

CT REFERENCE CHART: What to order and how to order it

Clinical Indications	With IV Contrast	With Oral Contrast	Without IV Contrast	With & Without IV Contrast	What to Order	
HEAD/BRAIN						
Headaches; recent trauma; known CVA/bleed			✓		CT head without IV contrast	✓
R/O masses; swelling; facial pain				✓	CT head with AND without IV contrast	✓
Inner ear canal; temporal bones			✓		CT IAC without IV contrast	✓
R/O acoustic 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 AND 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 <i>*For adrenal exams, please contact MFD for ordering specifics as they vary by exam and by individual.</i>				✓	Multi-phase abdominal CT with AND without IV (3-phase)	✓

Angiography, chest, spine & extremity exams on reverse.

**Exams may vary depending on patient's history.

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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, cancer, masses	✓				CT chest with IV contrast	✓
Lung nodules			✓		CT chest without IV contrast	✓
Shortness of breath, cough, congestion, chest pain	*		*	*	*Dependent on patient history	✓
Pulmonary embolism, R/O PE	✓				CT chest pulmonary angiogram w/ IV contrast	✓
Allergies to iodinated contrast			✓		CT chest without IV contrast	✓
Follow-up lung nodule			✓		CT chest (low-dose)	✓
Bony Thorax			✓		CT chest without IV contrast	✓
Interstitial Lung Disease (need PFTs in advance)*			✓		CT hi-res chest without IV contrast	✓
CT SPINE EXAMS: CERVICAL, THORACIC & LUMBAR						
Back pain with contraindications to MRI, Fractures, immediate & post surgical studies**			✓		CT spine without IV contrast	✓
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				✓	Call Mayfair Diagnostics for best protocol to follow	✓

*Pulmonary Function Tests

**Exams may vary depending on patient's history.

Head/brain, soft tissue, neck & abdomen/pelvis exams on reverse.