

# OUTPATIENT INTRAVENOUS CONTRAST ORDERING GUIDE

## Outpatient CT Contrast Guidelines

- Contrast not recommended for patients with eGFR <30

### **Serum creatinine/eGFR must be obtained within 3 months for any outpatient with:**

- History of kidney problems (kidney transplant, single kidney, kidney cancer, kidney surgery, or dialysis);
- hypertension requiring medication;
- Diabetes;
- and All patients age 60 or older

**NO premedication** is necessary if there is a history of allergy to medication, food, iodine, asthma or gadolinium (MR) contrast media, regardless of number and severity.

### **Premedication required for:**

Patients with history of mild allergic-like reaction to iodinated contrast (CT) agent.\* **Contact CT dept with questions.**

**A non-contrast CT or alternative imaging exam is recommended in patients with a history of a severe iodinated contrast reaction of anaphylaxis.**

## Outpatient MR Contrast Guidelines

Phoenixville Hospital routinely uses the most stable group II contrast agents and therefore, serum creatinine/eGFR evaluation is **not** necessary.

These agents can be administered safely even to patients on dialysis.

**EXCEPTION: Eovist** (gadoxetate) is a newer group III MR contrast agent.

**Eovist** has only a few indications and is typically ordered by specialists to answer specific questions that cannot be addressed by our routine agents.

For **Eovist only**, eGFR is required within 3 months of exam for patients with history of kidney problems (kidney transplant, single kidney, kidney cancer, kidney surgery, or dialysis).

Administration of **Eovist** is safe with **eGFR of 30 or above.**

**NO premedication** is necessary if there is a history of allergy to medication, food, iodine, asthma or iodinated (CT) contrast media.

### **Premedication required for:**

Patients with history of allergic-like reaction to gadolinium contrast (MR) agent.\* **Contact MR dept with questions.**

**A non-contrast MR or alternative imaging exam is recommended in patients with a history of severe gadolinium contrast reaction of anaphylaxis.**

### **\*ADULT CT & MR contrast PREMEDICATION REGIMENS:**

1. Prednisone 50 mg PO at 13 hours, 7 hours and 1 hours before the study  
+/-50 mg Diphenhydramine (Bendaryl) IV, PO or IM 1 hour prior to study **OR**
2. Methylprednisolone (Medrol) 32 mg PO 12 and 2 hours before the study  
+/-50 mg Diphenhydramine (Bendaryl) IV, PO or IM 1 hour prior to study

Accelerated regimen requires at least 4 hours. Contact CT or MR department for details.

*Reference: American College of Radiology (ACR) Manual on Contrast Media – Version 10.3,2017*

