

# Lung Perfusion and Ratio Study

(2<sup>nd</sup> version Aug.1, 2020)

## **Purposes of this study:**

1. The lung perfusion scan used sometimes to test the lung function before lung surgery, or to evaluate lung perfusion ratio in other clinical indication.

## **Procedure of this study:**

1. Fasting is not necessary for this study.
2. Perfusion scan: Our medical staff will inject tracer (Tc-99m MAA) into a vein in your hand or arm. The scanner will take images of your lungs. The examination time is about 20-30 minutes.

## **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.**

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