

Freedom of Information Request	FOI 21-265	12 <sup>th</sup> July 2021
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**I would be most grateful if you would provide me, under the Freedom of Information Act, the following details;**

- Amount of CT scanners the Trust own, please could you include make, model, age, capability and location.**

The Health Board has six (6) CT scanners as follows:

MAKE	MODEL	AGE	CAPABILITY	LOCATION
SIEMENS	SOMATOM DEFINITION EDGE	8 YEARS	CAPABLE OF IMAGING MULTIPLE PARALLEL CROSS SECTIONAL SLICES IN A SINGLE ROTATION	NEVILL HALL HOSPITAL
TOSHIBA	AQUILION ONE	11 YEARS	THE FASTEST GANTRY ROTATION OF 275 MILLISECONDS SO CAN COMPLETE A ROTATION IN LESS THAN <b>ONE</b> THIRD OF A SECOND. IT HAS 320 DETECTOR ROWS WHICH HAS THE ABILITY TO CAPTURE 640 UNIQUE SLICES OF THE THINNEST SLICES AVAILABLE WHICH IS 0.5 MILLIMETRE	YSBYTY YSTRAD FAWR HOSPITAL
CANON	AQUILION ONE PRISM	10 MONTHS	ADVANCED INNOVATIONS, INCLUDING AI ASSISTED TECHNOLOGIES	THE GRANGE UNIVERSITY HOSPITAL
CANON	AQUILION ONE PRISM	10 MONTHS	ADVANCED INNOVATIONS, INCLUDING AI ASSISTED TECHNOLOGIES	THE GRANGE UNIVERSITY HOSPITAL
SIEMENS	SOMATOM DEFINITION EDGE	7 YEARS	CAPABLE OF IMAGING MULTIPLE PARALLEL CROSS SECTIONAL SLICES IN A SINGLE ROTATION	ROYAL GWENT HOSPITAL
CANON	QUILION ONE-GENESIS	1 YEAR 7 MONTHS	Spatial resolution and reduced radiation dose requirements.	ROYAL GWENT HOSPITAL

- Amount of Injector pumps currently within CT, please could you include make, model, age and location.**

The Health Board has six (6) Injector pumps in use and one (1) used as a spare, which is relocatable when required.

MAKE	MODEL	AGE	LOCATION
ULRICH MEDICAL	CT MOTION	8 YEARS	NEVILL HALL HOSPITAL
ULRICH MEDICAL	CT MOTION	8 YEARS	YSBYTY YSTRAD FAWR HOSPITAL
ULRICH MEDICAL	CT MOTION	10 MONTHS	THE GRANGE UNIVERSITY HOSPITAL
ULRICH MEDICAL	CT MOTION	10 MONTHS	THE GRANGE UNIVERSITY HOSPITAL
ULRICH MEDICAL	CT MOTION	8 YEARS	ROYAL GWENT HOSPITAL
ULRICH MEDICAL	CT MOTION	1 YEAR 7 MONTHS	ROYAL GWENT HOSPITAL
ULRICH MEDICAL	CT MOTION (Spare)	8 YEARS	NEVILL HALL HOSPITAL

- **Amount of MRI scanners the Trust own again please could you specify make, model, age, field strength and location.**

Royal Gwent Hospital  
Installed 2015  
Siemens Aera 1.5T.  
Injector pump: 2015, Bayer, Solaris

Nevill Hall Hospital  
Installed 2017  
Siemens Aera 1.5T  
Injector pump: 2017 Bayer, Solaris

Ysbyty Ystrad Fawr  
Installed 2010  
Siemens Avanto upgraded 2020 Siemens Avanto Fit 1.5T  
Injector Pump: 2012, Bayer Solaris

Grange University Hospital  
Installed 2020  
Siemens Sola  
Injector Pump: 2020, Bayer Medrad MR Xperion

All sites use Dotarem and Primovist

- **Amount of injector pumps within MRI, please could you specify make, model, age and location.**

The Health Board has four (4) as follows:

Injector pump: 2015, Bayer, Solaris

Injector pump: 2017 Bayer, Solaris

Injector Pump: 2012, Bayer Solaris

Injector Pump: 2020, Bayer Medrad MR Xperion

- **Amount of injector pumps within the catheterisation suite, please could you specify make, model and age.**

The Health Board has four (4) Arterion MK7 injectors, all purchased in November 2020:

Cath Lab 1 Serial Number 201950  
Cath Lab 2 Serial Number 301602  
IR Lab 1 Serial Number 301620  
IR Lab 2 Serial Number 30162

- **Does the Trust use a dose management software programme? If so please specify programme and how long this has been used for.**  
No.
- **Dose the Trust use a contrast media management programme? If so please specify the programme and how long this has been used for.**  
No.
- **Does the Trust utilise any AI software within radiology? If so please could you specify programme and it's application.**  
No.
- **Contrast media which is used within the Radiology department and for which modality.**

The Health Board uses Omnipaque 350 contrast intravenously at all CT sites

On rare occasions for specific cases VISIPAQUE 320 is used.

NIOPAM 300 and 370 is stocked at the Royal Gwent Hospital and used occasionally.

Omnipaque 300 is used for oral contrast.