

Freedom of Information Act 2000 - Request Reference Fol/21/283

Radiology Equipment

Request Details

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

- Main Radiology UHW - 1 x GE Revolution 256 slice scanner with cardiac capability, 2015
- Accident and Emergency Unit UHW -1 x GE Revolution Apex 256 slice scanner cardiac and dual energy capability, 2020
- 1 x Main Radiology UHW, 1 x Main Radiology UHL - 2 x GE Optima 660 64 slice, 2011
- GE Healthcare LTD - OPTIMA ASIR CT660 — installation April 2011 - 64 slice with 0.35s rotation time - University Hospital Llandough

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

- Main Radiology UHW – 2 x Bayer Medrad Stellant dual syringe injectors, 2011 & 2016
- Main Radiology UHL – 1 x Bayer Medrad Stellant dual syringe injector, 2011
- University Hospital Llandough - Bayer Medrad - Stellant - installed April 2011

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

- Main Radiology, UHW – 1 x GE Signa Premier 3T, 2 x GE Signa Artist 1.5T (2020)
- Children’s Hospital for Wales – 1 x Siemens Magnetom Aera (2015)
- Cavoc, UHL – 1 x GE Signa HDx 1.5T (2006), 1 x GE Signa Voyager 1.5T (2017)

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

- Main Radiology, UHW – 3 x Medrad MRXperion pump injectors (2020)
- Children’s Hospital for Wales – 1 x Medrad Spectris Solarispump injector (2015)
- Cavoc, UHL – 1 x Medrad MRXperion pump injector (2021), 1 x Medrad Spectris Solaris pump injector (2017)

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

- 2 x Bayer Medrad arterion 7 injectors installed in 08/2016 and 11/2016.

6. Does the Trust use a dose management software programme? If so please specify programme and how long this has been used for.

- Qaelum*

*However the programme is not currently in use due to delay in implementation from Covid-19. There has been communication and actions in the last few months with an action plan to introduce its use.

7. Does the Trust use a contrast media management programme? If so please specify the programme and how long this has been used for.

- No

8. Does the Trust utilise any AI software within radiology? If so please could you specify programme and its application?

- No.

9. Contrast media which is used within the Radiology department and for which modality.

- Radiology use Omnipaque 300 and a smaller quantity Omnipaque 350 mainly with Niopam 300 or Visipaque 270 for specific cases. CT UHW
- Cardiology used mainly Niopam 300 with a little visipaque 320 (for selected cases)
- MRI contrast media - Clariscan, Dotarem, Gadovist and Primovist.
- Iohexol 300 CT UHL Iohexol 350 CT UHL
- Barium Sulfate (E-Z HD, E-Z Paque, Baritop 100) Iohexol 240 Gastrografin® Fluoro UHL