

# Esophageal Transit Scan (solid or liquid)

(5<sup>th</sup> version Aug.3,2020)

## **Purposes of this study:**

1. To evaluate the transit of food in your esophagus.
2. To evaluate the function of upper, middle, lower segments of esophagus separately.

There are two types of this tests: one for liquid food and one for solid food.

## **Procedure of this study:**

1. Fasting for four hours is suggested before this study.
2. For liquid food study, you will be given few milliliters of water and be asked to hold it in the mouth. Please follow the technician's order to swallow the water. Sequential images will be taken for about 2 minutes..
3. For solid food study, you will be given a small piece of fried egg and be asked to hold it in the mouth. Please follow the technician's order to swallow the egg. Sequential images will be taken for about 2 minutes..
4. Please keep still during scanning in order to achieve a high quality picture.
5. We will evaluate the quality of the images right after image acquisition to see if it needs to be repeated.
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](mailto:nm@vghtc.gov.tw)

**Nuclear Medicine Division  
Taichung Veterans General Hospital**