18<sup>th</sup> Annual Conference of the British HIV Association (BHIVA)



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#### **Croydon University Hospital**

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Opt-out HIV testing policy implemented as routine standard of care for acute medical admissions in a high prevalence area: Effective and sustainable

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- Approx. 24% HIV undiagnosed
- Prompt diagnoses confer mortality benefits<sup>1</sup>
- High prevalence areas: universal HIV testing in medical admissions and new GP registrants<sup>2</sup>
- Feasibility and acceptability established<sup>3</sup>
- Sustainability not tested beyond pilots

<sup>1</sup> UK CHIC 2011
<sup>2</sup> Joint society guidelines 2008
<sup>3</sup> HPA Time to Test 2011

# Croydon





#### Croydon – worst of both worlds?



#### 2010 Prevalence 4.75/1000

#### Late Diagnosis CD4 <350 66%



Sex & our city 2008 (2006 data)



Croydon Health Services NHS

NHS Trust

- Descriptive study
- Business case presented for lab funding
- All patients aged 16-79y entering AMU to have an HIV test unless declined
- Verbal consent obtained
- Medical proforma amended
- Trust policy commenced July 2011
- Initially supported by HIV staff
- Ownership taken by AMU staff

# Methods - interventions

- Patient information
- HA support
- Role play scenarios
- Grand rounds
- Doctors' induction
- Ward visits
- Posters
- Troubleshooting
- Nurse appraisals



Croydon Health Services NHS

Croydon Health Services

NHS Trust

#### Results: test rate



## Results: acceptability

Uptake rate:

- Notes review
- In line with other studies:
  - o Brighton
  - HINTS
  - O CUH



## Results: demographics

Croydon Health Services





## **Results: Clinical Indicators**





#### Results: reasons for refusal

#### n = 74



- Believe not at risk
- No reason
- Recently tested neg
- Didn't want to know
- Communication issue

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Declined bloods

# HIV diagnoses

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Diagnosis	CD4	Age	Ethnicity
Diarrhoea 3/7	1029 (38%)	50	BA (Zimbabwe)
PCP, candidiasis	187 (12%)	38	BB (MSM)
Malaria, ARF	781 (21%)	34	BA (Ivory Coast)
Pneumonia, candidiasis	230 (10%)	37	BC (Jamaica)
CAP, PCP, KS	249 (11%)	40	BC (Jamaica, MSM)
PUO (primary HIV)	208 (12%)	48	BA (Nigeria)
ARF (HIVAN)	275 (17%)	51	BC (Jamaica)
CAP (strep. pneum.)	131 (6%)	47	BA (Liberia)
PCP	168 (13%)	40	BO (France)
Cerebral toxoplasmosis	28 (2%)	41	BA (Ghana)
CAP (strep. pneum.)	35 (7%)	42	BA (Zambia)

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Data analysis:

- •Not RCT
- Documentation poor
- •No qualitative measures of our interventions

Policy:

- •Uptake by staff initially poor
- Logistical problems
- Assumption test undertaken



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- Feasible
- Effective
- Low resource requirement
- Nursing ownership is key
- We can do it so can you

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