

## Lung perfusion and ventilation scintigraphy

The examination is used to determine the reason for shortness of breath or possibility of pulmonary embolism.

Please reserve approximately an hour for the examination.

If you are pregnant or suspect that you are pregnant, call the number listed in the arrival instructions. This examination is generally not carried out during pregnancy.

### Before the examination

You may eat and drink as usual. Take your medication as usual. Bring your prescriptions or a list of your medications with you to the test.

### During the examination

First, you will inhale a radioactive aerosol using an inhaler. The first scintigraphy scan will be taken immediately after inhaling the aerosol. The scan takes approximately 20 minutes.

After the first scan, an intravenous cannula will be placed into your arm and a small amount of a radioactive contrast agent will be administered via the cannula. A new scan will be performed immediately after the administration. This scan takes approximately 10 minutes.

During the scans, you will be lying down and you will need to remain still. The scans are painless.

### After the examination

Drink plenty of water and empty your bladder more frequently than you normally would. This is to make sure that the radioactive tracer leaves your body.

After receiving the radioactive contrast agent, do not hold a child or remain in prolonged close contact with children for the remainder of the day.

If you breastfeed, you must stop breastfeeding for 12 hours after the radioactive tracer is administered. The milk expressed during this period must be poured down the drain.

### Other things to note

Please take your health insurance card (Kela card) or identity card with you.

Your attending physician will inform you of the test results. Please contact the unit responsible for your care if you do not already have a scheduled appointment or a phone consultation with your doctor.

You will not be charged for the examination separately. Cancel the appointment if you cannot come. If you do not cancel, you will be charged a fine.



**Patient Instruction**  
Diagnostic Center  
Nuclear Medicine

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