CT Scan
(Computerized Tomography)

Appointment Date & Time ____/____/_____ at ________:_______

[ ] Children’s Mercy Hospital (2401 Gillham Road, Kansas City, Missouri)
[ ] Children’s Mercy South (5808 West 110th Street, Overland Park, Kansas)

Please arrive in the Radiology department 1 hour before your child's scheduled appointment time unless otherwise instructed.

- Your child may feel some gas and cramping for a few hours after the procedure.
- Patients who will be having an abdomen or pelvis CT scan will need to arrive in the Radiology department 2 hours before the scheduled appointment time so the patient can drink the oral contrast prior to the scan, if not receiving sedation.
- Patients who will require sedation or general anesthesia for completion of an abdomen or pelvis CT will need to arrive in the Radiology department 3 hours before the scheduled appointment time. A Radiology nurse will contact you 2 days before the child’s appointment to discuss when the child needs to stop eating and drinking before the CT scan.
- If you have any questions or need to reschedule the appointment, please call (816) 234-3270.

Please do not allow your child to have anything to eat or drink after _____:_____ in preparation for the IV contrast.

The Test:

Your child has been scheduled for a special type of x-ray (CT scan) that takes pictures of the part of the body that needs to be examined. In preparation for the test, your child may be given medicine to calm him. This will help him hold still during the scan.

Before starting the scan, a tiny tube (IV) may be placed in a vein to allow for medicine and/or IV contrast material to be given if needed.

Your child will be placed on a padded table. Tape or straps may be used to hold his head and body still so the pictures will not be blurry. The table will be moved inside the opening of the machine. The technologist will go into an adjoining room to run the machine, but a window and intercom permit constant observation of your child during the test. In some cases, parents may remain in the scanning room with their child, but will need to wear a protective apron. The CT machine makes a whirring sound as it scans in a stepwise fashion. The computer then prepares pictures of the sections of the body surveyed.

After the Test:

Your child will be returned to his room if he is admitted to the Children’s Mercy Hospital or brought to you if he is an outpatient. He may be sleepy if sedation medicine was given. He will not be released until he is awake and you are comfortable taking him home.
**Other Information:**

It is important for you to tell the technologist and nurse before any medication is given, if your child:

1. Has an allergy to any foods, medicines, or iodine – because the medicine used is iodine-based.
2. Has ever had a reaction to this procedure.
3. Has a significant kidney or cardiac history.
4. Is a girl 10 years or older - she will need to provide a urine specimen upon arrival for a pregnancy screening.

**Results:**

Call your child's doctor at least 24 hours after the test has been completed to obtain the test results.

We welcome and encourage your involvement whenever possible during your child’s examination. Therefore, we recommend that you arrange child care for your other children during the test.