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Barts and The London School of
Medicine and Dentistry

Is Primary care prescribing for patients with HIV safe?

A review of practice in an inner London borough

Dr Rosie Wellesley
General Practitioner

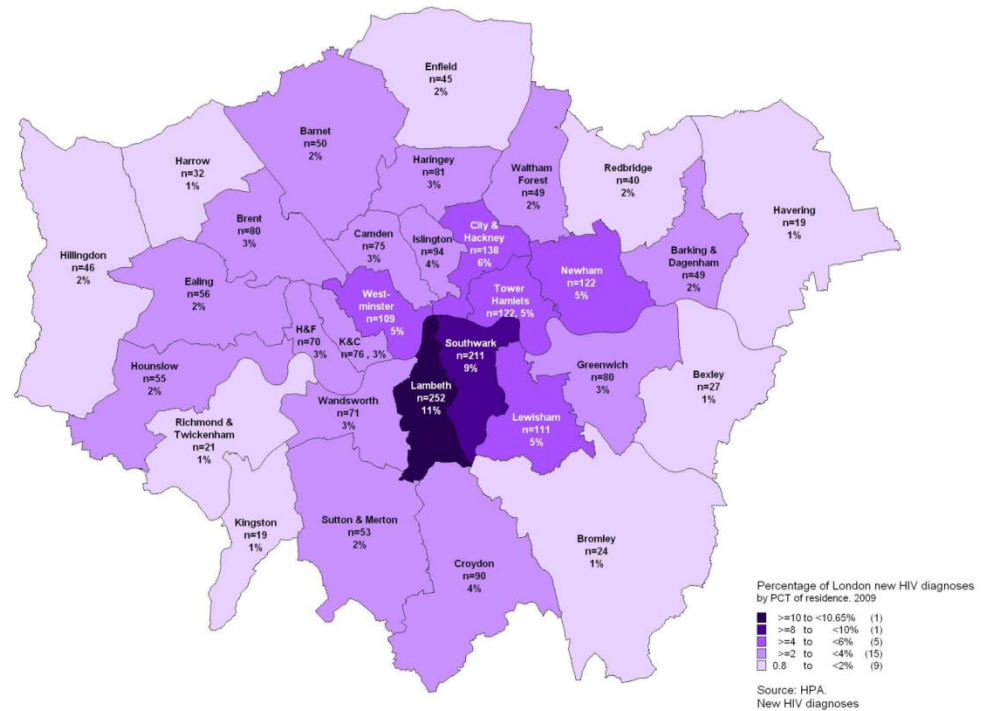
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Background

- City and Hackney: characteristics

- Tower Hamlets: Results of an Audit*

- BHIVA Standards of Care 2013



* Dorward J, et al. Sex Transm Infect. 2012;10.1136.

Aims of the Review

Qu.1 Are GPs coding HIV status in 'problem list'?

Qu.2 How well do secondary care clinics communicate with GPs?

Qu.3 Are GPs accurately documenting antiretroviral therapy?

