

CT

Computed Tomography

Edited 12/2010 vcr

| Imaging Services CT Department | Prep Instructions |
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| For all Patients having a CT: | <p>*see special restrictions re: Metformin/Glucophage</p> <ul style="list-style-type: none"> ➤ Patients should wear loose, comfortable clothing without metal zippers and/or metal buttons or embellishments. ➤ Patients should leave their jewelry at home. ➤ Patients should bring a list of current prescriptions and Over-the-Counter medications with them. ➤ Patients should know or bring their medical history with them and be prepared to fill out history questionnaire. |
| A Special Note about Lab Results: | All Contrast exams require GFR or Creatinine results be no greater than 7 days old. If there is not a current GFR or Creatinine, a Point of Care GFR will be performed prior to the CT exam in the CT Dept. |
| CT of Head without Contrast | No special prep. |
| CT of Head with Contrast (IV) | Bun/Creatinine or GFR within normal limits. |
| CT of Orbits without Contrast | No special prep. |
| CT of Orbits with Contrast (IV) | Bun/Creatinine or GFR within normal limits. |
| CT IAC Temporal Bone w/ Contrast(IV) | Bun/Creatinine or GFR within normal limits. |
| CT IAC Temporal Bone without Contrast | No special prep. |
| CT Maxillary Facial without Contrast | No special prep. |
| CT of Mandible with Contrast (IV) | Bun/Creatinine or GFR within normal limits. |
| CT of Mandible without Contrast | No special prep. |
| CT of Sella Turcica with Contrast | Bun/Creatinine or GFR within normal limits. |
| CT of Sinus | No special prep. |
| CT of Neck | Bun/Creatinine or GFR within normal limits. |
| CT of Chest without Contrast | No special prep. |
| CT of Chest with Contrast (IV) | Bun/Creatinine or GFR within normal limits. |
| Chest CT Angio | Bun/Creatinine or GFR within normal limits. |
| CT Abdomen with Contrast (IV and Oral) | Bun/Creatinine or GFR within normal limits. Oral contrast 1 hour prior to exam. Or if diagnosis is related to small bowel, (i.e. Crohns, IBS) patient must arrive 1 ½ hours prior to exam to receive Barium-based oral contrast. |
| CT Abdominal Aorta with Contrast (IV) | Bun/Creatinine or GFR within normal limits. |
| CT Abdomen and Pelvis W/ & W/O Contrast | Bun/Creatinine or GFR within normal limits. Oral contrast 2 hour prior to exam. Or if diagnosis is related to small bowel, (i.e. Crohns, IBS) patient must arrive 2 ½ hours prior to exam to receive Barium-based oral contrast. |
| CT of Pelvis without Contrast | No special prep. |
| CT of Pelvis with Contrast | Bun/Creatinine or GFR within normal limits. Oral |

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| (IV and Oral) | contrast 2 hour prior to exam. Or if diagnosis is related to small bowel, (i.e. Crohns, IBS) patient must arrive 2 ½ hours prior to exam to receive Barium-based oral contrast. |
| CT Abdomen and Pelvis with Contrast (IV and Oral) | Bun/Creatinine or GFR within normal limits. Oral contrast 2 hour prior to exam. Or if diagnosis is related to small bowel, (i.e. Crohns, IBS) patient must arrive 2 ½ hours prior to exam to receive Barium-based oral contrast. |
| CT Pelvimetry | If Ultrasound is requested on same day, US should be performed first |
| CT of Cervical Spine with Contrast (IV) | Bun/Creatinine or GFR within normal limits. |
| CT of Cervical Spine Post Myelogram | Must be performed one-hour post myelogram. |
| CT of Cervical Spine without Contrast | No special prep. |
| CT of Thoracic Spine without Contrast | No special prep. |
| CT of Thoracic Spine Post Myelogram | Must be performed one-hour post myelogram. |
| CT of Lumbar Spine without Contrast | No special prep. |
| CT of Lumbar Spine Post Myelogram | Must be performed one-hour post myelogram. |
| CT of Extremities with Contrast (IV) | Bun/Creatinine or GFR within normal limits. |
| CT of Extremities without Contrast | Must have extremity X-rays prior to CT. |
| Radiation Therapy with Contrast (IV) | Bun/Creatinine or GFR within normal limits. |
| CT-Guided Biopsies | Please Refer to Biopsy Prep Sheet. |
| CT Drainage/Aspirations | See Drainage Prep Sheet. |
| S.I./Facet/Paravertebral Injections | Must know level and side of injection |
| Stereotactic Brain Biopsy Seed Implant IV | Scheduled through Surgery Dept. Contact OR for special preps. |
| Brain Biopsy (IV) | Scheduled through Surgery Dept. Contact OR for special preps. |
| Celiac Block (IV) | Bun/Creatinine or GFR within normal limits. |
| <u>Contraindications for IV contrast:</u> | If any of these contraindications are present, contact the CT Department for recommendations from radiologist. |
| 1. Past allergic reaction to iodinated contrast media | |
| 2. Acute renal insufficiency | |
| 3. CHF | |
| 4. Pheochromocytoma | |
| 5. Multiple myeloma | |
| For CT-guided biopsies, patients must have *current results on the following labs: PT/PTT | *If the pt. is on anticoagulants or has other conditions which prolong bleeding, PT/INR and PTT results need to be the day of the procedure. If none of these are present, one (1) week prior to the day of the procedure is current enough. |
| For patients with surgical biopsy, e.g., tumor or lesions: no lab work required. | |
| Biopsy patients should have a *light breakfast and should be NPO Four (4) hours prior to procedure | Oral contrast must be obtained and given to the patient no less than one hour prior to the exam. |

* Light Breakfast = nothing heavier than 1 slice of toast, banana or apple (non-acidic fruit) and clear juice or coffee w/o cream * Metformin/Glucophage should be held for 48 hours post exam