

IBM Watson Health Imaging Clinical Review Support Tool Study (IRAS Project ID 278884)

Who is responsible for your data?

As the Sponsor, IBM Watson Health is registered as the Controller with the Information Commissioners Office. A Controller is an organisation which is responsible for deciding how your information is handled and making sure that your information is protected and used appropriately. The Information Commissioner's Office is the organisation which makes sure that your information is handled properly.

For this research study, both IBM Watson Health and Sandwell and West Birmingham NHS Trust (SWB NHS Trust) will be Joint Data Controllers. Sandwell and West Birmingham NHS Trust's Data Protection Registration Number is **Z6719634** and IBM's Data Protection Registration Number is **Z5719761**. You can view Sandwell and West Birmingham NHS Trust's Data Protection Registration here: <https://ico.org.uk/ESDWebPages/Entry/Z6719634>.

You can view IBM's Data Protection Registration Number here: Sandwell and West Birmingham NHS Trust's Data Protection Registration here: <https://ico.org.uk/ESDWebPages/Entry/Z5719761>

Using Artificial Intelligence (AI) in the Imaging Department at Sandwell and West Birmingham

What we are doing

When you attend your appointment for an x-ray or medical scan, our specialist doctors look at these digital pictures to help them to create a report for your GP or hospital doctor.

In partnership with SWB NHS Trust, their specialist doctors need to look at many thousands of digital pictures every day, we intend to support them by using AI, which is a type of computer software that thinks about the digital pictures that we provide for it.

The digital pictures do not contain any information which directly tells us, or the artificial intelligence, who you are. This process does not affect your appointment time or your x-ray or medical scan.

Why we are doing it

We are using AI to think about digital pictures to help improve the quality of SWB NHS Trust's reports and for them to plan treatments for certain conditions. Their specialist doctors use their own clinical judgement with support from the AI findings to report your digital pictures more efficiently.

In addition, the AI will be used to help train their future specialist doctors.

How we are doing it

After your digital pictures are created, they contain your forename, surname, date of birth, gender and title, as well as your hospital number and your NHS Number. SWB NHS Trust remove all of this data from your digital pictures within the Hospital. This is called de-identification. SWB NHS Trust then use a secured link to send the digital pictures to the AI system based at a UK data centre in

London. The AI system uses software from IBM and is designed to think about these digital pictures and tell the hospital's specialist doctors what they find.

The hospital's specialist doctors use their own clinical judgment with support from the AI findings to review your digital pictures more efficiently. This ensures that your GP and hospital doctor high quality reports.

How long we keep your data

IBM Watson Health will only keep the de-identified data for the length of the project, which will be approximately 3 months. This research data will not be re-purposed by the sponsor or the researchers.

Before any electronic storage devices are disposed of, your data will be securely and permanently deleted.

Your rights

Under the General Data Protection Regulations you have a number of rights over how SWB NHS Trust handles the personal information they process about you as part of project, they are:

The right to object

You have the right to object to the processing of your personal data for a specific project. If you want to object, please see the contact details included in the Participant Information Sheet for the project.

The right of access

You have the right to request a copy of the personal data we hold about you; this will be provided free of charge. If you want to request a copy of the personal data we hold about you, please contact the Governance Support Unit on 0121 507 5836, or e-mail swb-tr.SWBHRecordsRequests@nhs.net.

The right to rectification

If you think that any of the data the hospital collects about you is incorrect or incomplete, you have the right to ask SWB NHS Trust to make it right.

The right to restriction of processing

If there is a disagreement regarding the accuracy or completeness of your personal data, access to your data, you may ask SWB NHS Trust to restrict it, where possible, until the accuracy of your data has been confirmed.

You can also request that a restriction on processing is placed on your personal data, where possible, if you need SWB NHS Trust to keep it longer than they normally would, so that you can establish, exercise, or defend any legal claims, or if you have objected to the processing and you are awaiting confirmation that your request has been actioned.

Right to withdraw consent

Where the legal basis for the Common Law Duty of Confidence is explicit informed consent, you have the right to withdraw consent at any time. It must be as easy to withdraw consent, as it is to give it. If you wish to withdraw consent at any time, you can contact the researchers, using the details provided in the Participant Information Sheet and/or the Research Information provided for you.