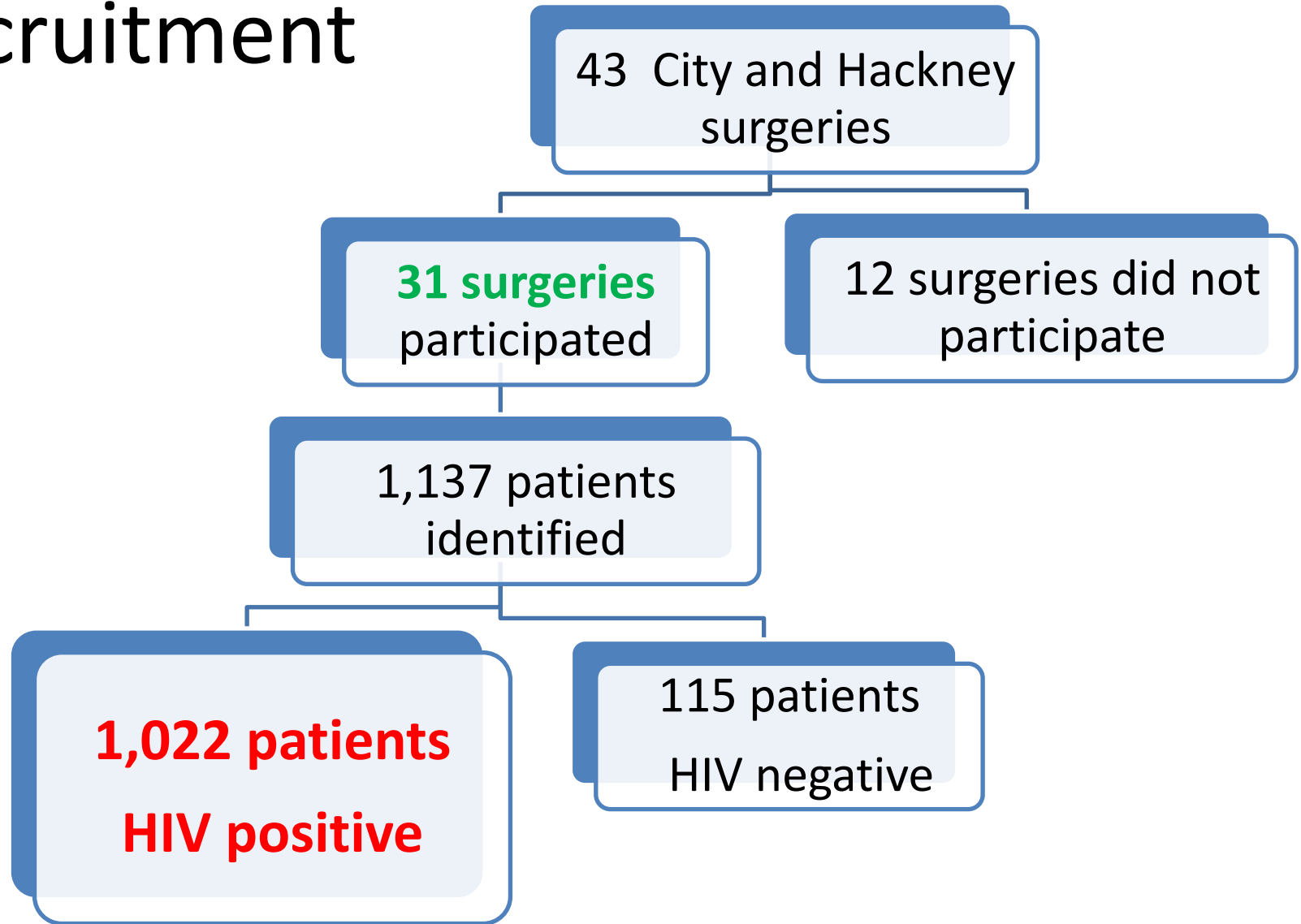
Qu.4 Are GPs prescribing medications that are contraindicated with antiretroviral agents?

