

## CT Guidelines for Creatinine Levels

02/04/13

The following guide will help to determine the type and volume of intravenous contrast dependent upon Renal history and creatinine level.

1. Normal renal history and function and/or <b>0.1 - 1.4 creatinine</b>	Normal volume and type of contrast indicated for CT
2. Both kidneys with a <b>1.5 - 2.0 creatinine</b>	<b>Visipaque</b> (with option of reduced volume)
3. *Single kidney with <b>0.1 - 2.0 creatinine</b>	<b>Visipaque</b> at reduced volume
4. *Single kidney (no available creatinine) <i>(Partial/Total Nephrectomy, Dialysis Patient, Renal Transplant, or any other problems involving patient renal history)</i>	Radiologist discretion
5. *Creatinine greater than 2.0	Contrast is not generally given but may be in special cases

If a patient is on dialysis, obtain information on whether the patient is receiving chronic dialysis or if they have been dialyzed as needed. A normal or decreased creatinine value may be the direct result of dialysis and not necessarily normal for that patient.

**\* Requires mandatory consultation with a Radiologist for decision as to type and volume of contrast; Consider having primary service consult Nephrology for IV Hydration or Mucomist.**