

USING ARTIFICIAL INTELLIGENCE IN THE IMAGING DEPARTMENT

1.

- The Imaging Department at Sandwell and West Birmingham NHS Trust are working with a global company called IBM Watson Health to support their research using new software which uses something called Artificial Intelligence (AI).

2.

- This research study will use information from your digital pictures that SWB collects as part of routine X-Ray or medical scans within their imaging department.

3.

- SWB would automatically enroll you into this research when you attend your appointment for a chest or abdomen X-Ray or medical scan.

4.

- You can stop being part of the study at any time, without giving a reason, and we will remove your record from the research database.

5.

- If you choose not to take part in the research, that is fine. If you wish to OPT-OUT please use tear-off slip at the end of this document and leave it at our X-ray reception.

6.

- The research will not affect your appointment time or how soon the report is sent back to your GP or hospital doctor.

7.

- The information we collect will show whether it is making a difference to your health.
- By collecting information from lots of people, we can use statistics to work out how well the AI is supporting the reporting of your digital pictures.

8.

- After you have had your scan, we will code details that can identify you.
- Then we will use a secure connection to send your de-identified digital pictures and reports directly to the AI based at a UK data centre in London.

9.

- If the AI flags a difference in your report, and the hospital specialist doctors review and confirm this, then they will arrange for the hospital doctors looking after you to be notified.

10.

- The research will be conducted over three months at Sandwell & West Birmingham NHS Trust, and complies with the General Data Protection Regulation (GDPR).

11.

- Research results will be presented and published during the course of the study and will be made available on the hospital website within a year of completion.

12.

- If you wish to discuss this research or withdrawal from it, please contact:
- Dr Bahadar Bhatia. bahadar.bhatia@nhs.net, Principal Investigator, Principal Medical Physicist.
- Dr Sarah Yusuf. sarah.yusuf@nhs.net Co-Investigator, Consultant Radiologist.

This information sheet is also available in audio and large print on request.

This information is also available at:
<https://www.swbh.nhs.uk/services/imaging/>

Privacy

- Your clinical care team remove details that identify a person before sending the selected pictures to the Artificial Intelligence.
- Are not used for any other purpose than that for this research either by SWB or IBM.

IT Security

- We implement robust IT security which involves a secure link to the London data centre and secured environment there.
- Are stored for a period of three months after which they are securely deleted permanently.

Data Protection Officer

- If you want to complain about how researchers have handled your information, you should contact the research team. If you are not happy after that, you can contact the Data Protection Officer at swbh.swbdpo@nhs.net.

Information Commissioner's Office (ICO)

- We have followed the Information Commissioner's Office guidelines to make sure we protect your picture and reports during this research
- If you are not happy with their response or believe they are processing your data in a way that is not right or lawful, you can complain to the Information Commissioner's Office (ICO) (www.ico.org.uk or 0303 123 1113).

Patient Advisory Liaison Service (PALS)

- The Patient Advice and Liaison Service (PALS) is a service that offers support, information and assistance to patients, relatives and visitors. They can also provide help and advice if you have a concern or complaint that staff have not been able to resolve for you.
- The Patient Advice and Liaison Service may be contacted by
- Phone: 0121 507 6440, 4080, 5892 10am – 4pm, Monday – Friday
- Email: swbh.complaints@nhs.net

Voicability Advocacy Service

- You can get independent advice to assist raising your complaint from:
- Voicability Advocacy Service
0121 303 1234
www.voiceability.org
- Advocacy services offer a free, impartial and independent service for people who wish to make a formal complaint about the NHS.

Thank You

We gratefully acknowledge your support in participating in this research study.

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If you wish to OPT-OUT please tear off this slip and leave it at X-ray reception. Thank you for reading this information leaflet and letting us know.

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I[Enter Name]

RXX.....[Hospital number from the appointment letter]

Do not wish SWB to use my data for this research.

.....[Enter Date]

.....[Enter signature]