21st Annual Conference of the National HIV Nurses Association (NHIVNA)

27–28 June 2019 · Manchester Conference Centre
'Innovative Practice’
A commissioned service to deliver routine HIV screening within the Acute Medical Unit (AMU)

..Presented by:
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Lancashire HIV Services
Acknowledgements

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Dr Wafaa Wasef | Consultant in Genitourinary & HIV Medicine

We would also like to thank the below departments for their continued support and guidance in implementing this service.
<table>
<thead>
<tr>
<th></th>
<th>Our Service Aims &amp; Objectives</th>
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<tbody>
<tr>
<td>1</td>
<td>To integrate HIV testing into routine admission processes for all general medical patients</td>
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<tr>
<td>2</td>
<td>To achieve recommended national guidelines &amp; local Trust objectives (PHE Nov 2017)</td>
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<td>3</td>
<td>To identify undiagnosed HIV infection, reduce late diagnosis &amp; improve morbidity &amp; mortality</td>
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<td>4</td>
<td>To prevent onward transmission</td>
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</table>
Why test?

• Blackpool – ‘High Prevalence’ Area.(Fingertips PHE 2019)

• Missed opportunities in Primary Care setting

• Embedding HIV testing into AMU will support HIV as differential diagnosis & ensure screening becomes routine practice.
Tools required for success

• Referral pathways & KPIs identified.
• Staff training & education sessions
• Patient information.
• On-going support from senior staff e.g. Consultants, Matrons, Ward Managers & Sexual Health Services.
Method

- Local policy developed “Screening for HIV in the Acute Medical Unit”
- Nurse-led initiative with opt-out screening protocol
- Established local key performance indicators
- In patient electronic patient tracker modified
- Robust pathways established to HIV services
- Audited & quality improvement
Inclusion Criteria

General Medical Admission

All Ages

Not screened in the last 12 weeks

Excluding criteria: Unable to consent due to temporary/long term cognitive impairment, Mental Health issues, pre-existing HIV diagnosis.
Patient Tracker

Demonstrates patients age highlighted (pink) when HIV screening incomplete
### Patient Tracker

**Blackpool Teaching Hospitals**

**NHS Foundation Trust**

#### CAT Unit Patient Tracker

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<tr>
<th>Select</th>
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<th>Admission Time</th>
<th>Diagnosis</th>
<th>DHI</th>
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**Completed**

- People Centred
- Positive
- Compassion
- Excellence
Patient Tracker

Shows the required data entry point as part of a patients admission process
Outcome: 10/13-09/16

- 24,012 patients identified for screening
- 4,816 (20%) excluded as per exclusion criteria.
- 19,196 (80%) eligible for testing.
- In total 9,664/19,196 (50.3%) tested.
- A total of 9,532/19,196 (49.7%) ‘opted-out’ of testing.
Graph 1: Number of tests taken in relation to the number of patients admitted between 10/13 and 09/16
Results : 10/13-09/16

• 12 HIV positive tests.

• 10/12 (83.3%) new diagnoses.

• 2/12 (16.7%) pre-existing diagnoses, re-engaged in care.
Graph 2: Uptake of HIV tests between 10/13 and 09/16 including new HIV diagnoses

- 10/13 - 03/14: 30.4%, 2 new HIV diagnoses
- 04/14 - 09/14: 41.7%
- 10/14 - 09/15: 31.9%, 1 new HIV diagnosis
- 10/14 - 12/14: 6.6%
- 12/14 - 03/15: 1.7%
- 04/15 - 06/15: 2.2%
- 07/15 - 09/15: 14.4%, 1 new HIV diagnosis
- 10/15 - 12/15: 55.6%
- 01/16 - 03/16: 58.1%
- 04/16 - 06/16: 60.5%
- 07/16 - 09/16: 64.7%

New HIV diagnosis
Update: Oct 13 – May 19

• 57,757 patients identified for screening

• 5,012 (9%) excluded as per exclusion criteria.

• 52,745 (91%) eligible for testing.

• In total 15,850/52,745 (30%) tested.

• A total of 36,895/52,745 (70%) were not tested.
Results:

• 26 HIV positive tests.

• 17/26 (65%) new diagnoses.

• 9/26 (35%) pre-existing diagnoses
Conclusion

• Findings support AMU is a suitable environment for opportunistic & cost effective HIV testing.
• Supports early diagnosis and prevents missed opportunities.
• Engages late diagnoses into specialist services.
• Improves mortality.
• Existing patients who are “lost to follow up” – re-engage in care.
• Perseverance & a consistent approach.
• Future roll out to other areas
Refs


• https://fingertips.phe.org.uk/

• https://www.gov.uk/guidance/hiv-testing

• https://www.guidelines.co.uk/infection/nice-hiv-testing-guideline/252881.article