

Reference:	FOI.16701.25
Subject:	Use of mechanical ventilation
Date of Request:	26 February 2025

Requested:

I am writing to formally request information under the Freedom of Information Act 2000 regarding the use of mechanical ventilation within your hospital trust, specifically for patients undergoing an MRI scan and those requiring in-hospital transportation while intubated.

Please provide responses to the following questions:

1. What is the current policy for mechanical ventilation of patients undergoing an MRI scan within your NHS trust?
2. Which department has the primary responsibility for overseeing the mechanical ventilation of patients in the MRI suite? Is it the Intensive Care Unit (ICU) or the MRI department?
3. Which mechanical ventilators are currently used when conducting MRI scans on patients within your MRI department?
4. Please provide the make, model, and age of the current mechanical transport ventilators used within your trust.
5. Could you list the specific MRI-compatible ventilators currently in use within your trust?
6. Please provide the contact details (name, job title, and email/telephone) of the lead clinical person overseeing the use of mechanical transport ventilation within your trust.
7. Please provide the name and contact details of the technician responsible for overseeing the usage and maintenance of these ventilators within your trust.

Response:

1. Hywel Dda University Health Board (UHB) confirms that it does not have a policy around mechanical ventilation of patients undergoing an MRI scan.
2. The Intensive Care Unit (ICU) manages the mechanical ventilation of patients undergoing an MRI scan.
3. The UHB utilises the following mechanical ventilators for conducting MRI scans:
 - Fabius MRI Anaesthesia machine
 - Hamilton MR1 Ventilator
4. The UHB provides within the table below, the make, model, and age of the current mechanical transport ventilators used within the UHB, as well as the quantity.

Make	Model	Age	Quantity
Oxylog	3000	1 x 15 years 2 x 14 years 1 x 13 years 2 x 5 years	6
Hamilton	MR1 ventilator	1 year	1

5. The MRI-compatible ventilator currently in use within the UHB is the Hamilton MR1 compatible ventilator.
6. The UHB confirms that it does not have a clinical lead responsible for the use of mechanical transport ventilation equipment. However, the UHB can advise that the Clinical Engineering Department oversees the maintenance of the devices defined. Anaesthesia devices are maintained internally and the Hamilton MR1 is maintained by the original equipment manufacturer.
7. The UHB has applied an exemption under Section 21 of the Freedom of Information Act 2000 (FoIA), as the information is accessible by another means. The UHB has answered a similar Freedom of Information request, FOI.14164.24 – medical devices, which is already within the public domain and is available on our disclosure log:

For ease of reference, please click on the attached link, which will take you directly to the UHB's disclosure log webpage:

[Disclosure Log - Hywel Dda University Health Board \(nhs.wales\)](https://www.nhs.uk/disclosure-log)