

## Welcome to Central Ohio Urology Imaging

### APPOINTMENT:

Day: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Your provider has ordered the following testing which can be completed at one of our conveniently located offices.

**Questions? Call us at (614) 396-2684**

### LOCATIONS:

701 Tech Center Drive  
Gahanna, OH 43230

350 W. Wilson Bridge Road  
Worthington, OH 43085

## CT Studies

- CT Stone Study:** A non-contrast study of your abdomen and pelvis. This test will require you to lie on your back for about 5 minutes.
- CT Urogram:** A combination non-contrast and contrast study of your abdomen and pelvis. The combination study provides our radiologists a way to compare abdomen and pelvic structures without contrast, and then a similar scan using IV contrast. The entire test takes about 15-20 minutes. You will need to drink 16oz of water 2 hours prior to your scan. You do not have to hold the water in your bladder.
- CT Abdomen/Pelvis:** A dual contrast study of your abdomen and pelvis. You will need to arrive 2 hours prior to your scan time to drink oral contrast. Upon completion of the oral contrast, you will be given an IV for dye administration during your scan. The entire test takes about 15-20 minutes.
- CT Chest:** A study done with or without contrast, depending on the physician order, from the top of the lungs through the lowest portion of the lung field. This test takes about 15-20 minutes for completion.
- CT Renal (Kidney):** A study of the abdomen and pelvis with and without contrast to review known abnormalities of the kidneys found in previous testing. The combination of non-contrast and contrast views of the kidneys provides the physician with preliminary and timed injection sequences of the kidneys. You will need to drink 16oz of water 30 minutes prior to your scan. You do not have to hold the water in your bladder.
- CT Cystogram:** This is a CT of your bladder. The exam takes about 30 minutes. You will need a Foley catheter in place prior to your scan. If you do not already have a Foley catheter in place, you will need to schedule a nursing appointment prior to your scan to have the catheter inserted. A contrast dye will be inserted through the Foley catheter into your bladder. The technician will then take several images of your bladder. The contrast will then be drained from the bladder and several more images taken. If you required a nurse visit for the Foley catheter insertion, you will then be directed back to the nurse to have the catheter removed.

Multiple studies can be ordered or a study can be limited to a portion of the above listed common scans. Your scheduler may refer you to the radiology department for questions concerning how the scans are performed and why they differ from the above details.

## General Information for CT Imaging Studies

- If you are 60 years of age or older, a blood test called a GFR will be drawn to assess the health of your kidneys if we are administering IV contrast.
- The IV contrast, also called X-ray dye, can cause an allergic reaction. A previous allergic reaction will require you to be scanned at an area hospital with premedication ordered by your urologist. Please notify your scheduler if you have experienced an allergic reaction to IV contrast in the past.
- You will be asked to remove metal from the scanning area—usually zippers and belts.
- Scanner weight limit is 350 pounds actual weight.

## X-ray

- KUB X-ray:** This is a plain film X-ray that assesses the kidneys, ureters and bladder. This test has no preparation and takes approximately 15 minutes.
- Chest X-ray:** A chest X-ray produces images of the heart, lungs, blood vessels, airways and bones of the chest and spine. This test has no preparation and takes approximately 15 minutes.
- Intravenous Pyelogram:** Commonly known as an IVP, this is a series of X-rays that is done after a contrast media (dye) has been injected into your vein. The purpose of the test is to check the structure, details and function of the kidneys, ureters and bladder.

### To Prepare for IVP

- The day before the test:
  - Between 10:00am-5:00pm, drink 4, 8oz glasses of water.
  - At 1:00pm, pour entire bottle of magnesium citrate over ice, then drink it and take 2 Dulcolax tablets.
  - At 5:00pm, take 2 more Dulcolax tablets with 8oz of water.
  - Do not eat solid food or drink milk products.
  - Drink plenty of clear fluids the day before the test - for example: water, clear broth, fruit juices, jello or popsicles.
  - Do not eat or drink anything after midnight.
- Tell your doctor if you have severe asthma or a known dye allergy. You may need to have your test at the hospital with a premedication protocol. If there is a chance that you are pregnant, please let your doctor or imaging staff know.
- X-ray Cystogram:** This is a X-ray of your bladder and takes about 30 minutes. You will need a Foley catheter in place prior to your X-ray. If you do not already have a Foley catheter in place, you will need to schedule a nursing appointment prior to your X-ray to have the catheter inserted. A contrast dye will be inserted through the Foley catheter into your bladder. The technician will then take several X-rays of your bladder. The contrast will then be drained from the bladder and several more X-rays taken. If you required a nurse visit for the Foley catheter insertion, you will then be directed back to the nurse to have the catheter removed.

## Ultrasound

- Renal Ultrasound:** The ultrasound technologist will scan your kidneys and bladder area. To better visualize the bladder, you are required to drink 32oz of water 1 hour prior to your scan and hold it in your bladder. If you are a patient that self catheterizes, you do not have to do the water prep. The technologist will scan your bladder first and then you will be able to use the restroom. The technologist will finish scanning your kidneys. The test takes 30 minutes.
- Scrotal Ultrasound:** This is a scan of the testicular area. There is no prep, and the test takes 45 minutes.
- Penile Doppler Ultrasound:** This is a scan of the penile area. The test will take about 45 minutes. A medication intended to induce an erection will be injected during this appointment. An injectable medication will be called in to a compounding pharmacy, and you must bring the medication to your appointment.