#### **Freedom of Information Act Request**

- 1. Are surgical robots used in your trust? Yes
- 2. Are you currently planning to purchase a surgical robot(s) in the next 18 months? Expansion of robotic programme is under consideration.
- 3. Please list the manufacturer and model of all surgical robot(s) used in your trust? Please include duplicates if multiple surgical robots of same manufacturer/model. Davinci Xi, Davinci Xi
- 4. What date was the surgical robot(s) purchased? December 2019, April 2022
- 5. Are surgical robot simulators used in your trust? Yes
- 6. Please list the manufacturer and model of all surgical robot simulator(s) used in your trust? Please include duplicates if multiple surgical robot simulators of same manufacturer/model. Davinci SimNow, Davinci SimNow
- 7. What date was the surgical robot simulator(s) purchased? Same as robots
- 8. How many procedures were carried out with use of a surgical robot each year from 2019 to present? Please provide a breakdown by speciality.

Example response table provided on page 2.

Specialty/Year	Grand Total	Non Elective
100 General Surgery		
2019	59	1
2020	67	1
202	1 85	
2022	2 171	6
2025	296	13
2024	145	4
Total	823	25
101 Urology		
2019	170	
2020	136	3
202	169	
2022	2 231	1
2023	317	1
2024	146	
Total	1169	5
160 Plastic Surgery		
2023	3 1	
Total	1	
300 General Medicine		
2019	1	
Total	1	
320 Cardiology		

	2023	1	
Total		1	
340 Respiratory Medicine			
	2019	1	
Total		1	
420 Paediatrics			
	2023	1	1
Total		1	1
502 Gynaecology	,		
	2019	76	
	2020	53	
	2021	75	2
	2022	140	
	2023	173	1
	2024	67	
Total		584	3
<b>Grand Total</b>		2581	34

9. How many **emergency** procedures were carried out with use of a surgical robot each year from 2019 to present? Please provide a breakdown by speciality.

Example response table provided on page 5.

#### See above table

10. How many consultant surgeons work within your trust, and how many of these perform robotic surgery? Please provide a breakdown by speciality. Example response table provided on page 8.

17in total – 7 Colorectal, 5 Gynae & 5 Urology

- 11. How much did the trust pay to purchase the surgical robot(s)? If multiple surgical robots, please specify price of each robot. £1,554,290.00
- 12. How much has been spent on consumables/disposables for the surgical robot(s) annually from 2019 to present? If multiple manufacturers, please provide a breakdown by manufacturer. £5,512,267.24
- 13. What is the total cost of maintenance for the robot(s) annually from 2019 to present? If multiple manufacturers, please provide a breakdown by manufacturer. Duel console maintenance cost is £165k

## Example response table for question 8:

Specialty	Year	Number of procedures
Breast Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Cardiac Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Colorectal Surgery	2019	
	2020	68
	2021	90
	2022	226
	2023	345
	2024	202
Endocrine Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Gynaecology	2019	
	2020	56
	2021	76
	2022	174
	2023	175
	2024	85
Neurosurgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Ophthalmology	2019	

