

A pilot study to compare supine and erect pelvis radiographs – assessment of impact on radiation dose and diagnostic quality (SEPRAIDD)

Why we are inviting you to take part in this research?

You have been referred for an x-ray (radiograph) of your hip or pelvis and we want to invite you take part in a research study looking at the best way to take these x-rays. Before you make your decision it is important for you to understand why the research is being done and what it will involve.

Please take time to read the information carefully. You may want to talk to others about the study before taking part. Please ask us if there anything unclear or if you would like more information. A telephone number has also been provided overleaf.

What is the purpose of the study?

X-Ray images are the most common tool for investigating diseases of the hip joint. Being able to compare these images over time is important. When patients have pelvic x-rays taken they are asked to lie on an x-ray table. We want to know whether it would be beneficial to take the x-ray standing up.

For some patients this may be more comfortable or may show different abnormalities. In the first part of this research we want to look at how the body changes between lying and standing.

What would taking part involve?

You are being asked to consent to a member of the radiographic team taking measurements of your height and weight before your x-ray examination, followed by body measurements taken at three points when you are standing and lying down. You will still only have the x-ray taken in the standard lying down position.

What are the possible benefits of taking part?

There will be no direct benefit to you in taking part.

These measurements will enable us to work out the best technique to take x-rays in the standing position to ensure the highest quality with the lowest possible radiation dose. A future part of the research will be to take the x-rays in both lying and standing positions.

What are the potential disadvantages and risks of taking part?

The disadvantage is the time taken to complete the consent process, and to undertake the measurements required for the study. This may take up to fifteen minutes.

Do I have to take part in the study?

No, it is up to you whether you choose to take part in the study.

When you attend for your appointment you may be asked whether you want to take part. Participation in the research is voluntary and if you wish to participate in this study, you will be provided with a consent form to sign. Even if you agree to take part on the day of your x-ray appointment you can change your mind.

Data Sharing

Your data will be made anonymous as soon as possible and will only be accessed by staff directly involved within the study, including the Mid Yorkshire Hospitals NHS Trust and the Universities of Bradford and Salford.

All study data will be held in secure locations and will be destroyed three years after the end of the study.

Study Results

A newsletter style copy of the study outcomes will be freely available to any participant who wishes to view it. In order to receive this, please leave an electronic contact on your consent form.

The findings of this study will be reported nationally and locally in the hospital newsletter.

The data and results stated in these publications will be anonymous.

Supporting Information

If you change your mind and wish to withdraw from the study please contact us on the telephone number below, up to the start of data analysis (1 month from end of recruitment). This will not affect your medical care in any way.

How to contact us:

If you have questions about this research study or wish to withdraw your data from the study, please contact us on :

01924 542297

or email

radiology.research@midyorks.nhs.uk

If you have general questions about taking part in research, please contact :

01924 543771