

# PATIENTS GOING FOR TESTS

## MRI/IR/Videofluoroscopy/Echo

### Indications

- To safely transport patients to tests or procedures outside of the NICU (MRI, PICC insertion, etc.).
- To ensure that tests and procedures can be performed safely.

### Key points

- **For MRI only:** For patients on medication drips, MRI tubing should be primed and added to the system at the TPN/syringe changes of the **evening BEFORE** the test. Ideally, only **ONE MRI** tubing should be added, and this tubing should be added as close as possible to the patient (between three-way and patient). In order for the patient to receive adequate doses of drips, this setup must run for **at least** one hour prior to attaching to patient
- Think about sedation and pain management for all patients requiring a test or procedure.
- Some methods of sedation (i.e. chloral hydrate) need time to take effect so consider this when timing the administration of a dose.
- Make sure your baby has their ID bracelet on.
- Stethoscope, baby's chart and O2 tank with bag & mask are required for every transport off the unit.
- Patients should be leaving for tests with the bare minimum in their isolette or crib (no toys, extra blankets, etc.).
- Even when the transport or resuscitation nurse are taking the baby for a test or procedure, it is the bedside nurse's responsibility to prepare the patient on time.
- If patient on respiratory support or has a difficult airway, coordinate with RT.

### Procedure

- For MRI (non-cooled patients)

How to get the baby ready	What equipment to get ready
<ul style="list-style-type: none"> <li>→ Sedation if necessary</li> <li>→ Feed baby at least one hour prior to test so baby is sleeping</li> <li>→ Remove PJs and cardiac leads (unless baby is unstable, then remove right before the test)</li> <li>→ Pacifier, sucrose</li> <li>→ Remove mobiles, toys, duvets, etc. from the baby's crib – minimize clutter</li> </ul>	<ul style="list-style-type: none"> <li>→ O2 tank with bag &amp; mask</li> <li>→ MRI pillow with 2 pillow cases</li> <li>→ MRI plugs and ear covers</li> <li>→ If the baby has drips or TPN infusing, special long MRI tubing must be primed and attached to patient before the patient leaves for test</li> </ul>

- For Interventional Radiology (i.e. PICC line insertion, NJ insertion, etc.)

How to get the baby ready	What equipment to get ready
<ul style="list-style-type: none"> <li>→ Sedation and pain management if necessary</li> <li>→ Pacifier &amp; sucrose</li> <li>→ Remove PJs (cover with white hospital blanket to keep warm)</li> <li>→ Remove mobiles, toys, duvets, etc. from the baby's crib</li> <li>→ If patient brought downstairs in isolette, ensure isolette is prewarming for after the test</li> </ul>	<ul style="list-style-type: none"> <li>→ O2 tank with bag &amp; mask</li> <li>→ If patient has drain (Replogle, chest tube, etc.) to LWS, check with medical team if want to maintain suction or change to straight drainage for test. <b>ALWAYS</b> bring clamp with you for chest tubes (in case of accidental disconnection).</li> <li>→ If suction to be maintained, get portable suction machine from transport nurse.</li> <li>→ Bring extra suction tubing with connectors</li> </ul>

- For Videofluoroscopy/Echo (i.e. NJ insertion, upper GI, small bowel follow through, video-swallow, heart echo, etc.)

How to get the baby ready	What equipment to get ready
<ul style="list-style-type: none"> <li>→ Pacifier &amp; sucrose</li> <li>→ Milk if patient is not NPO for test (eg. for heart echo)</li> <li>→ Remove PJs (cover with white hospital blanket to keep warm)</li> <li>→ Remove mobiles, toys, duvets, etc. from the baby's crib</li> <li>→ If patient brought downstairs in isolette, ensure isolette is prewarming for after the test</li> </ul>	<ul style="list-style-type: none"> <li>→ O2 tank with bag &amp; mask</li> <li>→ Parents can accompany and be present at bedside for this test if they wish</li> </ul>