

Ref: FOI/GS/ID 8953

Please reply to:
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Freedom of Information Act 2000

I am writing in response to your request for information made under the Freedom of Information Act 2000 in relation to data warehouse and healthcare data exchange methods.

You asked: All questions are shown as received by the Trust.

Please answer the following questions regarding your data warehouse

- 1. Do you have a data warehouse? If not, please do not provide any further response in this section.*
- 2. Please name the clinical systems that flow into the data warehouse.*
- 3. Please name any clinical systems that do not flow into the data warehouse.*
- 4. What is the frequency of updates to the data warehouse?*
- 5. How long have you had a data warehouse?*

Please answer the following questions regarding your healthcare data exchange methods

- 1. Do you have DIACOM (Digital Imaging and Communications in Medicine) implemented in your trust?*
- 2. Do you have HL7 implemented in your trust? If not, please move to question number*
- 3. Which of the following HL7 standards and components do you have implemented?*
 - i. HL7 Version 2*
 - ii. HL7 Version 3*
 - iii. CDA (Clinical Document Architecture)*
 - iv. FHIR (Fast Healthcare Interoperability Resources)*
 - v. Other (please specify)*
- 4. If you do not have HL7 implemented in your trust, please answer the following questions.*
 - i. What is the trust's current strategy for its implementation?*
 - ii. What is the current timeframe for the implementation of HL7?*

5. *What other healthcare data exchange methods do you currently use?*

Trust response:

Data warehouse:

1. Yes, we do
2. There are many, but the key ones are Sunrise EPR and Altera PAS. Solition (Radiology), Telepath (Pathology), KOMs (Cancer), E3 (Maternity), Lile (Sexual Health), Wardwatcher (Adult Critical Care), Badgernet (Neonatal Critical Care), Tomcat (Cardiology), Theatreman (Theatres), Teletracking (Patient Flow).
3. No significant gaps.
4. Varies from updates every 15mins, to daily, weekly and monthly updates depending on the system and the requirement.
5. More than 20 years

Healthcare data exchange methods:

1. Yes, used in Radiology for digital x-rays, scans etc.
2. Yes
3.
 - v. HL7 v2 on the interfaces but it is capable of V3 if a vendor requires it. You also have Web Services with HTTPS encryption and Secure Messenger for TLS 1.2
4. Not applicable
5. MESH, @nhs.net email