To inform GPs and update patient GP records

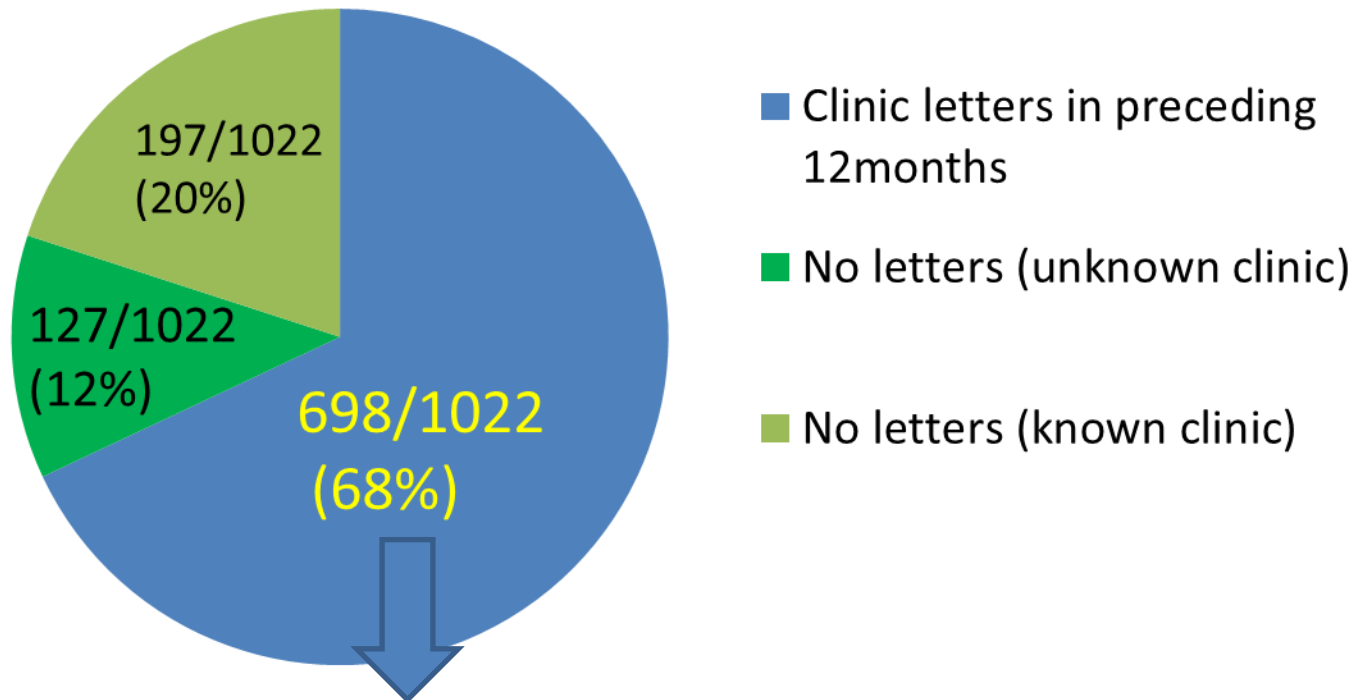
Methods

- **Borough-wide retrospective case notes review** commissioned by public health team
- **All** surgeries in City and Hackney invited to participate for an incentive fee
- Electronic notes searches to identify patients living with HIV
- A survey team member worked with individual GPs in running searches and collecting data (2-5 hours)
- GP records were updated and results fed back to individual surgeries

