

**Optimal imaging strategy in patients suspected of non-traumatic Pulmonary disease Chest X-ray or CT
The OPTIMACT trial**

If you participate in this study, depending on the month in which you visit the Emergency Department of the AMC a chest X-ray or ultra-low-dose chest CT will be performed.

Chest X-ray has a low radiation dose and is generally available.

Recent advances in CT-technology have resulted in a chest CT (ultra-low-dose chest CT) with a low radiation dose.

We want to investigate whether it is preferable to skip chest X-ray and directly perform an ultra-low-dose chest CT in patients with complaints of the lungs.

Both imaging methods are comparable in duration (5 min) and burden.

Patient consent for:

A Chest X-ray (X-thorax)

or

a Chest CT (CT-thorax)

O I do agree that at random one of the above mentioned examinations is performed

.....
Signature witness

Name and function:

After leaving the Emergency Department you will receive more information.

Name of investigator

Signature:

Date: __ / __ / __

Time:.....