

FOI REF: 23/796

24th February 2024

FREEDOM OF INFORMATION ACT

I am responding to your request for information under the Freedom of Information Act. The answers to your specific questions are as follows:

I would like to obtain the following information for the time period of 2019-2022:

(To elaborate emergency general surgery would include robotic assisted operations in any of: Acute surgical diseases of the abdomen, mesenteric ischaemia, appendectomies, cholecystectomies, hernias, bowel obstruction, adhesiolysis, diverticular disease, diverticulitis, incarceration, perforation, peritonitis, and acute conditions of the gastrointestinal tract.)

- 1) The total numbers of Emergency general surgery operations performed between January 1st 2019-January 1st 2023. Broken down by:**
 - a) Open.
 - b) Laparoscopic.
 - c) Robotic.

[Please see the attached document.](#)

- 2) Type of robot available in your trust and used in emergency general surgery cases (Examples include Da Vinci, Versius, Freehand, Soloassist, Microhand S, AESOP, Zeus).**

[The Robot used is a De Vinci X System.](#)

- 3) Number of robotic general surgery cases performed between January 1st 2019-January 1st 2023.**

[Please see the attached document.](#)

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4) **Number the following performed between January 1st 2019-January 1st 2023. Broken down by:**

- a) **Open.**
- b) **Laparoscopic.**
- c) **Robotic.**
 - i) **Hot cholecystectomies.**
 - ii) **Laparotomies - any within the general surgery field.**
 - iii) **Appendectomies (both H01 and H02).**
 - iv) **Hernia repairs**
 - v) **Abscess**
 - vi) **Scrotal explorations (which may be under torsions or orchidopexy)**

[Please see the attached document.](#)

5) **Mean length of stay of patients who have undergone the following performed between January 1st 2019-January 1st 2023. Broken down by:**

- a) **Open.**
- b) **Laparoscopic.**
- c) **Robotic.**
 - i) **Hot cholecystectomies**
 - ii) **Laparotomies**
 - iii) **Appendectomies**
 - iv) **Hernia repairs**
 - v) **Abscess**
 - vi) **Scrotal explorations (which may be under torsions or orchidopexy)**

[Please see the attached document.](#)

- 6) **The number and type of complications that occurred in robotic emergency general surgery cases between January 1st 2019-January 1st 2023. Including but not limited to conversions to another type of surgery, device-related complications, injury to surrounding structures or tissue, serums, infection, leakage, hernias.**

Please see the attached document.

- 7) **Number of staff trained to assist with robotic cases.**

7 Consultant Robotic Surgeons – 2 of which are visiting consultants from other Trusts.

1 Surgical care practitioner that assists.

1 ST7 that assists.

1 clinical fellow that assists.

1 specialty doctor that assists.

So, in total at present 4 assistants.

- 8) **The average (Over 4 weeks) number of staff trained to assist n robotic surgery available out of hours (weekends/nights).**

The robot is not used out of hours unless planned elective. It is not used for emergency procedures.

If I can be of any further assistance, please do not hesitate to contact me.

Should you be dissatisfied with the Trust's response to your request, you have the right to request an internal review. Please write to the Freedom of Information Department (esh-tr.foi@nhs.net), quoting the above reference, within 40 working days. The Trust is not obliged to accept an internal review after this date.

Should you still be dissatisfied with your FOI request, you have the right of complaint to the Information Commissioner at the following address:

The Information Commissioner's Office
Wycliffe House
Water Lane
Wilmslow
Cheshire SK9 5AF

Telephone: 0303 123 1113

Yours sincerely

Freedom of Information Department
esh-tr.foi@nhs.net

FOI 23/796 Emergency Robotic Surgery in General Surgery:

I would like to obtain the following information for the time period of 2019-2022:

1) The total numbers of Emergency general surgery operations performed between January 1st 2019-January 1st 2023. Broken down by:

- a) Open. **9,070 Procedures** Patients who do not have a Y75 Procedure Code against them
- b) Laparoscopic. **950 Procedures** Patients who had a Lap Procedure performed - Y752
- c) Robotic. **1 Procedure** Patients who had a Lap Procedure performed - Y753

3) Number of robotic general surgery cases performed between January 1st 2019-January 1st 2023.

- Robotic. **1 Case** Patients who had a Lap Procedure performed - Y753

4) Number the following performed between January 1st 2019-January 1st 2023. Broken down by:

- a) Open.
- b) Laparoscopic.
- c) Robotic.

i) **Hot cholecystectomies.** **Mean LOS** **OPCS4 Code J18**

Open. **10 Patients/Cases** **21.1 days**

Laparoscopic. **79 Patients/Cases** **4.7 days**

Robotic. **0 Patients/Cases**

ii) **Laparotomies - any within the general surgery field.** **OPCS4 Code - T309**

Open. **6 Patients/Cases** **30.3 days**

Laparoscopic. **0 Patients/Cases**

Robotic. **0 Patients/Cases**

iii) **Appendectomies (both H01 and H02).** **OPCS4 Code - H01, H02 and H031**

Open. **143 Patients/Cases** **7.6 days**

Laparoscopic. **738 Patients/Cases** **2.2 days**

Robotic. **1 Patient/Case** **1.0 days**

iv)	Hernia repairs			OPCS4 Code - T20 to T27 inclusive
	Open.	264 Patients/Cases	4.6 days	
	Laparoscopic.	32 Patients/Cases	6.6 days	
	Robotic.	0 Patient/Case		
v)	Abscess			Perianal - H58 Pilonidal Sinus - H59/H60/H55 Buttock Abscess - OPCS4 Code S47.4 + Z49.5 + ICD10 Code L02.3 Other Abscesses OPCS4
	Open.	492 Patients/Cases	0.7 days	
	Laparoscopic.	0 Patients/Cases		
	Robotic.	0 Patient/Case		
vi)	Scrotal explorations (which may be under torsions or orchidopexy)			Orchidopexy - N08/N09 Torsion Testis - N133 Scrotal - N13/N11/N07/N01/N03/N05
	Open.	17 Patients/Cases	4.8 days	
	Laparoscopic.	0 Patients/Cases		
	Robotic.	0 Patient/Case		

5) **Mean length of stay of patients who have undergone the following performed between January 1st 2019-January 1st 2023. Broken down by:**

[Please refer to question 4 for Mean LOS of patients and there stay within the Trust for one of the procedures above](#)

6) **The number and type of complications that occurred in robotic emergency general surgery cases between January 1st 2019-January 1st 2023. Including but not limited to conversions to another type of surgery, device-related complications, injury to surrounding structures or tissue, serums, infection, leakage, hernias.**

There was only 1 Patient/Case who had Robotic Surgery under the specialty of General Surgency as an Emergency under the time period, but they did not have any complications