

Enterogastroesophageal Reflux

(2nd version Aug.16, 2020)

Purposes of this study:

1. To detect the existence of gastroesophageal reflux.
2. To evaluate the degree of gastroesophageal reflux.
3. To evaluate if there is an aspiration of reflux content into the lungs.

Procedure of this study:

1. Fasting for at least four hours is necessary before this study.
2. After drinking about 500 ml of water which containing 0.5 mCi of Tc-99m DTPA, a 5-minute static image will be taken on supine position. Then, compression over the abdomen will be performed to increase abdominal pressure which can increase the diagnostic sensitivity of this study. Another 5-minute image will be taken on supine position as well.
3. The whole test takes about 30 minutes.
4. Please keep still during scanning in order to achieve a high quality picture.
5. **If the evaluation of pulmonary aspiration is required, another chest image will be acquired in 1-2 hrs.**
6. This test is very safe. No severe side effect has been reported. Allergy could happen but very rare.

Other notices:

1. If you have any possibility of pregnancy, please tell us in advance. Pregnancy is a relative contraindication to this test.
2. Drinking plenty of fluids after the injection helps to achieve a high quality picture.
3. Remove jewelry and any metal objects that might interfere with the images.
4. Please keep still during scanning in order to achieve a high quality picture.
5. Please avoid contact with babies and pregnant women the day you receive the low dose radioactive isotope injection. No obvious side effects will occur when in touch with babies and pregnant women. Please do not worry. This test is very safe. No severe side effect has been reported. Allergy could happen but very rare.

Please feel free to contact us if you have any question.

TEL: 04-23592525 extend 4801

Email: nm@vghtc.gov.tw

**Nuclear Medicine Division
Taichung Veterans General Hospital**