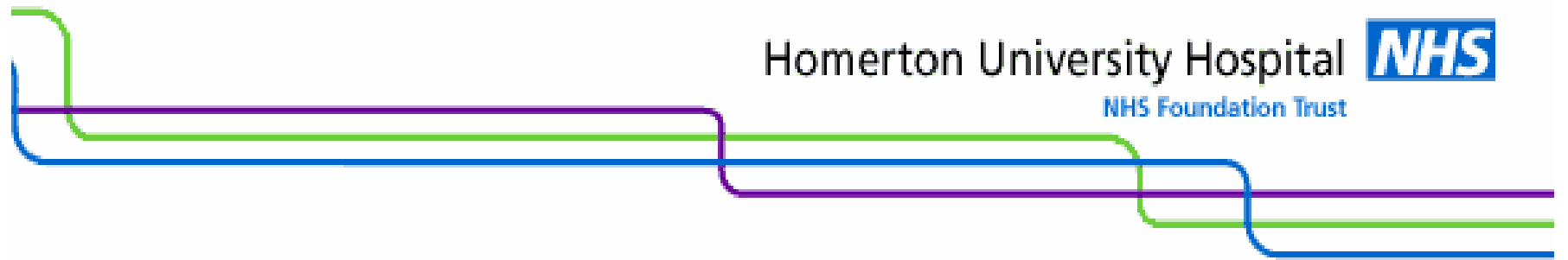




**City University**  
London



Homerton University Hospital



NHS Foundation Trust

Treatment and care for people  
living with HIV in London -  
*ethnicity, gender and sexual  
orientation*

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# *Objectives*

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To examine uptake of antiretroviral therapy among people living with diagnosed HIV in London, by ethnicity, gender and sexual orientation

# *NHS HIV outpatient clinics*

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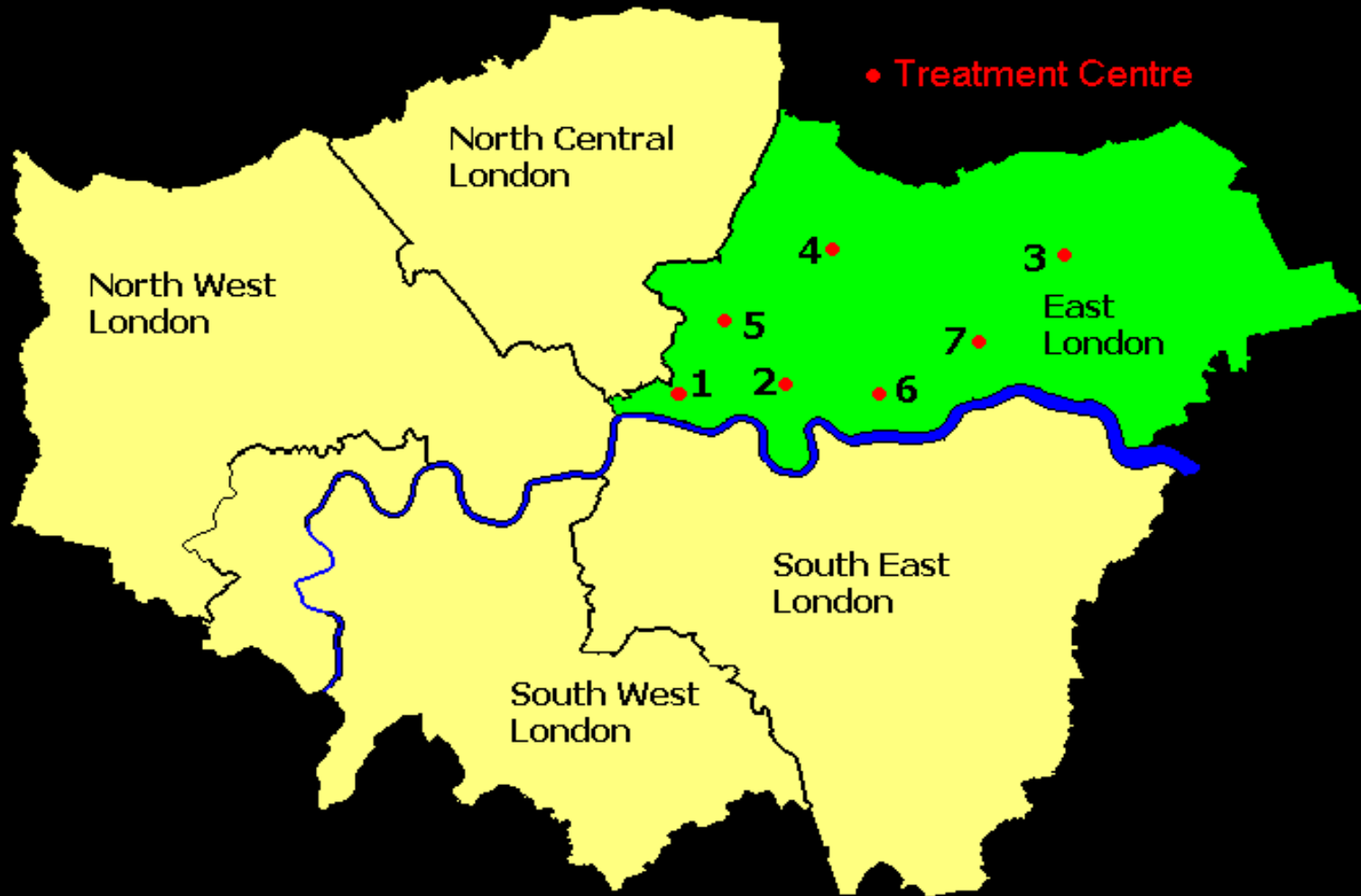
- In the UK, National Health Service (NHS) outpatient clinics provide clinical care to the majority of people diagnosed with HIV
- Clinic sample broadly representative of all those diagnosed with HIV