2021   2022   2023   2024   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020		2020	
2022   2023   2024			
2023   2024			
2024   2019   2020   2021   2022   2023   2024   2020   2021   2022   2023   2024   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2022   2023   2024   2020   2021   2022   2023   2024   2020   2021   2020   2021   2020   2021   2022   2023   2024   2022   2023   2024   2020   2021   2020   2021   2020   2021   2020   2021   2022   2023   2024   2022   2023   2024   2022   2023   2024   2020   2021   2022   2023   2024   2020   2021   2022   2023   2024   2022   2023   2024   2022   2023   2024   2022   2023   2024   2022   2023   2024   2022   2023   2024   2022   2023   2024   2020   2021   2022   2023   2024   2020   2021   2022   2023   2024   2020   2024   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2020   2021   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020			
Oral and Maxillofacial Surgery       2019         2020       2021         2022       2023         2024       2024         Otolaryngology (Ear, nose and throat (ENT) surgery)       2019         2020       2021         2022       2023         2024       2029         2024       2029         2024       2020         2021       2020         2021       2020         2021       2022         2023       2024         Plastic Surgery       2019         2020       2021         2022       2023         2024       2020         2021       2020         2021       2020         2021       2020         2021       2021         2022       2023         2021       2022         2023       2024         Transplant Surgery       2019         2020       2021         2020       2021			
Surgery   2020   2021   2022   2023   2024   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020	Oral and Maxillafacial		
2021   2022   2023   2024			
2022   2023   2024	Cargory		
2023   2024			
2024   2019   2020   2021   2022   2023   2024   2020   2021   2022   2023   2024   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2022   2023   2024   2020   2021   2022   2023   2024   2020   2021   2020   2021   2020   2021   2022   2023   2024   2020   2021   2022   2023   2024   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2022   2023   2024   2024   2022   2023   2024   2024   2020   2024   2020   2024   2020   2024   2020   2024   2020   2024   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020			
Otolaryngology (Ear, nose and throat (ENT) surgery)       2019         2020       2021         2022       2023         2024       2024         Paediatric Surgery       2019         2020       2021         2022       2023         2024       2024         Plastic Surgery       2019         2020       2021         2022       2023         2024       2024         Thoracic Surgery       2019         2020       2021         2020       2021         2020       2021         2022       2023         2024       2022         2023       2024         Transplant Surgery       2019         2020       2021         2020       2024			
and throat (ENT) surgery)  2020 2021 2022 2023 2024  Paediatric Surgery  2019 2020 2021 2022 2023 2024  Plastic Surgery  2019 2020 2024  Plastic Surgery  2019 2020 2021 2022 2023 2024  Thoracic Surgery  2019 2020 2021 2022 2023 2024  Transplant Surgery  2019 2020 2021 2020 2021 2020 2021 2020 2021 2020 2021 2020 2021 2020 2021 2022 2023 2024  Transplant Surgery  2019 2020 2021			
2021   2022   2023   2024	Otolaryngology (Ear, nose		
2022   2023   2024	and throat (ENT) surgery)		
2023   2024			
Paediatric Surgery   2019   2020   2021   2022   2023   2024   2020   2021   2020   2024   2020   2021   2020   2021   2022   2023   2024   2022   2023   2024   2020   2021   2020   2021   2020   2021   2020   2021   2022   2023   2024   2022   2023   2024   2022   2023   2024   2022   2023   2024   2022   2023   2024   2020   2021   2020   2020   2021   2020   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2020   2021   2020   2020   2021   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020			
Paediatric Surgery  2019 2020 2021 2022 2023 2024  Plastic Surgery  2019 2020 2021 2022 2023 2024  Thoracic Surgery  2019 2020 2024  Thoracic Surgery  2019 2020 2021 2020 2021 2020 2021 2020 2021 2022 2023 2024  Transplant Surgery  2019 2020 2021 2022 2023 2024  Transplant Surgery  2019 2020 2021 2022 2023 2024			
2020   2021   2022   2023   2024		2024	
2021   2022   2023   2024	Paediatric Surgery	2019	
2022   2023		2020	
2023   2024		2021	<b>&gt;</b>
Plastic Surgery   2019   2020     2021     2022     2023   2024     2020     2020     2021     2020     2021     2020     2021   2022   2023   2024     2022   2023   2024     2022   2023   2024     2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2021   2020   2020   2021   2020   2020   2021   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020   2020		2022	
Plastic Surgery 2019 2020 2021 2022 2023 2024  Thoracic Surgery 2019 2020 2021 2022 2023 Togotham Surgery 2019 2020 2021 2022 2023 2024  Transplant Surgery 2019 2020 2021 2020 2021		2023	
2020   2021   2022   2023   2024		2024	
2021   2022     2023     2024	Plastic Surgery	2019	
2022   2023   2024		2020	
2023   2024		2021	
2024		2022	
Thoracic Surgery 2019 2020 2021 2022 2023 2024  Transplant Surgery 2019 2020 2021		2023	
2020 2021 2022 2023 2024  Transplant Surgery 2019 2020 2021		2024	
2021 2022 2023 2024 Transplant Surgery 2019 2020 2021	Thoracic Surgery	2019	
2022 2023 2024 Transplant Surgery 2019 2020 2021		2020	
2023 2024 Transplant Surgery 2019 2020 2021		2021	
2024		2022	
Transplant Surgery         2019           2020         2021		2023	
2020 2021		2024	
2020 2021	Transplant Surgery	2019	
		2020	
2022		2021	
		2022	

