

Date: 19/04/2024  
Your Ref:  
Our Ref: 8583

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Dear

## FREEDOM OF INFORMATION – MRI SCANNERS

I write in response to your request for information in relation to MRI Scanners within NHS Lothian.

Question:

1. How many MRI Scanners do you currently have in the trust/health board?

Answer:

8.

Question:

2. How many MRI scans are requested each year?

Answer:

49,283 for 2022/23.

Question:

3. How many MRI scans are done in a year?

Answer:

43,343 for 2022/23 (Excluding Outsourcing).

Question:

4. Which make and model of MRI Scanner do you have installed across the health board?

Answer:

Siemens Magnetom Aera 1.5T  
Philips Ingenia Ambition 1.5T  
Philips Ingenia 3T  
Philips Ingenia 1.5T  
Philips Ingenia 3T  
Philips Ingenia 3T IntraOp  
Siemens Magnetom Aera 1.5T  
Siemens Magnetom Aera 1.5T

Question:

5. What is your 'Do not attend' rate?

Answer:

5.1% in 2022/23.

Question:

6. What is your failed MRI scan rate i.e. scan abandoned midway during an investigation?

Answer:

211 scans abandoned 2022/23 (0.5%).

Question:

7. What percentage of your failed and DNA rates are due to claustrophobia?

Answer:

63% of abandoned scans due to claustrophobia.

Question:

8. What is the number of patients per month referred to an open MRI scanner?

9. The cost per patient to refer to an open MRI scanner (tariff you're charged).

10. What was the cited reason as to why the patient was referred to an open scanner?

Answer:

We do not refer patients on for Open MRI.

Question:

11. What is your Projected MRI demand within the trust/health board (% increase)?

Answer:

Projected demand increase year on year for MRI is 7% to 11%.

I hope the information provided helps with your request.

If you are unhappy with our response to your request, you do have the right to request us to review it. Your request should be made within 40 working days of receipt of this letter, and we will reply within 20 working days of receipt. If our decision is unchanged following a review and you remain dissatisfied with this, you then have the right to make a formal complaint to the Scottish Information Commissioner within 6 months of receipt of our review response. You can do this by using the Scottish Information Commissioner's Office online appeals service at

[www.itspublicknowledge.info/Appeal](http://www.itspublicknowledge.info/Appeal). If you remain dissatisfied with the Commissioner's response you then have the option to appeal to the Court of Session on a point of law.

If you require a review of our decision to be carried out, please write to the FOI Reviewer at the email address at the head of this letter. The review will be undertaken by a Reviewer who was not involved in the original decision-making process.

FOI responses (subject to redaction of personal information) may appear on NHS Lothian's Freedom of Information website at: <https://org.nhslothian.scot/FOI/Pages/default.aspx>

Yours sincerely

**ALISON MACDONALD**  
**Executive Director, Nursing, Midwifery and AHPs**  
Cc: Chief Executive