

# **The impact of robotic surgery on teamwork**

## **Information sheet for patients**

### **Invitation**

We would like invite you to take part in a research project. Before you decide, it is important for you to understand why the research is being done and what it will involve. Please take time to read the following information carefully. Talk to others about the study if you wish. Please ask us if there is anything that is not clear or if you would like more information. Take time to decide whether or not you wish to take part.

### **What is the purpose of the study?**

In robotic surgery, a robot helps the surgeon carry out a laparoscopic operation (sometimes called 'keyhole surgery'). The surgeon sits at the robot, where he/she has a three dimensional view of the surgical site, and controls the robotic arms which hold the surgical instruments. The surgeon is usually sat a couple of metres away from the patient and the rest of the team (anaesthetist, theatre nurse, operating department practitioner, and trainee surgeons), which can have an impact on teamwork. This is important because effective teamwork in the operating theatre is needed for patient care to be safe. Our study is trying to find out how to make sure teamwork is effective when doing robotic surgery.

### **Why have I been invited?**

We are inviting people for whom a keyhole operation has been recommended by their surgeon, regardless of whether the surgeon will use a robot to assist with the operation. By looking at operations where the robot is used and operations where the robot is not used, we can find out what is different when the robot is used. A total of 40 patients will take part in this study.

### **Do I have to take part?**

- No. It is up to you to decide whether or not to take part in this study.

- If you do decide to take part, you will be given this information sheet to keep. You will be asked to sign a consent form, but you are still free to withdraw at any time before the operation and without giving a reason.
- You do not have to give a reason for not taking part and your treatment and care will not be affected in any way.

### **What will happen to me if I take part?**

If you decide to take part, a member of the research team will observe your operation. They will also video record the operation. The video recordings will focus on the actions of the operating theatre staff and your face will not be visible on the video recordings.

The video recordings will be reviewed by members of the research team. Extracts of the videos will be transcribed and analysed to see if there are any common themes.

### **Are there any risks?**

We do not think that there are any risks to you in taking part in the study.

### **What are the possible benefits of taking part?**

Information from this study will improve teamwork amongst operating theatre staff when they do robotic surgery, helping to ensure safe patient care.

### **Will the information I give stay confidential?**

Yes. All information collected about you during the course of the research will be kept strictly confidential. All information will be safely stored at the University of Leeds and King's College London for a period of ten years, after which it will be disposed of securely. The information collected will only ever be used for research and teaching purposes. All uses for commercial or other purposes are prohibited.

### **What will happen to the results of the research study?**

The results of this study will be shared with other hospitals. They will also be presented at conferences and published in journals. Video images or short clips may be used for illustrative purposes in presentations, publications, and training materials but because your face will not be visible it will not be possible to identify you. If you wish to have a copy of the study results sent to you, please let the research team know.

### **Who has funded and sponsored this research study?**

This research has been funded by the National Institute for Health Research Health Services and Delivery Research Programme. The sponsor is the University of Leeds. The Research Ethics Committee has reviewed this study.

If you have any questions or concerns or complaints please contact: the Principal Investigator Dr Rebecca Randell, telephone: [REDACTED], email: [REDACTED]

***Thank you for taking the time to read this information sheet.***