# *East London project*

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- Questionnaire study examining social, economic and behavioural characteristics of patients attending HIV outpatient clinics in north east London
- Barking, Barts, Homerton, Newham, Royal London, Whipps Cross
- June 2004-June 2005

# London





Waltham  
Forest

Redbridge

*Old Church*  
Havering

*Whipps Cross*

City and  
Hackney

*Homerton*

*Barking*

Barking and  
Dagenham

*Barts*

Tower  
Hamlets

Newham

*Newham*

*Royal London*



# *Recruitment 2004-2005*

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People attending the clinics	2680
Eligible for the study	2299
Declined to participate	612
Completed a questionnaire	1687

# *Recruitment 2004-2005*

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People attending the clinics	2680	
Eligible for the study	2299	(100%)
Declined to participate	612	(27%)
Completed a questionnaire	1687	(73%)

# *Recruitment 2004-2005*

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People attending the clinics	<b>2680</b>	(100%)
Eligible for the study	<b>2299</b>	(86%)
Declined to participate	<b>612</b>	
Completed a questionnaire	<b>1687</b>	(63%)

# *Overall sample of people with HIV*

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**Black African heterosexual men and women** 704

*Black African heterosexual women* 480

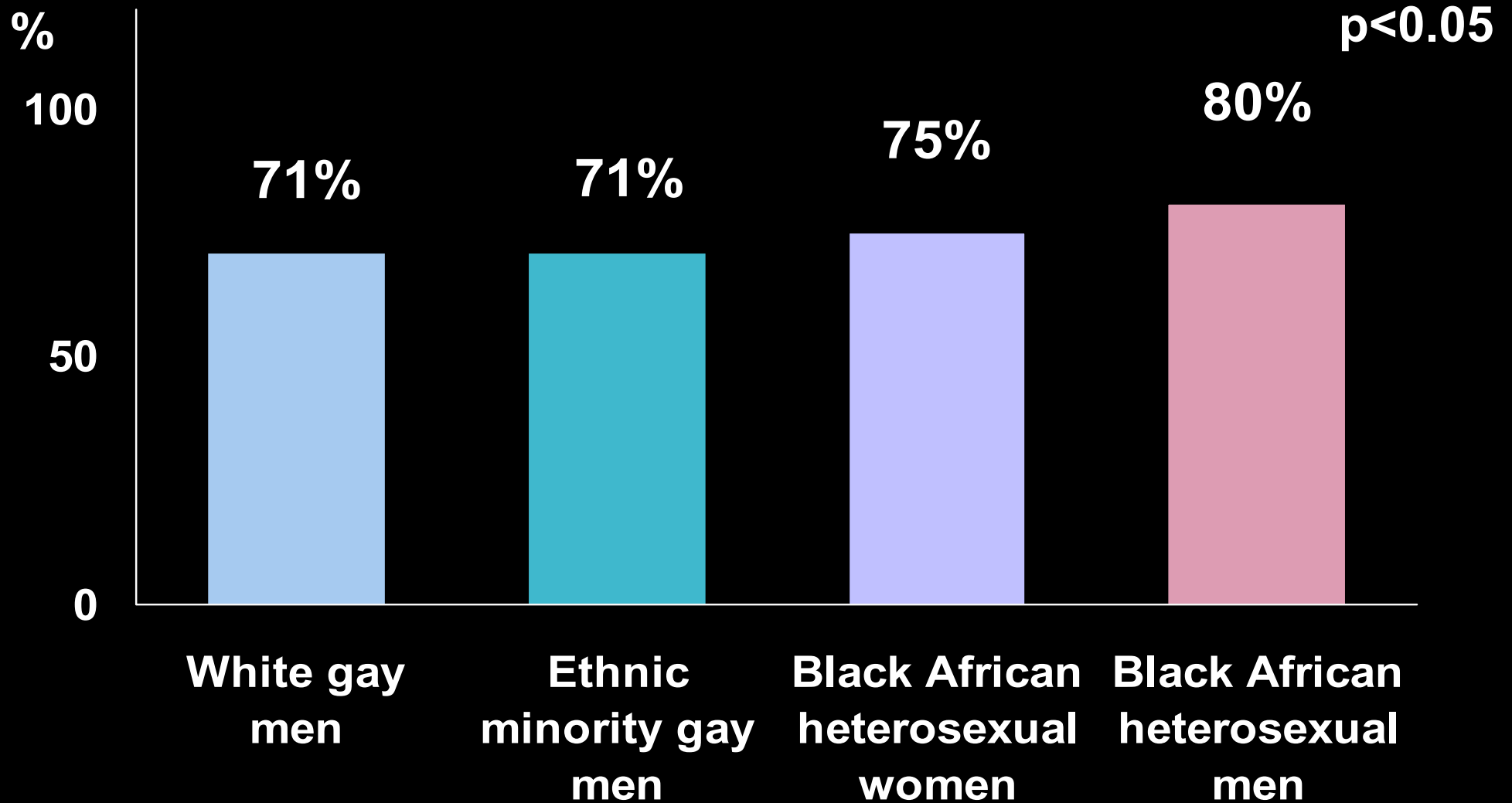
*Black African heterosexual men* 224

**Gay men** 758

*White* 646

*Non-white* 112

# *Percentage currently taking antiretroviral therapy*

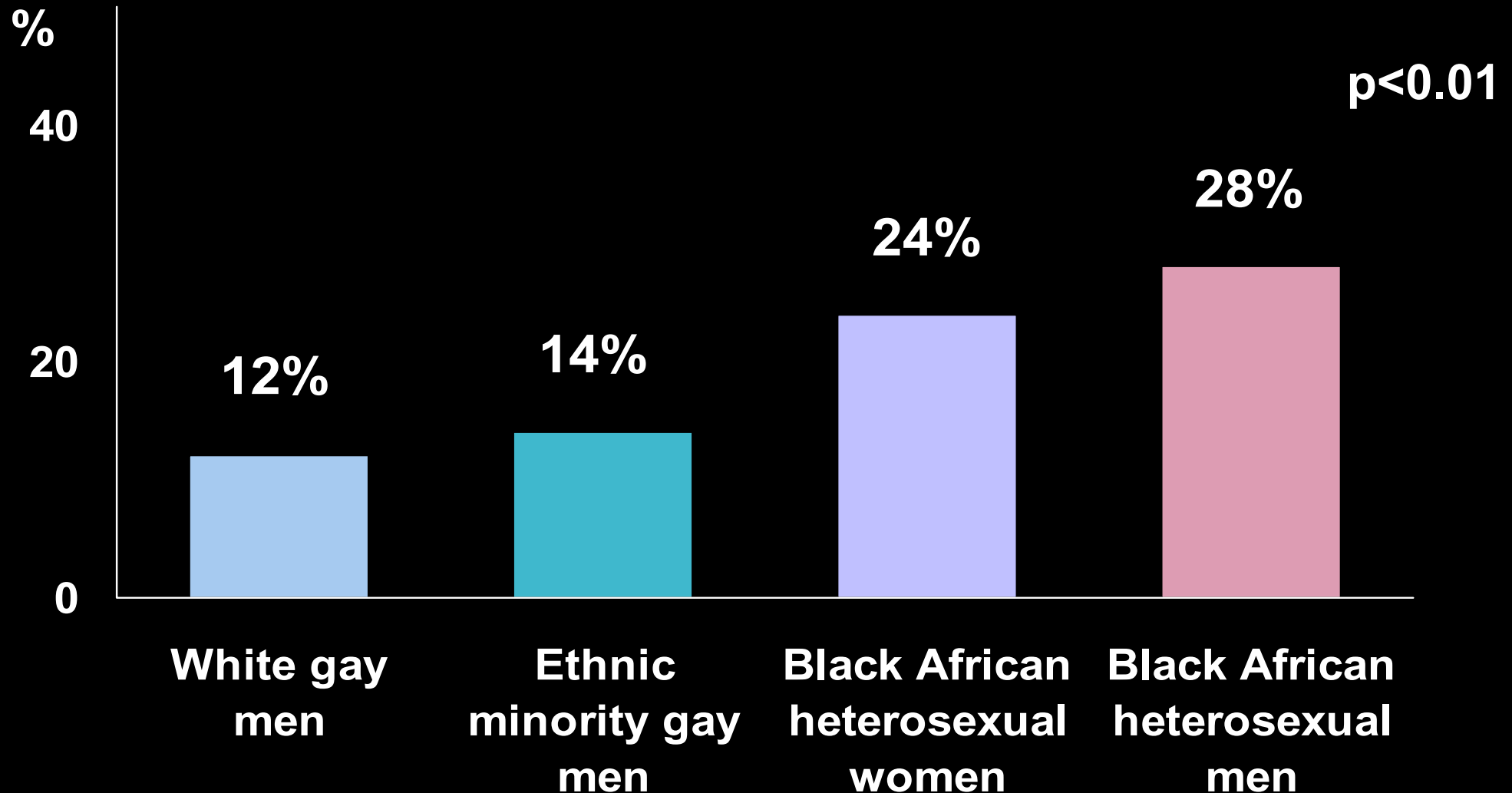


# *Factors associated with taking antiretroviral therapy*

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- CD4 cell count < 200 cells/mm<sup>3</sup>
- Undetectable viral load
- Number of years since diagnosis
- Older age
- Body showing signs of living with HIV

# *Percentage reporting their most recent CD4 count was less than 200*



# *Multivariate analysis*

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After controlling for most recent CD4 count, there was no significant difference in uptake of antiretroviral therapy by ethnicity, gender or sexual orientation



