The ARTICULATE PRO Study

(Artificial Intelligence for Cellular Pathology Transformation in Prostate Practice)

INFORMATION FOR PATIENTS

About this leaflet

This leaflet is to provide you with information about an exciting new study that is taking place in the John Radcliffe Hospital and two other hospitals: Southmead Hospital, Bristol and University Hospital, Coventry. The study is called ARTICULATE PRO.

What is the ARTICULATE PRO study about ?

The University of Oxford is leading an evaluation of a new technology called "Paige Prostate" in standard clinical care. Paige Prostate is a computer software system (also called artificial intelligence), which assists Pathologists with prostate biopsy reporting. The technology works by enhancing pattern recognition within images to find and present, in a more effective way, areas that are suspicious for cancer and to grade and quantify the cancer.

How is the technology used ?

At the moment, your biopsy and surgical samples are examined either as thin-section glass slides using a microscope, or as digital images on a computer screen and a diagnosis is made by a Pathologist (a Registered specialist medical doctor) in the Cellular Pathology department within the hospital.

In this project, the Pathologist will use the new technology to assist their diagnosis by viewing digital images using Paige Prostate software. However, it is important to note that it is still the Pathologist who will then make the final diagnosis and issue your report.

What are the benefits ?

We believe this technology will benefit patients in the longer term by providing an improved service. This is known as "service transformation". Using Paige Prostate will help to maximize the Pathologist's time, enabling them to focus on the evaluation of tissue and the patient diagnosis. The expected time savings through using this technology will assist rollout of an enhanced biopsy diagnosis service and may lead to improved patient outcomes.

The Paige diagnostic technology is being evaluated as part of our standard clinical care in a step-wise approach, beginning with three Hospital Trusts, and may also be used to help evaluate your tissue samples in the future.

How will my personal information be used?

Your personal details will be anonymised when the diagnostic technology (Paige Prostate) double-checks the samples and no-one outside of your normal clinical care team will be able to identify you. The information about your samples and diagnosis will not be used for any other purpose than to evaluate this technology. Any data held will be strictly governed and subject to all applicable regulations including GDPR.

You will not be asked to give specific consent to join the study as it is an evaluation of standard clinical care. You may wish to provide separate consent for research projects when you consent to your procedure.

Who is funding this service evaluation?

The evaluation is funded by the NHS Accelerated Access Collaborative (NHS AAC) and NHSx. The NHS AAC works to accelerate the introduction of ground-breaking new treatments and diagnostics which can transform patient care.
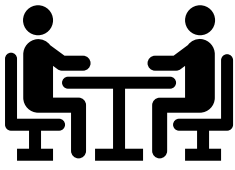
Where can I find out more ?

For further information please see:

The Study Webpages at: ARTICULATE PRO — Nuffield Department of Surgical Sciences (ox.ac.uk)

https://www.ouh.nhs.uk/privacy/default.aspx

If you have any questions, please inform your nurse, or other team member, who will be taking the consent for your procedure.

Alternatively, or if you have a question after the procedure, please contact PALS (the Patient Advice and Liaison Service):   Telephone number 01865 221473