Computed Tomography (CT) Scans

Exam Reference/ Protocol Guidelines

Abdomen and Pelvis

The blue lines mark the four quadrants: Right Upper, Right Lower, Left Upper, Left Lower

A CT Abdomen begins at the yellow line and ends at the red line.

A CT Pelvis begins at the red line and ends at the purple line.

A CT Abdomen & Pelvis begins at the yellow line and ends at the purple line.



A CT Abdomen excludes the lower portions of the large and small intestines, where the appendix and common sites for diverticulitis are often found. The white arrows in the diagram point to common sites for the appendix, and the green arrows point to commons sites for diverticulitis.

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| --- | --- | --- | --- | --- | --- |
| Body Part | Indications | Exam Needed | Contrast | CPT Code | Additional Info |
| Abdomen/Pelvis | Abdominal PainAppendicitisBowel ObstructionDiverticulitisUmbilical/Ventral Hernia | CT Abdomen & Pelvis | PRN *or* With | 74177 |  |
| Abdomen/Pelvis | Kidney StoneFlank PainPainful Hematuria | CT Abdomen & Pelvis | PRN *or* Without | 74176 |  |
| Abdomen | Upper abdominal painSplenic lesion | CT Abdomen | PRN *or* With | 74160 |  |
| Pelvis | Pelvic painInguinal Hernia | CT Pelvis | PRN *or* With | 72193 |  |
| Pelvis | Hip pain | CT Pelvis | PRN *or*Without | 72192 |  |
| Liver | Liver mass/lesionCirrhosisHepatoma | CT Abdomen *or*CT Abdomen & Pelvis | PRN *or*Without & With | 74170 *or*74178 |  |
| Pancreas | Pancreatic mass/lesionPancreatitis | CT Abdomen *or*CT Abdomen & Pelvis | PRN *or*Without & With | 74170 *or*74178 |  |
| Kidneys | Renal mass | CT Abdomen *or*CT Abdomen & Pelvis | PRN *or*Without & With | 74170 *or*74178 |  |
| Kidneys/Bladder | Painless/Persistent HematuriaBladder cancer | CT Abdomen & Pelvis | PRN *or*Without & With | 7417876377 (3D) | “IVP protocol”Add 3D |
| Adrenal glands | Adrenal nodule/mass | CT Abdomen | PRN *or*Without & With | 74170 *or*74178 |  |
| Small Intestines | Crohn’s diseaseInflammatory bowel diseaseSmall bowel lesionIron-deficiency anemia | CT Abdomen & Pelvis | PRN *or*With | 74177 | “Enterography protocol” |
| GI System | GI Bleeding | CT Angio Abdomen & Pelvis | With and/or Without | 74174 |  |
| Aorta | Aortic aneurysm/dissection | CT Angio Chest *or*CT Angio Chest & Abdomen *or*CT Angio Chest & Abdomen & Pelvis *or*CT Angio Abdomen *or*CT Angio Abdomen & Pelvis | With and/or Without | 71275 (chest)74175 (abdomen)74174 (Abdomen Pelvis) | Varies based on region of interest |
| Renal ArteriesCeliac Artery | Renal artery stenosis/aneurysmCeliac artery stenosis/aneurysm | CT Angio Abdomen | With and/or Without | 74175 |  |
| Mesenteric Arteries | Ischemic bowelMesenteric artery occlusionMesenteric ischemia | CT Angio Abdomen & Pelvis | With and/or Without | 74174 |  |
| Chest, Abdomen, & Pelvis | TraumaMalignancySepsis | CT Chest, Abdomen, & Pelvis | PRN *or* With | 71260 and74177 |  |