



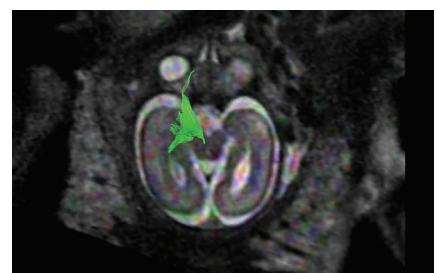
## Department of Radiology Pediatric Radiology

The Division of Pediatric Radiology at Westchester Medical Center (WMC)- Maria Fareri Children's Hospital (MFCH) is proud to offer State-of-the-art Pediatric Radiology with the highest level of Imaging expertise available, utilizing the newest imaging techniques limiting exposure to ionizing radiation in a child friendly environment for patients up to 18 years of age.



The Division of Pediatric Radiology at Westchester Medical Center, conveniently located within the children's hospital, provides comprehensive diagnostic imaging services to infants, children and adolescents, in a child-friendly family-friendly setting. Plain X-rays, Ultrasound, CT and MRI are performed using state-of-the-art equipment. Any need for preparation is explained at the time of scheduling. Pediatric radiologists and technologists are available to discuss any special concerns with referring physicians, patients and parents.

Imaging is also available in an outpatient setting at Advanced Imaging located at 19 Bradhurst Avenue, Suite 1000, Hawthorne, NY 10532. To schedule an appointment call (914) 493-2500 and press 2.



## About Maria Fareri Children's Hospital

Maria Fareri Children's Hospital at Westchester Medical Center is the children's hospital for New York's Hudson Valley region and Fairfield County, Connecticut. As home to the area's only pediatric intensive care unit, pediatric transplant program, burn center, cardiac catheterization program and its regional neonatal intensive care unit, Maria Fareri Children's Hospital cares for the area's most seriously ill and injured kids.

A regional and national leader in children's healthcare, Maria Fareri Children's Hospital at Westchester Medical Center was designed from the point of view of patients and families as well as doctors and nurses. In addition the hospital operates under the family-centered care philosophy, which encourages moms, dads, brothers and sisters to be involved in the care process. These factors result in a special healing environment that puts children and parents at ease so the whole family feels better.

To schedule an Imaging appointment at the hospital, please call the Department of Radiology at (914) 493-7345



**Maria Fareri Children's Hospital  
at Westchester Medical Center**  
Valhalla, NY 10595 • (877) WMC-DOCS (962-3627)  
[www.westchestermedicalcenter.com/mfch](http://www.westchestermedicalcenter.com/mfch)

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Pediatric  
Radiology  

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**Department of Radiology**



## What Pediatric Radiology Services specifically are offered at WMC?

The following are some of the procedures routinely performed in pediatric radiology:

Digital, state of the art, plain x-ray imaging on both an emergent and non-emergent basis in either the hospital or an outpatient setting at the Advanced Imaging facility located at 19 Bradhurst Avenue, Hawthorne, NY.

Fluoroscopic procedures including esophagrams, upper GI series and small bowel series, enema examinations, voiding cystourethrograms to evaluate for kidney reflux, studies to evaluate chronic constipation and pre and postoperative procedures. These procedures are performed at the Maria Fareri Children's Hospital with dedicated pediatric fluoroscopic equipment.

Ultrasound examinations of the abdominal and pelvic organs, testicular, thyroid, neck and doppler vascular and post-transplant imaging.

Tailored low-dose CT scans of the brain, head and neck, chest, abdomen and pelvis, spine and extremities.

Pediatric Body MRI including:

- MR Urography for morphologic and functional evaluation of childhood urologic disorders.
- MR Enterography for diagnosis and surveillance of inflammatory bowel disease.
- MRI for diagnosis and staging of pediatric oncological disease.
- MRI of the liver.

- Fetal MRI which has a very special role in confirming and diagnosing prenatal abnormalities seen on screening second trimester ultrasounds. At the Advanced Imaging facility fetal MRI can be performed in just 45-60 minutes, providing helpful and necessary information for prenatal management and postnatal care.

Musculoskeletal MRI including MRI for the diagnosis and evaluation of rheumatological diseases.

Pediatric MRI of the Central Nervous System including:

- Rapid MRI of the Brain in children without sedation.
- MRI of the Brain, Spine, Head and Neck.
- MR Angiography and Venography of the arteries and veins of the head and neck.
- Specialized dynamic MRI of the pituitary gland for poor growth.
- Screening MRI of the Spine for scoliosis.
- DTI (diffusion tensor imaging), MRS (MR spectroscopy) and fMRI (functional MRI) for complex tumor and AVM pre-operative planning.
- CT perfusion and MR perfusion to evaluate physiology of blood flow to the brain.
- MRI of the brachial plexus.
- High Resolution MRI of the orbits.

## Is sedation necessary for these types of procedures in Pediatric Radiology?

Sedation when deemed necessary by the healthcare provider is arranged in advance and performed at the hospital by an anesthesiologist.



## What are Child Life Services and are they provided at WMC-MFCH?

Child Life Specialists are healthcare professionals specially trained to help children and their families cope during healthcare experiences. Child Life Specialists strive to reduce anxiety that may be related to medical procedures by preparing children and families based on the child's developmental level as well as being present during the test to provide distraction and relaxation techniques.

Child life services are provided free of charge and available to any family with a child having a fluoroscopic procedure at WMC. If child life services are requested by a parent, the Child Life Specialist can be contacted in advance of the scheduled test. Our goal is to decrease anxiety and make this experience as comfortable as possible. A parent or guardian is encouraged to remain with the child throughout the examination to provide comfort and assistance during procedures whenever possible.

If you would like to have a Child Life Specialist present during your child's diagnostic imaging procedure being conducted at Maria Fareri Children's Hospital at Westchester Medical Center, please request Child Life services when making your appointment. You may also call 914-493-5411 to speak to a Child Life Specialist.

## Pediatric Radiology Faculty

**Dr. Adele Brudnicki** is the Director of Pediatric Radiology at Westchester Medical Center and an Associate Professor of Radiology at New York Medical College. Dr. Brudnicki received her fellowship training in Pediatric Radiology at Babies Hospital of Columbia Presbyterian Medical Center. Dr. Brudnicki holds American Board of Radiology Certification in Diagnostic Radiology and was among the first group of Pediatric Radiologists to receive a Certificate of Added Qualification in Pediatric Radiology. She has published numerous articles and has over 25 years of experience in the field of Pediatric Radiology. Dr. Brudnicki's interests include neonatal and premature infant imaging, ultrasound and CT imaging, congenital anomalies and trauma imaging.



**Dr. Lesli LeCompte** is a Pediatric Radiologist at Westchester Medical Center and Assistant Professor of Radiology at New York Medical College. Dr. LeCompte completed her fellowship training at Children's Hospital of Philadelphia, University of Pennsylvania. Her special interests are pediatric MRI imaging, including MRI Urography, MRI Enterography and Fetal MRI. She is board certified in Diagnostic Radiology by the American Board of Radiology.