**The Clatterbridge Cancer Centre**
**NHS Foundation Trust**

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Date: 5 July 2021

**Re:  Freedom of Information Request**
**Ref: 181-2021**

Thank you for your email dated the 21st June 2021, requesting information in relation to AI software and apps.

The information that you require is as follows:

1) **Is your NHS organisation currently using any software/apps that include artificial intelligence (AI)?**
   **Yes, our organisation is currently using software/apps that include artificial intelligence.**

**If answer to Q1 is yes:**
2) **Please provide a list of any AI-based software that is currently in use within your organisation. Please include the brand name of the software and the name of the company that sells it.**
   **Mirada Medical Ltd DLC Expert**
   **Varian AI Segmentation**
   **Varian RapidPlan™ knowledge-based treatment planning software**

3) **For each of the AI-based software products currently in use, please state whether:**
   a. **it is only being used within the context of a research study or pilot project OR**
   b. **is has been purchased/commissioned by your organisation for routine use.**
   **Mirada DLC Expert – Commissioned and being used clinically for radiotherapy planning CT scan organ at risk outlining**
   **Varian AI Segmentation – Commissioned and being used clinically for radiotherapy planning CT scan organ at risk outlining as part of a 90 day evaluation trial**

## Varian RapidPlan – Commissioned and being used clinically for radiotherapy planning

**Additional information that might be helpful:**
**To help you to identify whether any AI-based software is in use in your organisation, here are some definitions and examples (please note this is not a comprehensive list):**

- **AI is sometimes also described as 'machine learning', 'data-driven' or 'advanced algorithms'.**
- **Common examples of where AI is currently in use include:**
  - **Medical image processing software, such as:**
    - **For chest/cardiac CT scans: examples include HeartFlow (company name HeartFlow), Veye Chest (Aidence), icolung (icometrix), EchoGo (Ultromics)**
    - **For brain CT scans: examples include Aidoc: head (Aidoc), e-CTA and e-ASPECTS (Brainomix), Icobrain (Icometrix), and qER (Qure), Veolity (MeVis), and RapidAI (iSchemaView, Inc)**
    - **For mammography: Transpara Mammography and Transpara DBT (ScreenPoint Medical), HealthMammo Software (Zebra Medical Vision), and ProFound AI for 2D Mammography, Mia (Kheiron) and ProFound AI for DBT (iCAD)**
    - **Retinal imaging, such as Automated diabetic retinal image analysis software (Optos PLC)**
  - **Radiotherapy planning, such as DLCExpert (Mirada Medical Ltd)**
  - **In primary care, such as Babylon/GP At hand, or RITA: Referral Intelligence and Triage Automation (Deloitte)**
  - **Symptom checker apps/software such as C The Signs (C The Signs)**
  - **Mobile cardiac monitoring such as Zio-Service (iRhythm Technologies Ltd)**
  - **Appointment scheduling/efficiency systems such as DrDoctor (ICNH Ltd)**

Should you require any further information please do not hesitate to contact me on the email address provided below.

Please remember to quote the reference number above in any future communications.

If you are dissatisfied with the handling of your request, you have the right to ask for this to be investigated internally.

If you are dissatisfied with the information you have received, you have the right to ask for an internal review.

Both processes will be handled in accordance with our Trust's Freedom of Information Policy and the Freedom of Information Act 2000.

Internal investigation and internal review requests should be submitted within two months of the date of receipt of the response to your original letter and should be addressed to: Freedom of Information Review, The Clatterbridge Cancer Centre NHS Foundation Trust, Clatterbridge Road, Bebington, Wirral, CH63 4JY

If you are not satisfied with the outcome of the internal investigation/review, you have the right to apply directly to the Information Commissioner for a decision. The Information Commissioner can be contacted at: Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF.

**In order for us to ensure customer satisfaction and to monitor compliance with the Freedom of Information Act 2000, we would be grateful if you could take a couple of minutes to complete a short feedback form via the link below:**

**https://www.surveymonkey.co.uk/r/H39RFMM**