Recruitment



Results: Letters from secondary care clinics received by GPs



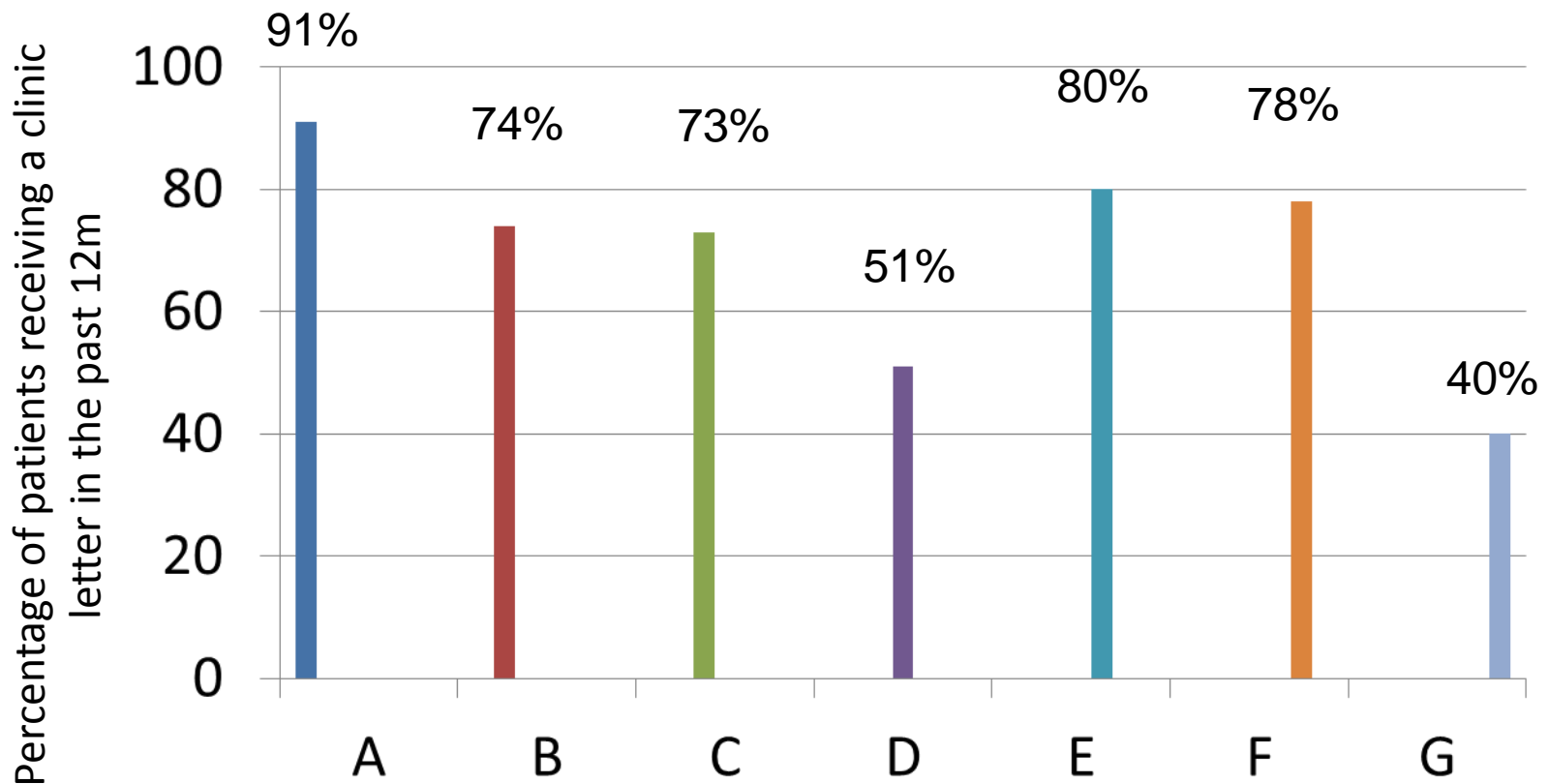
Of 698 secondary care clinic letters

636 (91%) contained details of ART

62 (9%) the specific ART was not detailed

Results: Variation in individual clinic communication in preceding 12 months

BHIVA Standard 3 : audit standard 95% and above*



Anonymised secondary care clinics seeing over 30 patients (of the 825 at known clinics)

*British HIV Association Standards of care for people living with HIV in 2013: British HIV Association

Results: GP documentation

1011/1022 (99%) patients identified had HIV coded as a main diagnosis

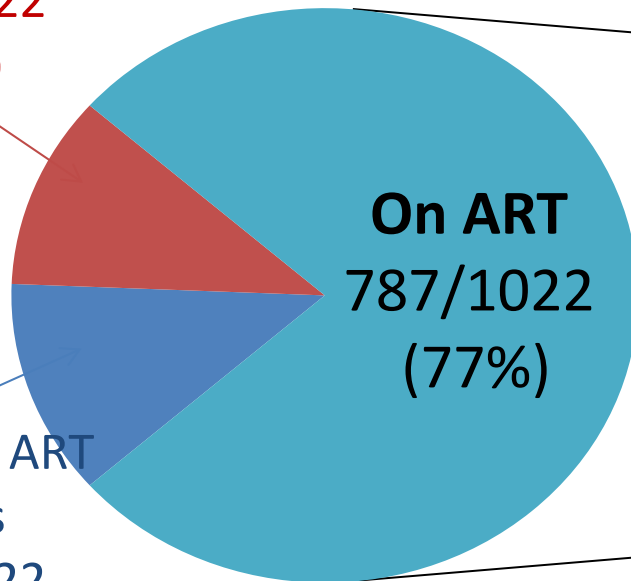
- Few surrogate codes used
- Much better than previous suggestions*

* H E R Evans et al, Sex Transm Infect 2009;85:520-526

Results: GP antiretroviral documentation

ART status

Not on ART
111/1022
(11%)



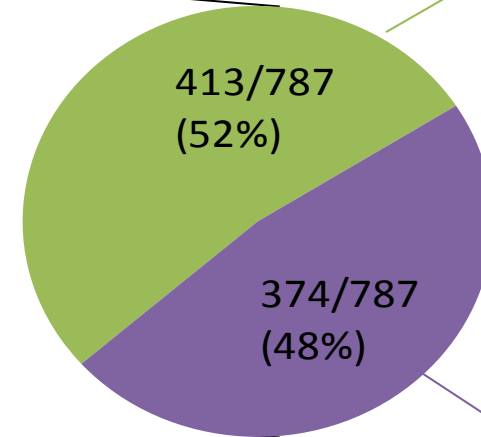
ARV recording in GP records

Correctly coded

413/787
(52%)

374/787
(48%)

Not/incorrectly coded



Results: Contraindicated pairings

- On protease inhibitors and intranasal or inhaled mometasone/fluticasone/budesonide
 - 19/787 (2.4%) patients on ART
- On proton pump inhibitors and atazanavir or rilpivirine
 - 7/787 (0.9%)
- On antiretrovirals and simvastatin
 - 13/787 (1.7%)

Comments

- Borough- wide General Practice case notes analysis, on notes of patients who had already disclosed status to GPs
- Huge GP motivation and engagement
- Primary care coding of drugs prescribed in secondary care needs to improve for clear safety reasons but this relies on good communication
- Feeding back data to surgeries for presenting to colleagues is very important
- Is this be used as a future model for education and audit?

THANK YOU



Dr. A. Whittle, Professor. C. Griffiths, Dr. W. Leber, Ms. H. McMullen
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Medicine and Dentistry

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The logo of the British HIV Association (BHIVA) is a circular emblem with a complex, geometric pattern of lines and dots, resembling a stylized sun or a network. It is positioned behind the main title text.

British HIV Association
BHIVA

A light blue map of the United Kingdom is visible in the background. A red circular marker is placed on the map, indicating the location of Manchester in the north-west of England.

**19th Annual Conference of the
British HIV Association (BHIVA)**

16–19 April 2013

#BHIVA2013

Manchester Central Convention Complex