

**Project Name:** The digitalisation of patient pre appointment assessment and annual health review

**The Parties:** Royal Free Hospital NHS Foundation Trust, Central & North West London NHS Foundation Trust and North Middlesex Hospital Trust

**The Term:** 2 years

### **The Project:**

The proposed project will involve the North Central London (NCL) HIV Network<sup>#</sup> and Gilead Sciences Ltd jointly working together to develop a digital solution to facilitate patient-reported health outcomes and clinician guided health data collection to assist clinicians to deliver more holistic care to people living with HIV. The tool will support self-management allowing the patient to undertake a pre-appointment health review, which can then be referred to by clinicians during consultations to assist the development of a personalised care plan which is relevant, appropriate, and accessible. Through ensuring a person-centred care approach the project is expected to improve adherence to BHIVA Standards<sup>1</sup> and Monitoring Guidelines<sup>2</sup> as well as delivering equitable HIV care and empowering people living with HIV to experience an innovative and up-to-date service care provision.

### **Aims:**

- Develop a digital solution that enables and empowers people living with HIV to optimise selfmanagement of their condition and their care, supporting clinicians in the delivery of personcentred holistic care, promoting adherence to the BHIVA Standards of care, and monitoring guidelines

### **Objectives:**

- To improve service provision for PLHIV when measured against national standards<sup>1</sup>
- To standardise a network-wide health review proforma in line with BHIVA Standards of care<sup>1</sup>
- To assist self-management by using a digital solution that enables patient-reported health outcomes which are accessible to the clinician
- To promote self-management for PLHIV through a patient-reported health review, utilising a person-centric approach
- To ensure a person-centred care approach is maintained, improving adherence to BHIVA standards of care<sup>1</sup>, and monitoring guidelines<sup>2</sup>

<sup>#</sup>Royal Free Royal Free London NHS Foundation Trust (RF), Mortimer Market Centre, Central & North West London Sexual Health (MMC), North Middlesex University Hospital (NMU)

1.- BHIVA Standards of Care for People Living with HIV 2018. Available at: <https://www.bhiva.org/standards-of-care-2018>. Accessed October, 2020.

2.- BHIVA guidelines for the routine investigation and monitoring of adult HIV-1-positive individuals 2016 (2019 interim update). <https://www.bhiva.org/HIV-1-treatment-guidelines> . Accessed October, 2020.

### **Outcomes:**

- A digital solution that results in improved patient engagement in own health
- Increase in uptake of annual health reviews
- Improvement in comorbidity assessment and increased adherence to BHIVA Standards<sup>1</sup> and monitoring guidelines<sup>2</sup> ○ Significant measurable improvement in patient outcomes versus the BHIVA standards

### **Benefits to Patients**

This Joint Working Project will benefit patients in several different ways, including those set out in detail above and by:

- Providing people living with HIV within NCL HIV Network# a standardised assessment which meets the BHIVA Standards of care<sup>1</sup> and monitoring guidelines<sup>2</sup>
- Providing to people living with HIV within NCL HIV Network# an improved experience in the HIV service provision, virtual or face-to-face consultation
- Facilitating the opportunity for patients to develop self-management skills through this digital solution
- Increasing an equitable, and person-centred care
- Improve the access, engagement to and retention in care
- Value-added outcomes in patients with complex HIV care needs
- Facilitate a better sexual and reproductive health outcome
- Enhanced psychological care and wellbeing outcomes

#### **The benefit to the NHS within NCL HIV Network**

- Analysis of the current performance versus BHIVA Standards of Care<sup>1</sup> and Monitoring Guidelines<sup>2</sup>
- A Network-wide# approach of a patient-reported health review, assisting clinicians in the delivery of a holistic HIV care consultation, in a virtual or face-to-face environment
- Funding and support to develop a digital solution that enables the adherence BHIVA Standards of Care<sup>1</sup> and Monitoring Guidelines<sup>2</sup> resulting in higher quality care
- A platform that supports audit and continuous improvement in HIV service care delivery and services configured around patient needs

#### **The benefit to Gilead Sciences**

- Involvement in this project anticipates bringing further understanding of the BHIVA Standards of care<sup>1</sup> and monitoring guidelines<sup>2</sup>. This insight shall allow the HIV Standards Support team to better support other NHS Trusts
- Gilead's HIV Standards Support team shall utilise insights from this project to disseminate best practice, and support other NHS Trusts to develop similar digital solutions

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