

<b>Reference:</b>	FOI.6272.21
<b>Subject:</b>	Radiology equipment
<b>Date of Request:</b>	21 June 2021

**Requested:**

I would be most grateful if you would provide me with the following details;

1. Amount of CT scanners the Trust own, please could you include make, model, age, capability and location.
2. Amount of Injector pumps currently within CT, please could you include make, model, age and location.
3. Amount of MRI scanners the Trust own again please could you specify make, model, age, field strength and location.
4. Amount of injector pumps within MRI, please could you specify make, model, age and location.
5. Amount of injector pumps within the catheterisation suite, please could you specify make, model and age.
6. Does the Trust use a dose management software programme? If so please specify programme and how long this has been used for.
7. Does the Trust use a contrast media management programme? If so please specify the programme and how long this has been used for.
8. Does the Trust utilise any AI software within radiology? If so please could you specify programme and its application?
9. Contrast media which is used within the Radiology department and for which modality.

**Response:**

1. Hywel Dda University Health Board (UHB) provides, within the table below, the number of Computerised Tomography (CT) scanners it owns, the location, make and model, the year of installation and capability.

<b>Location</b>	<b>Make and model</b>	<b>Year installed</b>	<b>Capability</b>
Bronglais General Hospital (BGH)	GE LIGHTSPEED CT750	2011	128 slice, full field "dual energy" capability utilising ASIR V1,2 reconstruction algorithm.
Glangwili General Hospital (GGH)	GE LIGHTSPEED CT750 HD	2011	128 slice, full field "dual energy" capability utilising ASIR V1,2 reconstruction algorithm.
	GE Revolution EVO	2020	128 slice, full field "dual energy" capability utilising ASIR V1,2 reconstruction algorithm.

Prince Philip Hospital (PPH)	GE LIGHTSPEED CT750	2011	128 slice, full field “dual energy” capability utilising ASIR V1,2 reconstruction algorithm
Withybush General Hospital (WGH)	GE LIGHTSPEED CT750	2011	128 slice, full field “dual energy” capability utilising ASIR V1,2 reconstruction algorithm.

2. The UHB provides, within the table below, the number of injector pumps currently in use in CT scanners, the location, make and model and the year of installation.

Location	Make and model	Year installed
BGH	Ulrich CT Motion	2021
GGH	Ulrich CT Motion	2021
	Bayer Stellant	2020
PPH	Ulrich CT Motion	2021
WGH	Ulrich CT Motion	2021

3. The UHB provides, within the table below, the number of Magnetic Resonance Imaging (MRI) scanners it owns, the location, make and model, the year of installation and field strength.

Location	Make and model	Installation date	Field strength
BGH	Siemens Sola	2020	1.5T
GGH	Siemens Aera	2015	1.5T
PPH	GE Optima MR450w	2011	1.5T
WGH	Siemens Sola	Due July 2021	1.4T

4. The UHB provides, within the table below, the number of injector pumps currently in use in MRI scanners, the location, make and model and the year of installation.

Location	Make and model	Installation date
BGH	Bayer Meorad MR Experion	2020
GGH	Bayer Spectris	2015
PPH	Optistar	2011
WGH	Bayer Spectris	2021

5. The UHB provides, within the table below, the number of injector pumps within the catheterisation suite, the location, make and model and the year of installation.

Location	Make and model	Installation date
GGH	Bayer Arterion	2020
PPH	Bayer Arterion	2016

6. The UHB confirms that the dose management software used is the Qaelum Dose System, which is linked to the Medical Physics Department within Swansea Bay University Health Board via a picture archiving and communication system and has been in use since 2012.

7. The UHB confirms that it does not use a contrast media management programme.

8. The UHB confirms that it does not utilise any Artificial Intelligence software within Radiology.

9. The UHB provides, within the table below, the contrast media that is used within the Radiology department.

Scanner	Contrast media
CT	IV Omnipaque 300/320/350
MRI	IV Omniscan
	IV Clariscan 0.5mmol/mL
	IV Primovist 0.25 mmol/mL
	Oral Mannitol 10% w/v 500mL