

# Patient information

## **Name of study:**

Avoiding cardiac toxicity in lung cancer patients treated with curative-intent radiotherapy to improve survival.

## **Purpose of study:**

Many lung cancer patients are treated with radiotherapy, and while recent advances in this area have led to more people being treated successfully, it can cause severe damage to the heart.

Researchers from University of Manchester, The Christie NHS Foundation Trust and Leeds Teaching Hospitals NHS Trust will join forces to improve radiotherapy treatment for patients with lung cancer.

This study will determine if there are areas of the heart which are at greater risk of damage during radiotherapy, so that these areas can be avoided or protected during treatment. Reducing damage to the heart could improve one-year survival rates by around 10% and the findings could be applied in other cancers where radiotherapy may affect the heart such as breast cancer.

## **What type of information is collected?**

This study is looking at patients that have already completed their radiotherapy treatment for lung cancer at the Leeds Cancer Centre or The Christie Hospital, Manchester since 2013. We will look to use information that has been collected before and will not be contacting patients to get more information now. Eligible patients' medical and cancer information will be collected. Their radiotherapy plans will be reviewed and the dose to particular areas of the heart will be recalculated. All patient information will be anonymised prior to analysis and no identifiable data will be used.

## **Who may be included in the study?**

All patients who received radical radiotherapy for early/locally advanced lung cancer between 2013-2017 in Leeds and Manchester.

## **Where can I get more information?**

If you believe you may be involved with this study and wish to find out more, please contact [f.sun@nhs.net](mailto:f.sun@nhs.net) (email) or 0113 2433144(phone)

## Can I opt out?

If you do not wish your information to be used for this study, please contact:

[f.sun@nhs.net](mailto:f.sun@nhs.net) (Email) or 0113 2433144 (phone)