

# Neuro Imaging

## CT-CPT Quick Reference

STUDY	CPT DESCRIPTION	CPT CODE	INDICATIONS FOR EXAM OR STUDY		CONTRAST REQUIRED?	SPECIALTY
<b>CT HEAD</b>	CT Head or brain without contrast	70450	Trauma Headaches CVA Stroke/Bleed Alzheimer's Memory loss/confusion	Shunt Check Hydrocephalus TIA Change in mental status Dizziness/Vertigo	No	<b>Neuro</b>
	CT Head or brain with and without contrast <i>Note: MRI brain with/without contrast is preferred.</i>	70470	Metastases/Known cancer Intracranial infection <i>Note: CT can be used if there are contraindications for MRI.</i>	HIV	Yes	<b>Neuro</b>
<b>CTA HEAD</b> Circle of Willis	CTA Head with and without contrast <i>Note: MRA Brain without contrast is preferred.</i>	70496	Aneurysm Family history of aneurysm <i>Note: CT can be used if there are contraindications for MRI.</i>	3rd nerve palsy Vascular malformation	Yes	<b>Neuro</b>
<b>CT ORBITS</b>	CT Orbits/Sella/Posterior fossa or ear without contrast	70480	Trauma Fracture	Foreign body Bony abnormalities	No	<b>Neuro</b>
	CT Orbits/Sella/Posterior fossa or ear with and without contrast	70482	Infection Abscess/Cellulitis	Pain Mass/Tumor/Cancer	Yes	<b>Neuro</b>
<b>CT SINUS</b>	CT Maxillofacial without contrast	70486	Sinusitis Mass Pain Foreign body	Congestion Nasal polyps Deviated septum Sinus headache	No	<b>Neuro</b>
<b>CT FACE</b> From orbits to mandible	CT Maxillofacial without contrast	70486	Trauma Pain	Fracture Bony abnormality	No	<b>Neuro</b>
	CT Maxillofacial with contrast	70487	Tumor Swelling/Mass in face	Infection Abscess	Yes	<b>Neuro</b>
<b>CT TEMPORAL BONES/MASTOIDS</b>	CT Orbits/Sella/Posterior fossa or ear without contrast	70480	Conductive hearing loss Tinnitus (ringing in ears) Cholesteatoma	Drainage in ear Mass Fracture	No	<b>Neuro</b>
	CT Orbits/Sella/Posterior fossa or ear with and without contrast <i>Note: MRI is usually preferred.</i>	70482	Acoustic neuroma/sensorineural hearing loss <i>Note: CT can be used if there are contraindications for MRI.</i>		As Determined by Radiologist	<b>Neuro</b>
<b>CT NECK</b>	CT Soft tissue neck with contrast	70491	Focal Mass Swollen lymph nodes Lymphoma	Dysphagia Goiter Esophageal cancer	Yes	<b>Neuro</b>
	CT Soft tissue neck with and without contrast	70492	Salivary gland stone		As Determined by Radiologist	<b>Neuro</b>
<b>CTA NECK ARTERIES</b>	CT Angiography neck with and without contrast	70498	Carotid stenosis Stroke/CVA/TIA	Bruit Abnormal carotid sonogram	Yes	<b>Neuro</b>
<b>CT SPINE</b>	CT Cervical without contrast	72125	Pain	Fracture	No	<b>Neuro</b>
	CT Thoracic without contrast	72128	Trauma	Post-op/Fusion		
	CT Lumbar without contrast	72131	Degenerative disc disease			

# Body Imaging

## CT—CPT Quick Reference

STUDY	CPT DESCRIPTION	CPT CODE	INDICATIONS FOR EXAM OR STUDY		CONTRAST REQUIRED?	SPECIALTY
<b>CT ABDOMEN: General</b>	CT Abdomen with contrast	74160	Upper abdominal pain RUQ or LUQ pain Abnormal abdominal US Neoplasm	Mass Unexplained weight loss Hernia Trauma	Yes	<b>Body</b>
<b>CT ABDOMEN: LIVER</b>	CT Abdomen with and without contrast <i>Note: MRI Abdomen may be preferred in some circumstances. Consult the radiologist.</i>	74170	Increased LFTs RUQ pain Abnormal abdominal US Jaundice History of liver cancer Liver transplant	Hepatoma Hemachromatosis Hemangioma Hepatitis Cirrhosis	Yes	<b>Body</b>
<b>CT ABDOMEN &amp; PELVIS: General</b> From lung bases to pubis	CT Abdomen & Pelvis; with contrast	74177	Generalized abdominal pain/ Pelvic pain Mass RLQ or LLQ Pain Appendicitis Lymphoma Nausea/Vomiting/Diarrhea Ventral hernia Bloody stool Ovarian cancer staging Neoplasm Prostate/Colon cancer staging Abnormal lower abdomen/pelvic US All cancer staging except melanoma or carcinoid	Pelvic pain Unexplained weight loss Trauma Rectal bleeding Constipation/Obstruction Inflammatory bowel disease METS Diverticulitis Diverticulosis Peritoneal infection/abscess	Yes	<b>Body</b>
	CT Abdomen & Pelvis; without contrast 1 or both with contrast 1 or both	74178	Cancer staging for melanoma or carcinoid		Yes	
<b>CT PELVIS: Soft Tissue</b> From iliac crest to pubis	CT Pelvis with contrast <i>Note: MRI Pelvis is generally preferred for gynecological indications. Consult the radiologist.</i>	72193	LLQ or RLQ pain Pelvic pain Groin pain Abnormal pelvic US Pelvic mass Infection Abscess	Ovarian cancer Umbilical/Lower ventral hernia Trauma Adnexal mass Soft tissue mass Cellulitis Tumor/Mets	Yes	<b>Body</b>
<b>CT ABDOMEN &amp; PELVIS: ENTEROGRAPHY</b>	CT Abdomen & Pelvis; with contrast	74177	Crohn's disease Suspected small bowel tumors Mesenteric/Intestinal bleeding Suspected GI bleeding Evaluation of bowel patency		Yes	<b>Body</b>
<b>CT CHEST: General</b>	CT Chest with contrast	71260	Abnormal CXR Adenopathy Pneumonia Cough Hemoptysis Sarcoidosis Hilar abnormality Hx Cancer/Tumor/Mets Chest pain Pulmonary embolism Aortic dissection	Neoplasm Abscess Pulmonary nodule Enlarged aortic arch Lung lesion Lymphadenopathy Asbestos exposure Shortness of breath Abdominal aortic aneurysm Thoracic aneurysm Chest wall pain/mass	Yes	<b>Body</b>
<b>CT CHEST: HIGH RESOLUTION</b>	CT Chest without contrast, high resolution	71250	Interstitial disease Fibrosis Bronchiectasis Hypersensitivity lung disease	COPD/Emphysema Asbestos exposure Lung nodule	As Determined by Radiologist	<b>Body</b>

