AS AN ACADEMIC MEDICAL CENTER, MUSC offers benefits to the residents of South Carolina and beyond. The highly dedicated, professional team focuses on providing the most effective therapies available while also striving to develop new therapies within a highly active basic and clinical research program. These efforts are backed by facilities with the latest technology. This resource was developed to help patients understand more about their condition, treatment, or procedure. This handout is meant to be used as a guide to supplement your healthcare providers instructions. It is not intended to be used as a substitute for professional medical care. Only your physician can diagnose and treat a medical condition. Please consult your physician if you have any questions.

CONTACT INFORMATION:
Comprehensive Epilepsy Center
96 Jonathan Lucas Street
Suite 307 - MSC 606
Charleston SC, 29425
Telephone: 843.792.3223
Fax: 843.792.8626
Webpage: www.muschealth.com/epilepsy
Purpose:
To look inside your body without x-rays or surgery. It can show whether you have something wrong with your brain or nervous system, or if you have any muscle, bone, or organ problems.

Test:
The MRI is a large magnet, tube-shaped machine that goes all the way around you. The magnet will not hurt or touch you.
The MRI is shaped like a big circle with a tunnel through the middle. You will lie on the table which moves into the tunnel. Your body may be inside the tunnel. Once inside the tunnel, pictures will be taken. You will hear noises, but it will not hurt. The test lasts about 30-90 minutes. Children need to lie completely still for these tests to get a good picture. Children under 10 years old may need medicine to make them sleep or lie still. MUSC has the ability to perform a 1.5 Tesla or 3.0 Tesla MRI scan. Tesla is the unit of measurement to describe the strength of the magnet. These detailed tests help show any abnormal areas that may be cause the problem or seizures.

Important Points:
* Please arrive 30 minutes before your appointment. (1 hour before if your child requires sedation.)
* Give medicines as usual.
* Remove jewelry, hairpins, glasses, belts, mascara, clothing with zippers, hearing aids.
* If your child has a Vagus Nerve Stimulator (VNS), an MRI can be done, but ONLY a 1.5 Tesla Scan. Please make sure you tell the Radiology Staff your child has a VNS device.
* Please contact the Radiology Department if you need to reschedule your test. (please reschedule if your child is sick with fever, cold, or congestion.) 843-792-9729
Guidelines for Children Needing Sedation For Radiology Procedures

<table>
<thead>
<tr>
<th>Age</th>
<th>Clear liquids</th>
<th>Formula/ Breast Milk</th>
<th>Solids</th>
<th>Upper Gastric Tube Feeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 6 months</td>
<td>Stop 2 hours before arrival</td>
<td>Stop 6 hours before arrival</td>
<td>Stop 8 hours before arrival</td>
<td>Stop 6 hours before arrival</td>
</tr>
<tr>
<td>Older than 6 months</td>
<td>Stop 2 hours before arrival (up to 6 oz)</td>
<td>Stop 6 hours before arrival</td>
<td>Stop 8 hours before arrival</td>
<td>Stop 6 hours before arrival</td>
</tr>
<tr>
<td>Teens</td>
<td>Stop 2 hours before arrival (up to 8 oz)</td>
<td>Stop 6 hours before arrival</td>
<td>No solids after Midnight</td>
<td>Stop 6 hours before arrival</td>
</tr>
</tbody>
</table>

*Stop Transpyloric feeds 2 hrs before arrival. * Take medication with one sip of water. *No colored or caffeinated drinks- only clear * All patients with delayed gastric emptying should be NPO at least 8 hours. Ex: Diabetes, Obesity, Pregnancy, Gastric Bypass, Trauma, or Chronic Renal Failure.

Questions for an RN please call 843-792-4392.