

## PREPARING FOR YOUR CHILD'S RADIOLOGY EXAM

Your physician has ordered a radiology exam for your child from Wake Radiology Pediatric Imaging. We are pleased to serve you and ask that you follow the important directions below in preparation for your procedure. If you have any questions, don't hesitate to call WR Express Scheduling at 919-232-4700.

### ROUTINE EXAMS

- X-Ray:** No prep necessary

### FLUOROSCOPY

- Barium Swallow or Esophagogram:** Upper GI and/or Small Bowel. Nothing by mouth after midnight on the day prior to the exam, or for at least 4 hours prior to the exam if it is scheduled in the afternoon. Infants may have normal feedings until four hours prior to the examination. Please bring the child's own bottle with nipple to the appointment. Several hours of follow-up may be necessary for the small bowel study. Patients who have an ostomy should bring an ostomy bag/appliance to the procedure with them.
- Enema – unprepped (Hirschsprung/Constipation):** For evaluation of Hirschsprung's disease or constipation, no prep is necessary. Nothing in the rectum for 24 hours prior to exam (including suppository, enema, thermometer, or rectal exam).
- Enema – prepped (rectal bleeding or polyps):** A detailed 24-hour instructions for the required prep is available on our Website and will be provided at the time of scheduling.
- Enema – other:** For all other indications, please discuss with the radiologist to determine the appropriate prep.
- Voiding Cystourethrogram (VCUG):** No prep is needed.

### ULTRASOUND

- Abdomen, Liver, Gallbladder, Pancreas, Aorta:** Nothing to eat or drink for six hours prior to the examination. Infants should have nothing by mouth for 4 hours, if possible.
- Renal, Thyroid, Breast, Head, Neck, Spine, Hips, Scrotum:** No preparation needed
- Pelvic:** Patients must have a full bladder for the ultrasound. Encourage your child to drink fluids beginning approximately one hour prior to the examination.
- Pyloric Stenosis:** Nothing to eat for two to three hours prior to the examination.
- Intussusception, Urachal Tract:** No prep

### NUCLEAR MEDICINE

- Hepatobiliary Scan:** No prior barium studies for 3-5 days prior to scan. Nothing to eat or drink for 6 hours prior to the examination.
- CCK Hepatobiliary Scan:** Same as above. Must have recent (within 3 months) negative ultrasound for gallstones.
- Gastric Emptying Scan:** NPO (nothing by mouth) after midnight (or for 6 to 8 hours prior to the examination). Postpubertal girls should be on day 1-10 of their cycle. No recent barium studies.
- Thyroid:** Do not take thyroid medications for 2 weeks prior to scan. No CT or IVP for 6 weeks prior to scan.
- All Bone Scans:** Hydrate well before study.
- All Renal Scans:** Hydrate well before study.
- Nuclear Cystogram:** No prep.
- Meckel's Scan:** Nothing by mouth for 2 to 4 hours prior to the exam. Cimetidine 20 Mg/kg/day for the two days prior to the exam. (1 kg = 2.2 lbs)

### BONE DENSITOMETRY

Bone Densitometry Scan. No solid pills containing calcium for 24 hours prior to study. No IV contrast, barium studies or nuclear medicine studies for 1 week prior to exam.

### COMPUTED TOMOGRAPHY (CT SCAN)

In the interest of providing the safest care to our pediatric patients, sedation is not available for outpatient pediatric CT scans at our West Raleigh office. Any patient needing sedation for a study can be referred to WakeMed, where one of our pediatric radiologists is stationed. All patients scheduled for studies involving intravenous (IV) contrast should do the following:

1. Drink plenty of fluids during the day and evening prior to the exam.
2. Do not eat anything for 4 hours prior to the study. Patient should take his or her usual medications with small sips of water during that period.

**Note:** For patients who have recently (within 7 to 10 days) had x-ray studies involving Barium, CT scans of the abdomen, pelvis or lumbar spine may need to be postponed if there is residual Barium in the intestines.

