

# Children's Hospital of Wisconsin Interventional Radiology



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**Patricia Burrows, MD,** is a board-certified, internationally acclaimed pediatric interventional radiologist at Children's Hospital of Wisconsin and professor of Pediatric Radiology at the

Medical College of Wisconsin.

Dr. Burrows specializes in pediatric vascular- and neuro-interventional radiology, with a focus diagnosing and treating vascular malformations.

Dr. Burrows has held many visiting professorships spanning the globe, authored textbooks, and is in high demand as an invited lecturer at conferences worldwide. Her extensive research has garnered international recognition, and she has pioneered techniques to treat vascular malformations that are now used by other interventional radiologists.

She is one of the founders of the renowned Vascular Anomalies Center at Boston Children's Hospital and is the past-president of the International Society for the Study of Vascular Anomalies.



The **Interventional Radiology program** at Children's Hospital of Wisconsin treats over 3000 children every year and is recognized as one of the top pediatric medical centers in the nation. There are fewer than 100 trained pediatric interventional radiologists in the United States, and Children's is proud to have four of these innovative specialists on our staff. Our experts have additional years of fellowship training and continue to develop novel and effective means to treat and diagnose vascular anomalies.

Interventional Radiology is a unique specialization that uses image guidance techniques to locate and treat specific lesions inside the body. Various imaging tests, such as X-rays and ultrasounds, allow the doctor to use small surgical tools to treat these diseases and conditions in targeted areas of the body.

Many conditions can be treated with minimally-invasive procedures instead of surgery and can be done in an outpatient setting without requiring admission to the hospital. Patients frequently return home the

same day with just a few bandages to cover the small incision area. Children who are candidates for minimally-invasive procedures tend to recover faster and experience less pain and discomfort afterwards compared to more invasive surgeries.

## Program Highlights

- All of the radiologists at Children's are board certified or have received additional training in pediatric radiology. Many of our specialists continue to expand on their expertise by earning additional certifications and subspecialty concentrations.
- Patient safety is our No.1 concern. Careful steps are taken when using imaging equipment to provide the safest environment possible to minimize radiation exposure. We use non-ionizing tests, such as MRI or ultrasound, when clinically necessary, to get the most accurate diagnosis.
- Children's participates in and promotes the Image Gently campaign, an initiative of the Alliance for Radiation Safety in Pediatric Imaging. The goal is

to raise provider awareness on when to use imaging tests, based on medical need, that use little or no radiation.

- Our interventional radiologists offer a unique team approach and work as members of multidisciplinary teams with nearly every pediatric specialty within the hospital. During a single appointment visit, patients will be seen by one of our four interventional radiologists, their images will be reviewed, treatment plans will be established and follow-up education will be provided.
- Children's Hospital of Wisconsin is the third pediatric hospital in the nation to be awarded the Diagnostic Imaging Center of Excellence™ designation by the American College of Radiology. The Imaging Program at Children's is one of the nation's leading programs for children, with a team made up of more than 250 pediatric radiologists, nurses and technologists who have special training to care for infants, children and teens.
- Our interventional radiologists are available 24 hours a day, 7 days a week.
- Many of our patients are referred to us by providers located around the world. We have many families who are willing to travel long distances so their child can receive the best treatment options our experts can offer.
- We cherish and respect the connection between parents and their children. We actively encourage parents to be closely involved in their child's treatment program. Experience shows that

strong parental involvement has a calming influence on the child and in many cases, reduces the need for sedation during imaging tests.

- Our experienced technologists know how to relate to kids. They have the expertise to put your child at ease and will educate both you and your child about what to expect during an imaging scan. They use lead shielding to protect the body from radiation and have developed special techniques to position your child correctly to get the best image taken the first time.
- Our child life specialists help to calm and relax your child before, during and after a scan. They provide many distraction and relaxation techniques, such as breathing exercises, music, movies and games to help your child cope during a test.