Body Imaging - Continued on next page

# Body Imaging - Continued

## CT-CPT Quick Reference

STUDY	CPT DESCRIPTION	CPT CODE	INDICATIONS FOR EXAM OR STUDY		CONTRAST REQUIRED?	SPECIALTY
<b>CT ABDOMEN &amp; PELVIS: RENAL STONE PROTOCOL</b>	CT Abdomen & Pelvis without contrast	74176	Hematuria Flank pain Low back pain Urinary frequency	Stone Prostatitis Dysuria	No	<b>Body</b>
<b>CT ABDOMEN: TRI-PHASE RENAL</b>	CT Abdomen with and without contrast	74170	Hematuria Flank pain Hydronephrosis Low back pain Abnormal US	Renal failure/Mass/Transplant Hypertension History of renal cancer History of stones Polycystic kidney disease	Yes	<b>Body</b>
<b>CT ABDOMEN &amp; PELVIS: UROGRAM</b> Urinary system, kidneys to bladder	CT Abdomen & Pelvis; without contrast 1 or both with contrast 1 or both	74178	Abnormal cystogram Painless hematuria Bladder mass or tumor	History of renal cancer Abnormal renal US Suspected renal mass	Yes	<b>Body</b>
<b>CT ABDOMEN: ADRENAL</b>	CT Abdomen with and without contrast	74170	Adrenal mass		Yes	<b>Body</b>
<b>CT ANGIOGRAPHY ABDOMEN</b>	CT Angiography, Abdomen, with contrast including non-contrast images if performed and image post-processing <i>Note: Some indications also require CTA Pelvis to fully evaluate condition.</i>	74175	Renal artery stenosis Mesenteric ischemia	Trauma	Yes	<b>Body</b>
<b>CT ANGIOGRAPHY ABDOMEN &amp; PELVIS</b>	CT Angiography, Abdomen and Pelvis, with contrast including non-contrast images if performed and image post-processing	74174	Dissection Retroperitoneal bleed Abdominal aortic aneurysm (AAA)	Pre-stent grafting Abnormal US	Yes	<b>Body</b>
<b>CT ANGIOGRAPHY RUNOFF: ABDOMEN &amp; BILATERAL LOWER EXTREMITIES</b>	CT Angiography, Abdominal Aorta and Bilateral iliofemoral lower extremity runoff, with contrast including non-contrast images if performed and image post processing <i>Note: Some indications may be better visualized with MRI or ultrasound.</i>	75635	Claudication PVD Pre/post ops for stent grafts Venous thrombosis (not clear on other imaging)	Preop for aortoiliac occlusion Vasculitis	Yes	<b>Body</b>

**Body Imaging Physician Hotline:** 919-453-1127 (M-F 8am-5pm) | **Pediatric Physician Hotline:** 919-782-4830 (M-F 8am-5pm)

**Main Scheduling:** 919-232-4700 (choose option 3) **Main Fax:** 919-235-3940 **Chapel Hill Scheduling:** 919-942-3196 **Chapel Hill Fax:** 919-933-9925

# Orthopedic/MSK & Sports Imaging CT–CPT Quick Reference

STUDY	CPT DESCRIPTION	CPT CODE	INDICATIONS FOR EXAM OR STUDY	CONTRAST REQUIRED?	SPECIALTY	
<b>CT EXTREMITIY:</b> <b>Upper</b> hand, wrist, elbow, radius/ulna, humerus, shoulder, SC joint	CT Extremity with contrast	73201 73701	Infection Tumor/Mass/Cancer/Mets <i>Note: MRI is more sensitive</i>	Yes	Ortho	
	Upper Extremity with contrast Lower Extremity with contrast					
<b>Lower</b> foot, ankle, knee, hip, tibia/fibula, femur	CT Extremity without contrast	73200 73700	Pain Arthritis Fracture	No	Ortho	
	Upper Extremity Lower Extremity					
<b>CT PELVIS:</b> <b>BONY HIPS</b> <b>ACETABULUM</b>	CT Pelvis without contrast <i>Note: MRI Pelvis may be preferred in some circumstances. Consult the radiologist.</i>	72192	Pain Fracture Cancer/Mets	Arthritis Bone Lesions	No	Ortho