



CT REFERENCE CHART: WHAT TO ORDER AND HOW

CLINICAL INDICATIONS	With IV Contrast	With Oral Contrast	Without IV Contrast	With AND Without IV Contrast	WHAT TO ORDER	590 Eureka 64-Slice GE	625 Sierra Rose Multi-Slice Spiral CT Seimens	Elko Diagnostic Imaging 4-Slice GE Brightspeed
HEAD/BRAIN								
Headaches; Recent Trauma;			✓		CT Head without IV Contrast	✓	✓	✓
R/O Masses; Swelling; Facial Pain; Known CVA/Bleed				✓	CT Head with and without IV Contrast	✓	✓	✓
Inner Ear Canal; Temporal Bones			✓		CT IAC without IV Contrast	✓	✓	✓
R/O Accoustic Neuroma - in cases where patient is unable to have an MRI due to contraindications	✓				CT IAC with IV Contrast	✓	✓	✓
Sinusitis; Headaches/Frontal Facial Pain			✓		CT Sinus without IV Contrast	✓	✓	✓
R/O Mass; Swelling, Blurred Vision or Other Orbital Disease				✓	CT Orbits with & without IV Contrast	✓	✓	✓
Facial Trauma; Fractures; Dental Implant Studies			✓		CT Facial without IV Contrast	✓	✓	✓
SOFT TISSUE NECK EXAMS								
R/O Neck Mass or Neck Swelling - Difficulty Swallowing, Hoarseness, Mass	✓				CT Soft Tissue Neck with IV Contrast	✓	✓	✓
CT ABDOMEN & PELVIS EXAMS								
General Abdominal Pain; Nausea; Vomiting; Diarrhea; Constipation; Weight Gain/Loss; Cancer Staging/ Follow-up	✓	✓			CT Abdomen and/or Pelvis with Oral and IV Contrast	✓	✓	✓
Upper Abdominal Symptoms (from diaphragm to top of pelvic bones)	✓	✓			CT Abdomen with Oral and IV Contrast	✓	✓	✓
Lower Abdominal/Pelvic Symptoms	✓	✓			CT Pelvis with Oral and IV Contrast	✓	✓	✓
Mid-Abdominal and/or Generalized Symptoms	✓	✓			CT Abdomen & Pelvis with Oral and IV Contrast	✓	✓	✓
Kidney Stones (Known or Suspected)			✓		CT Abdomen & Pelvis without IV Contrast (no oral contrast)	✓	✓	✓
Hematuria / R/O Mass				✓	CT Abdomen & Pelvis with and without IV Contrast (no oral contrast)	✓	✓	✓
Virtual Colonoscopy			✓		Virtual Colonoscopy	✓		✓
Appendicitis, Diverticulitis	✓	✓			CT Abdomen & Pelvis with Oral and IV Contrast	✓	✓	✓
Mass (Pancreas, Adrenals*, Liver) To evaluate known masses		✓		✓	Multi-phase Abdominal CT with and without IV and Oral Contrast (3-Phase)	✓	✓	✓
*For Adrenal exams, please contact RDC for ordering specifics as they vary by exam and by individual.								
Small Bowel Disease (CT Entrography)	✓	✓			CT Abdomen & Pelvis with Oral and IV Contrast / CT Entrography	✓		✓
<i>Patient has to drink a special oral prep 1 hour prior to examination</i>								

ANGIOGRAPHY, CHEST, SPINE & EXTREMETY EXAMS ON REVERSE





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ANGIOGRAPHY								
Angiogram, Aneurysms Arterial stenosis, dissection	✓				CTA Abdomen & Pelvis with IV Contrast (no oral contrast)	✓		✓
Thoracic Aorta, Ascending Aortic Aneurysm	✓				CTA Chest with IV Contrast	✓		✓
CT CHEST EXAMS								
Abnormal Chest X-Ray; Lung Nodules; Masses Shortness of Breath; Cough; Congestion; Cancer; Chest pain	✓				CT Chest with IV Contrast	✓	✓	✓
Pulmonary Embolism, R/O PE	✓				CT Chest Pulmonary Angiogram with IV Contrast	✓		✓
Allergies to iodinated Contrast,			✓		CT Chest without IV Contrast	✓	✓	✓
Follow-up lung nodule			✓		CT Chest (low dose)	✓	✓	✓
Boney Thorax			✓		CT Chest without IV Contrast	✓	✓	✓
Interstitial Lung Disease (need PFT's in advance)			✓		CT Hi-Res Chest without IV Contrast	✓	✓	✓
CT SPINE EXAMS: CERVICAL, THORACIC & LUMBAR								
Back pain, Fractures, Immediate and Post Surgical Studies*			✓		CT Spine without IV Contrast	✓	✓	✓
*If Contrast is specifically requested by the Physician, this contrast will be administered Intrathecally (a needle is guided into the spinal column and contrast is injected into the thecal sac surrounding the spinal cord). This will require the patient to have a fluoroscopic study first during which the injection will take place, followed by a CT of the area in question.	✓ (Intrathecal)				CT Myelogram	✓		✓
CT EXTREMITIES								
R/O Suspected Fractures and/or Evaluate Known Fractures			✓		CT Extremity without IV Contrast	✓	✓	✓
Soft Tissue Masses - in cases where patient is unable to have an MRI due to contraindications, or due to Doctor specification				✓	Contact RDC for Best Protocol to Follow	✓	✓	✓
CT/PET FUSION								
Cancer Staging of Soft Tissue Neck, Chest, Abdomen and/or Pelvis	✓				CT/PET with IV Contrast	✓		
CT ARTHROGRAM								
Patient cannot get MRI, previous surgery, special instances	✓				CT Arthrogram	✓	✓	✓

HEAD/BRAIN, SOFT TISSUE, NECK & ABDOMEN/PELVIS EXAMS ON REVERSE