	2022	
	2023	
	2024	
Trauma and Orthopaedic	2019	
Surgery	2020	
	2021	
	2022	
	2023	
	2024	
Upper GI (including	2019	
Oesophagogastric,	2020	
Hepato-Pancreato-Biliary) Surgery	2021	
Ourgery	2022	
	2023	
	2024	( ) Y
Urology	2019	
	2020	146
	2021	191
	2022	268
	2023	315
	2024	172
Vascular Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	

## Example response table for question 9:

Specialty	Year	Number of <b>emergency</b> procedures
Breast Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Cardiac Surgery	2019	
	2020	0,7
	2021	
	2022	
	2023	
	2024	
Colorectal Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Endocrine Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Gynaecology	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Neurosurgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Ophthalmology	2019	

	2020	
	2021	
	2022	
	2023	
	2023	
Onel and Marrillafacial		
Oral and Maxillofacial Surgery	2019	
Surgery	2020	
	2021	
	2022	
	2023	
	2024	
Otolaryngology (Ear, nose	2019	
and throat (ENT) surgery)	2020	
	2021	( ) Y
	2022	
	2023	
	2024	
Paediatric Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Plastic Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Thoracic Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Transplant Surgery	2019	
1 3 3 7	2020	
	2021	
	2022	
	2022	

	2023
	2024
Trauma and Orthopaedic	2019
Surgery	2020
	2021
	2022
	2023
	2024
Upper GI (including	2019
Oesophagogastric,	2020
Hepato-Pancreato-Biliary) Surgery	2021
Curgory	2022
	2023
	2024
Urology	2019
	2020
	2021
	2022
	2023
	2024
Vascular Surgery	2019
	2020
	2021
	2022
	2023
	2024

# Example response table for question 9:

Specialty	Year	Number of <b>emergency</b> procedures
Breast Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Cardiac Surgery	2019	
	2020	
	2021	
	2022	

	2023	
	2024	
Colorectal Surgery	2019	
Colorcolal Cargory	2020	
	2021	
	2022	
	2022	
	2023	
Endooring Curgory		
Endocrine Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Gynaecology	2019	
	2020	
	2021	( V )
	2022	
	2023	
	2024	
Neurosurgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Ophthalmology	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Oral and Maxillofacial	2019	
Surgery	2020	
	2021	
	2022	
	2023	
	2024	
	2019	
	1 -0 . 0	

Otolaryngology (Ear, nose	2020	
and throat (ENT) surgery)	2021	
	2022	
	2023	
	2024	
Paediatric Surgery	2019	
l aediatric Surgery	2020	
	2020	
	2022	
	2022	
	2023	
Plantia Curgory		
Plastic Surgery	2019	
	2020	
	2021	
	2022	, , V
	2023	
	2024	N.
Thoracic Surgery	2019	
	2020	
	2021	<b>/</b>
	2022	
	2023	
	2024	
Transplant Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	
Trauma and Orthopaedic	2019	
Surgery	2020	
	2021	
_	2022	
	2023	
	2024	
Upper GI (including	2019	
Oesophagogastric,	2020	
Hepato-Pancreato-Biliary)	2021	
Surgery	2022	
	1	

	2023	
	2024	
Urology	2019	
	2020	
	2021	
	2022	
	2023	
	2024	_
Vascular Surgery	2019	
	2020	
	2021	
	2022	
	2023	
	2024	

## Example response table for question 10:

Specialty	Number of consultant surgeons performing robotic surgery	Total number of consultant surgeons
Breast Surgery		
Cardiac Surgery		
Colorectal Surgery	7	
Endocrine Surgery		
Gynaecology	5	
Neurosurgery		
Ophthalmology		
Oral and Maxillofacial		
Surgery		
Otolaryngology (Ear, nose		
and throat (ENT) surgery)		
Paediatric Surgery		
Plastic Surgery		
Thoracic Surgery		
Transplant Surgery		
Trauma and Orthopaedic		
Surgery		
Upper GI (including		
Oesophagogastric,		
Hepato-Pancreato-Biliary)		
Surgery		
Urology		
Vascular Surgery		