

Please note: These are general recommendations. Contact us if you'd like to consult a radiologist about contrast guidelines for your patient.

Per ACR guidelines, patients on Metformin are classified into one of two categories by renal function (as measured by GFR):

1. Patients with normal kidney function may continue taking Metformin before and after contrast without any restrictions.
2. For patients with acute kidney injury or stage IV/V chronic kidney disease, contrast is not given unless dialysis is scheduled within 24 hours. In those cases, Metformin should be paused at the time of the procedure, held for 48 hours and resumed only after renal function is reassessed.

| CONTRAST GUIDELINES | | WITH | WITHOUT | WITH/ WITHOUT |
|---------------------|--|------|---------|------------------|
| CT BRAIN | Cancer | | | ● |
| | Infection | | | ● |
| | CVA / TIA | | ● | |
| | Trauma | | ● | |
| | Headache | | ● | ● |
| NECK | All | | ● | ● |
| | Exception Salivary Stone, Mass, Swelling | | | ● |
| CHEST | Cancer / Inflammation / Infections | ● | | |
| | Nodules/ Fibrosis / COVID | | ● | |
| | Cough / Mass / Abnormal Chest X-ray | | | ● |
| ABDOMEN/PELVIS | Cancer / Weight Loss / Diverticulitis / Hernia | ● | | |
| | CA-Tumor-Cysts - Liver / Renal / Pancreas | | | ● |
| | Pain | ● | | |
| | Renal Calculi / Nephrolithiasis / Renal Stone | | ● | |
| | IVP / Urogram | | | ● |
| | KUB | | ● | |
| SPINE | Most | | ● | |
| | Post Surgery / Infection / CSF Leak | | | ● |
| BONES/JOINTS | Most | | ● | |
| | Cellulitis / Infection | | | ● |
| CTA | Pulmonary Emboli / Carotid / PVD | ● | | |
| | Dissection / Aneurysm | | | ● |
| MRI BRAIN | All | | ● | ● |
| MRI ABDOMEN | All | | ● | ● |
| MUSCULOSKELETAL | Most | | ● | |
| | Exception is Tumor / Infection | | | ● |
| MRI SPINE | Most | | ● | |
| | Exception: s/p Laminectomy / Surgery, Metastatic Disease / Infection | | | ● |
| MRCP | | | ● | ● |
| MRA HEAD | | | ● | ● |
| MRA CAROTID/NECK | | | ● | ● |
| MRA CHEST | | | | ● |
| MRA ABDOMEN | | | | ● |
| MRI BREAST | Cancer, Family History, Screening | | | ● |



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