

Injection of Gastrostomy (G-Tube) with Radiography to follow Protocol

Updated 10/2024, H. Monahan

Indication: Evaluation of gastrostomy tube (G-tube) location

Contrast: Contrast dose determined by the ordering provider using the guidelines below.

Water Soluble Contrast ONLY:

- Adult Dose:
 - Omnipaque (Iohexol) 350 mgI/mL - up to 100 mL per package insert
- Pediatric Dose: Omnipaque (Iohexol) 300 mgI/mL dosing chart per package insert as follows:

Age (years)	Per Dose
Less than three months	5 - 30 mL
Three months to 3 years	Up to 60 mL
Four years to 10 years	Up to 80 mL
Greater than 10 years	Up to 100 mL

Note: Typically, no more than 20 mL is necessary for adequate evaluation.

CONTRAINDICATIONS: Documented allergy to iodinated contrast.

NOTE: Approval for exam must be obtained from Radiologist prior to proceeding in the instance of a documented allergy to iodinated contrast material.

Protocol:

Contrast will be released to the ordering provider, who will be responsible for injecting or overseeing the injection of contrast by their nursing staff.

Note: Radiologic Technologists will NOT inject the G-Tube.

Protocol:

- Radiology will be called to perform a KUB on patient.
- When radiology arrives, the patient should be ready for immediate imaging.
- Contrast will be injected into the G-tube as indicated by the ordering provider.
- Immediately following the injection, a KUB will be obtained and sent for interpretation.
- The interpreting radiologist will finalize the report and if necessary, notify the ordering provider of the need for more contrast to allow definitive localization of the G-tube.
- Following interpretation by the radiologist the G-Tube should be flushed with 60 mL of water, pending approval by the ordering provider.