 20 and 200 cases a year
Biliary Interventions	Between 20 and 200 cases a year
GU Interventions	Between 20 and 200 cases a year
Diagnostic Cerebral Angiograms	Between 20 and 200 cases a year

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