

Specialty	Indication	Recommended Imaging Exam
Breast	New palpable lesion / Nipple discharge/ Focal pain	Diagnostic mammogram & US (if ≥ 30 y/o) Breast Ultrasound (if < 30 y/o)
	Annual screening mammography ≥ 40 y/o	Screening Mammogram W/ Tomosynthesis
	Post lumpectomy – routine follow-up	Screening Mammogram W/ Tomosynthesis
	Breast cancer staging / High risk for breast cancer (≥20% lifetime risk of breast cancer)	Breast MRI W &W/O Contrast
Cardiopulmonary	Lung nodules follow- up (not from screening)	CT Chest W/O Contrast
	Abnormal CXR / Cough / Cancer / Pain / SOB	CT Chest W/ Contrast
	Pulmonary embolus	PE Study - Chest CTA W/Contrast
	Aorta aneurysm or dissection/ Arteritis	Chest CTA W/Contrast
	High risk lung cancer screening	Lung Cancer Screening CT W/O Contrast
Gastrointestinal	Pain / Bowel obstruction/ Tumor / Infection Pancreatitis or Pseudocyst	CT Abd/Pelvis W/ Contrast
	Liver lesion / Cirrhosis / Hepatoma Abnormal CT Finding	MRI Abdomen W &W/O Contrast (If initial RUQ pain → ultrasound)
	Biliary pathology / Pancreatic / Mass	MRCP W &W/O Contrast
	Rectal cancer staging / Cervical or Uterine cancer staging/ Ovarian mass / Endometriosis	MRI Pelvis W &W/O Contrast
	Inflammatory bowel disease / Crohn's disease	CT Enterography W &W/O Contrast
Genitourinary	Hematuria/ Bladder or Ureteral tumor	CT Urogram W & W/O Contrast
	Flank pain / Renal colic	CT Renal stone W/O Contrast
	Renal mass	Renal MRI W & W/O Contrast
Musculoskeletal	Osteomyelitis / Avascular necrosis	MRI W/O Contrast (for area of interest)
	Chronic pain / Ligamentous or Tendon injury	MRI W/O Contrast (for area of interest)
	Tumor/ Inflammatory arthritis / AVM	MRI W & W/O Contrast (for area of interest)
	Trauma / Fracture Follow-up	CT W/O Contrast (for area of interest)
Neuro Brain or Spine (Please note any history of cancer may require contrast)	Trauma/ Fracture / Acute mental status change	CT Head W/O Contrast
	Ischemia / Memory loss /Dizziness	MRI Brain W/O Contrast
	Infection / Tumor / Demyelination Seizures >30 y/o / Headache	MRI Brain W &W/O Contrast
	Increased prolactin	MRI Pituitary W & W/O Contrast
	Sinus headache / Symptoms	CT Sinus W/O Contrast
	Hearing loss / Vertigo / Cranial nerve symptoms Cerebellopontine angle tumor	MRI Internal Auditory Canal W & W/O Contrast
	Chronic back or neck pain / Radiculopathy	MRI Spine W/O Contrast
	Neck mass or symptoms	CT Neck W/ Contrast

All Contrast exams: Patients over 60, diabetic or HTN will require a creatinine lab value within the last 60 days.
Pregnant patients do not receive Gadolinium.

These are general guidelines. We are always available for expert consultation. 605-342-2852