**Abdomen or Pelvis CT:** These studies require oral and intravenous contrast. Patients should arrive at our office 1 hour prior to scheduled exam time to drink oral contrast.

**Chest or Neck CT:** These studies typically require intravenous (IV) contrast, but no oral contrast. If scheduled for a chest CT, please bring any recent chest x-rays to the office.

**CT Spine, Extremities or Joints (wrist, foot, knee, etc):** These studies generally do not require any prep. Please bring any x-rays that relate to the area being scanned.

### MRI/MRA/MRV

Please note that outpatient pediatric MRI studies are performed at our Raleigh MRI office. If sedation is needed, be aware that additional patient preparation may be required.

**MRI/MRA/MRV:** No prep is required for these studies.

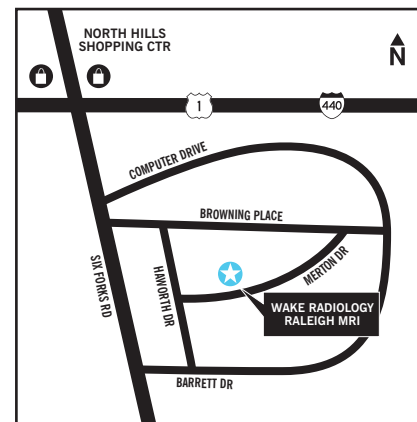
**MRCP:** No food or drink after midnight, or for at least 6 hours prior to the study.

**Pelvis:** Patients should have a small meal before the exam if sedation is not being used.

**PET/CT:** Please refer to the separate patient prep instruction pamphlet or go to [WakeRad.com/procedures/PETCT](http://WakeRad.com/procedures/PETCT).

## WAKE RADIOLOGY PEDIATRIC IMAGING CENTER

4301 Lake Boone Tr., #103 | Raleigh, NC 27607  
919-781-6707.



## MRI PATIENT SAFETY QUESTIONS

The following items can interfere with your MRI study and can be hazardous to your safety. Please read the questions below carefully and if the response to any of the questions is YES, please call us at 919-782-7666 for further consultation prior to this appointment.

- Yes  No Aneurysm clips or vascular (blood vessel) surgery?
- Yes  No Brain surgery?
- Yes  No PACEMAKER? If yes, type \_\_\_\_\_
- Yes  No Implanted Cardiac Defibrillator?
- Yes  No Heart surgery, (e.g., valves, stents)?
- Yes  No Electronic implant or device?
- Yes  No Neurostimulator or spinal cord stimulator?
- Yes  No Insulin pump or other infusion pump?
- Yes  No Stents, filters, coils or shunts?
- Yes  No Eye surgery, implants or tattooed eyeliner?
- Yes  No Ear surgery, cochlear implants or other implants?
- Yes  No Gunshot or shrapnel injury?
- Yes  No Eye injury involving metal slivers, or shavings? Metal or grinding worker?
- Yes  No Small bowel endoscopy camera?
- Yes  No History of kidney failure or kidney disease? Are you on dialysis?
- Yes  No History of an allergic reaction to MRI or CT contrast?
- Yes  No Hair piece, wig or hair pins?
- Yes  No Medicated skin patches?
- Yes  No Joint replacement or implants?
- Yes  No Bone/joint pin, screw, plate, etc.?
- Yes  No Orthopedic or prosthetic device?
- Yes  No Spine Surgery?
- Yes  No Tissue expanders (e.g. breast)?
- Yes  No History of cancer?
- Yes  No Pregnant or breast feeding?
- Yes  No Drug allergies?

If you answered YES to any of these questions, your scheduled MRI may be postponed. Please call 919-782-7666 with questions!

**WAKE RADIOLOGY RALEIGH MRI CENTER**  
3811 Merton Drive | Raleigh, NC 27609  
919-782-7666.

