

## **Osteomyelitis Scan**

Department of the test: Nuclear Medicine (NM)

Purpose of the test:

To detect/rule out the infection of bones, or evaluate treatment responses, depending on what your doctors want to look at.

Notes before the test:

1. You will have some radiation in this test.
2. Preparation before your test is not required.
3. Please don't bring pregnant women or children with you. We don't want to expose them to unnecessary radiation.

On the day of the test

1. Please check in first at our NM service counter.
2. First, you will have a bolus of radioactive tracer injected into your veins by our NM physician. Images will be acquired immediately. Then you will be given a break for 2-3 hours before taking delayed images. During the break, you should drink a lot of fluids (1000 c.c.) and go to the bathroom as you need.
3. After the break, you will return for pictures of your whole skeleton, taken for 30-60 minutes by our NM technologists. Please don't move during these pictures.
4. After the delayed images, you will have a bolus of radioactive gallium tracer injected into your veins by our NM physician.
5. You will be given a break for 1 day before pictures. Our NM doctors will ask you to have some laxatives in the evening before the day of pictures, helping you clear remaining tracer from the bowel.
6. After the break, you will return for pictures of your whole body, taken for 30-60 minutes by our NM technologists. Please don't move during these pictures.
7. Your test time may be lengthened if an additional spot view or a 3D tomography is needed.

Total duration of the test: About one and a half day.

Adverse drug effect of the test: Very rare.