



Rt. Hon Joan Ryan MP
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House of Commons
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28 November 2016

Ms Elizabeth Denham
UK Information Commissioner
Information Commissioner's Office
Wycliffe House
Water Lane
Wilmslow
Cheshire
SK9 5AF

Our Ref: JR2988
Your Ref: ENQ0643805

Dear Ms Denham,

I write regarding the data sharing agreement between the Royal Free London NHS Foundation Trust and DeepMind to share the medical records of the Trust's patients, for the development of the Streams clinical app.

A number of my constituents, who have been treated at Chase Farm Hospital, Royal Free Hospital and Barnet Hospital, have contacted my office to raise concerns that they did not provide their explicit consent for their records to be accessed by and shared with DeepMind.

As this issue potentially affects many of my constituents, I am eager to establish whether there is any risk that the agreement breaches guidelines on patient confidentiality, consent and fair processing.

I understand this is a complex issue and that the Information Commissioner's Office are already conducting an investigation into the agreement and are in contact with the National Data Guardian about this matter.

However, this month, it was announced that the agreement between the Royal Free and DeepMind has been extended. The Streams app will now also be used to support doctors in clinical task management and assist in the prevention of life-threatening conditions such as sepsis, liver dysfunction and general organ failure.

In view of this, I have written to the Royal Free to raise my concerns and I enclose my letter to the Trust's Chief Executive, David Sloman.

I would appreciate an update on your investigation, given these new developments.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Joan Ryan', with a stylized flourish extending to the right.

Rt. Hon Joan Ryan MP
Member of Parliament for Enfield North

CC – David Sloman, Chief Executive of the Royal Free Hospital NHS Foundation Trust