

## **IODINATED IV CONTRAST USE IN OTHER PATIENT POPULATIONS**

- **Repeat Dosing** – The technologist will obtain approval from a radiologist prior to administering another dose of iodinated IV contrast in patients who have received IV CT contrast within the previous 24 hours. It is recommended but not required to allow 24 hours after administering iodinated IV contrast before performing a second nonurgent/nonemergent CT with IV contrast.
- **Thyroid Cancer** –The technologist will obtain approval from a radiologist prior to administering either iodinated IV or iodinated oral contrast in patients with newly/recently diagnosed thyroid cancer. An attempt should also be made to obtain approval of the patient’s radiation oncologist and/or endocrinologist. The administration of iodinated contrast can reduce the effectiveness of subsequently administered radioiodine used for treating thyroid cancer by 50% for a few weeks after contrast administration.
- **Acute Asthma Flare** –The technologist will obtain approval from a radiologist prior to administering iodinated IV contrast in patients experiencing an acute asthma flare. These patients have an increased risk of an allergic-like reaction (including worsening bronchospasm).
- **Myasthenia Gravis** - The technologist will obtain approval from a radiologist prior to administering iodinated IV contrast. There is an approximately 6% risk of worsening respiratory distress if iodinated IV contrast is given.
- **Sickle Cell Disease, Multiple Myeloma and Pheochromocytoma** – These conditions are no longer considered contraindications to patients receiving low/iso-osmolar iodinated IV contrast.