

Robotic-Assisted Surgery



Author: Mr Kamal Aryal, Consultant Colorectal Surgeon

James Paget
University Hospitals
NHS Foundation Trust

Robotic-Assisted Surgery (RAS) is a procedure to treat different surgical conditions. It involves using robotic instruments to treat your surgical condition.

What complications can happen?

The James Paget Hospital surgical team are highly trained to reduce the risk of complications during surgery. Possible complications include those which can happen following any procedure and specific complications relating to the organ being operated on.

These are explained in EIDO Healthcare patient leaflets provided.

Complications relating to RAS and Key-hole surgery are outlined below:

- Damage to structures such as your bowel, bladder or blood vessels when inserting instruments into your tummy (risk fewer than 3 in 1000). The risk is higher if you have had previous surgery on your tummy. If an injury does happen, you may need open surgery. About one in three of these injuries is not obvious until after the procedure.
- Developing a hernia near one of the cuts used to insert the ports (risk 1 in 100). Your surgeon will try to reduce the risk by using small ports (less than a centimeter in diameter) where possible or if they need to use larger ports using deeper stitches to close the cuts.
- Surgical emphysema (a cracking sensation under your skin) caused by trapped carbon dioxide gas which settles quickly and is not serious.
- Gas embolism. This is when carbon dioxide gets into the blood stream and blocks a blood vessel. This is very rare but can be serious.
- Conversion to open surgery. The procedure may be very difficult for your surgeon to perform using keyhole surgery. If this is the case, they may need to do the procedure through larger cut on your tummy so they can complete it safely. Open surgery may increase your risk of some complications such as VTE, bleeding and infection.

If you have any further questions please telephone 01493 453181 during the hours of 8am and 4pm Monday to Friday.

Your Feedback

We want your visit to be as comfortable as possible - talk to the person in charge if you have any concerns. If the ward/department staff are unable to resolve it, then ask for our Patient Advice and Liaison (PALS) information. Please be assured that raising a concern will not impact on your care.

Before leaving please complete a Friends and Family Test feedback card.

Help us transform NHS services and to support patient choice.

OUR VALUES

Collaboration

We work positively with others to achieve shared aims

Accountability

We act with professionalism and integrity, delivering what we commit to, embedding learning when things do not go to plan

Respect

We are anti-discriminatory, treating people fairly and creating a sense of belonging and pride

Empowerment

We speak out when things don't feel right, we are innovative and make changes to support continuous improvement

Support

We are compassionate, listen attentively and are kind to ourselves and each other



The hospital can arrange for an interpreter or person to sign to assist you in communicating effectively with staff during your stay. Please let us know.

For a large print version of this leaflet, contact PALS 01493 453240