

Ref: FOIA Reference 2019/20-414

Royal Stoke University Hospital
Quality, Safety and Compliance Department
Newcastle Road
Stoke-on-Trent
Staffordshire
ST4 6QG

Date: 30th October 2019

Email foi@uhnm.nhs.uk

Dear

I am writing in response to your email dated 14th October 2019 requesting information under the Freedom of Information Act (2000) regarding Artificial Intelligence.

As of 1st November 2014 University Hospitals of North Midlands NHS Trust (UHM) manages two hospital sites – Royal Stoke University Hospital, and County Hospital (Stafford). Therefore the response below is for the two sites combined from that date where appropriate.

Q1 In this questionnaire, Artificial Intelligence is defined as the simulation of human intelligence processes by machines, especially computer systems. Particular applications of AI include chatbots, speech recognition and machine vision.

**1. In which health services has your Trust use Artificial Intelligence technologies?
[Tick all that apply]**

- a. Clinical care
- b. Patient diagnosis
- c. Patient outreach/liaison
- d. Drug development
- e. Laboratory research
- f. Other, please state
- g. Our Trust is not using Artificial Intelligence

A1 a) Clinical care
f) Other = Cyber defence

Q2 If your Trust does not use Artificial Intelligence technologies for health services today, when do you plan to deploy Artificial Intelligence? [Tick one only]

- a. Within the next 12 months
- b. Between 13 and 24 months
- c. Between 25 and 36 months
- d. Beyond 37 months

A2 Not applicable as the robotic process is automatic

Q3 Which Artificial Intelligence technologies does your Trust use today? [Tick all that apply]

- a. Chatbots
- b. Machine Learning
- c. Robotic Process Automation (RPA)

- d. **Speech recognition**
- e. **Computer vision**
- f. **Other, please state**

A3 c) Robotic Process Automation (RPA)

Q4 How much has your Trust invested in Artificial Intelligence in the last two years? [Tick one only]

- a. **Under £100,000**
- b. **Between £100,001 and £499,999**
- c. **Between £500,000 and £999,999**
- d. **Between £1,000,000 and £4,999,999**
- e. **Over £5,000,000**

A4 c) Between £500,000 and £999,999

Q5 Do you have a data strategy in place allowing your Trust to use the data for Artificial Intelligence projects? [Tick one only]

- a. **Yes, we can use our data for Artificial Intelligence projects**
- b. **No, we have data challenges in our Trust (e.g. too many data silos, lacking the skillsets, lack of strategy)**

A5 Neither of the above choices is relevant to UHNM

Q6 How is your Trust reviewing your data policy with regards to governance and using data for Artificial Intelligence projects? [Tick one only]

- a. **We have already reviewed our policy**
- b. **We plan to review our policy**
- c. **We have no plans to review our policy**

A6 a) We have already reviewed our policy

Q7 What is the job title of the most senior person responsible for Artificial Intelligence in your Trust?

A7 Director of IM&T and SIRO

*Please note that any individuals identified do not give consent for their personal data to be processed for the purposes of direct marketing.

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An anonymised copy of this request can be found on the Trust's disclosure log, please note that all requests can be found at the following link: <http://www.uhnm.nhs.uk/aboutus/Statutory-Policies-and-Procedures/Pages/Freedom-of-Information-Disclosure-Log.aspx>

This letter confirms the completion of this request. A log of this request and a copy of this letter will be held by the Trust.

If you have any queries related to the response provided please in the first instance contact my office.

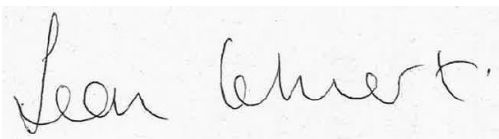
Should you have a complaint about the response or the handling of your request, please also contact my office to request a review of this. If having exhausted the Trust's FOIA complaints process you are still not satisfied, you are entitled to approach the Information Commissioner's Office (ICO) and request an assessment of the manner in which the Trust has managed your request.

The Information Commissioner may be contacted at:

Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire SK9 5AF or via www.ico.org.uk.

If following review of the responses I can be of any further assistance please contact my secretary on 01782 676474.

Yours,



Jean Lehnert
Information Governance Manager