

CT Contrast Recommendations by Indication

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| CT Exam | Indication | Without | With | Without/With |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------|
| Head | Headache, TIA, Dizziness, Trauma, Stroke, Mental status change, Memory loss | X | | |
| Head | Suspected Tumor or infection | | | X |
| Maxillofacial | Trauma | X | | |
| Maxillofacial | Facial mass, Infection | | X | |
| Orbits | Visual disturbance, Mass | | X | |
| Temporal bones | Hearing loss, Mastoiditis | X | | |
| Sinuses | Sinusitis | X | | |
| CTA Head | Suspected aneurysm or AVM | | X | |
| CTA Neck | Carotid/Vertebral disease | | X | |
| CTA Head/Neck | Stroke, Carotid/Vertebral disease | | X | |
| Neck | Neck mass, lymphadenopathy | | X | |
| Neck | Salivary calculus | | | X |
| Cervical | Trauma | X | | |
| Thoracic or Lumbar | Trauma, back pain | X | | |
| Chest | Cough, Pneumonia, Lung nodule, Abnormal chest radiograph | | X | never |
| Chest | Lung nodule | X | | |
| Chest low dose | Follow-up lung nodule, High risk | X | | |
| Chest high resolution | Suspected interstitial lung disease (inspiration, expiration and prone) | X | | |
| CTA Chest | Chest pain, Shortness of breath | | X | |
| CTA Chest | Suspected aortic dissection | | | X |
| Abdomen | Follow known abdominal process (Oral contrast also recommended) | | X | |
| Abdomen | Adrenal mass characterization | | | X |
| Abdomen/Pelvis | Abdominal pain, Mass, Metastatic disease, Pelvic pain or mass (Oral contrast also recommended) | | X | |
| Abdomen/Pelvis | Suspected renal calculus | X | | |
| Abdomen/Pelvis | Renal mass/cyst characterization, Hematuria, Hypervascular liver tumor, Hemangioma or Suspected abdominal aortic rupture/dissection | | | X |
| Abdomen/Pelvis | Acute GI bleed | | | X |
| CTA Abdomen/Pelvis | AAA, Post-prandial pain | | X | |
| CTA Abdomen/Pelvis | Post Aortic stent graft followup | | | X |
| CT Enterography | Small bowel disorder, Crohn's | | X | |
| Pelvis | Trauma | X | | |
| Extremities or Joints | Trauma | X | | |
| CTA Abd/Pelvis/lower extremities | Arterial insufficiency in lower extremity | | X | |