# *Uptake of antiretroviral therapy*

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	Adj odds ratio (95% CI)
White gay men (ref group)	1.00
Ethnic minority gay men	1.09 (0.59, 2.03)
Black African women	1.12 (0.75, 1.68)
Black African men	1.54 (0.85, 2.81)

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# *Conclusion*

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In this London study among people with diagnosed HIV, uptake of antiretroviral therapy was not associated with ethnicity, gender or sexual orientation after adjusting for differences in CD4 cell count between the groups

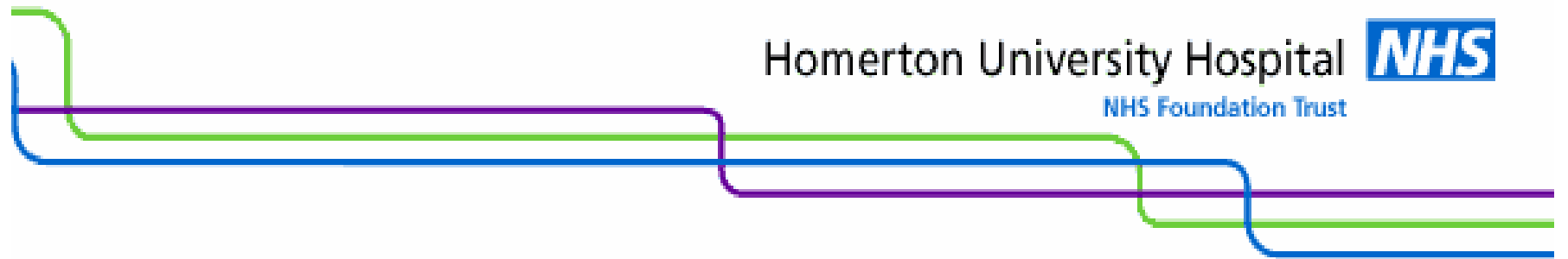
# *Thank you to.....*

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- St Bartholomew's and the Royal London Charitable Foundation and City University London for financial support
- All the clinic staff and patients who gave us their support and time



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