



nhivna

NATIONAL **HIV** NURSES ASSOCIATION
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21st Annual Conference *of the* **National HIV Nurses Association (NHIVNA)**

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'Innovative Practice'

A commissioned service to deliver routine HIV screening within the Acute Medical Unit(AMU)

..Presented by:
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Acknowledgements

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Public Health
England



Blackpool
Clinical Commissioning Group

**Blackpool and Lancashire
Sexual Health Services**



**Blackpool Teaching
Hospitals**
NHS Foundation Trust



Our Service Aims & Objectives

1

- To integrate HIV testing into routine admission processes for all general medical patients

2

- To achieve recommended national guidelines & local Trust objectives (PHE Nov 2017)

3

- To identify undiagnosed HIV infection, reduce late diagnosis & improve morbidity & mortality

4

- To prevent onward transmission

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

CAT Unit Patient Tracker Bed Management Shane Faulkner Sign Out

My Clinical Area: AMU

Dashboard Awaiting Arrival Patient Other Patient Search Ambulatory Clinic

AMU Status Board Last refreshed: 23/01/2017 11:22:03 Show all Toggle PED

1 Awaiting Arrival	1 Awaiting Clerking	1 Awaiting Discharge	26 Awaiting Transfer	1 DNA	27 Transferred
6 Discharged	5 On-Going Management	1 R.I.P.	1 Self Discharge	1 Direct to Ward	1 AMU Patients in A&E
2 Discharge from A&E					

	Bed	Triage	Hospital Number	Age	Arrival DT	Cons / Reg	Pharmacy	Patient Status	Warning	Potential Dest / Comments	EDD
Select	A&E		541286	29	23/01/2017 11:20			Awaiting Clerking - Kalyan Peddada (CMT)		--	--
Select	1		710227	48	23/01/2017 04:40	Dr A Bhadra		Awaiting Discharge	✓	--	23/01/2017
Select	2		AE41754	61	23/01/2017 02:45	Dr A Bhadra		Awaiting Transfer	✓	Any medical ward	27/01/2017
Select	3		396376	83	19/01/2017 16:24	Akash Awasthy (ST3+)	DH(T-AMU) CC	Awaiting Transfer	★ ⚠️ ⚠️ AKI COPD	resp ward only	28/01/2017
Select	4		224311	89	20/01/2017 23:12	Dr Gasimmalla	DH(T-AMU) CC	Repeat SR Required	★ ⚠️ ✓	resp ward only	26/01/2017
Select	5		AE39909	88	23/01/2017 01:17	Dr A Bhadra		Awaiting Transfer	★ ⚠️ ⚠️ ✓	Any medical ward	26/01/2017
Select	6		204041	25	23/01/2017 06:21	Dr A Bhadra		Awaiting Transfer	⚠️ ⚠️ ⚠️ ⚠️ ✓	Any Medical Ward	25/01/2017
Select	7		667565	25	23/01/2017 01:10	Dr A Bhadra		On-Going Management	⚠️ ✓ ⚠️	--	25/01/2017
Select	8		669261	83	22/01/2017 14:07	Gurkaran Samra (ST3+)	DH (P-AMU) CC	On-Going Management	⚠️ ⚠️ ❤️ AKI HF ✓	Cardiology joint care	29/01/2017
Select	10		660684	69	23/01/2017	Dr A Bhadra		On-Going Management	⚠️ ⚠️ ✓	--	23/01/2017

Demonstrates patients age highlighted (pink) when HIV screening incomplete

**Blackpool Teaching
Hospitals**
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Completed

Patient Tracker

Additional Information

Clinical Pathways:

☐ Abdominal ☐ AKI

☐ #NOF ☐ Pneumonia

Potential Destination / Comments:

HIV Screening: ☐ Comments:

Warning Indicators:

☐ End of Life ☐ Barrier Nurse

☐ Frailty

Medical Outlier:

Patient Status Other:

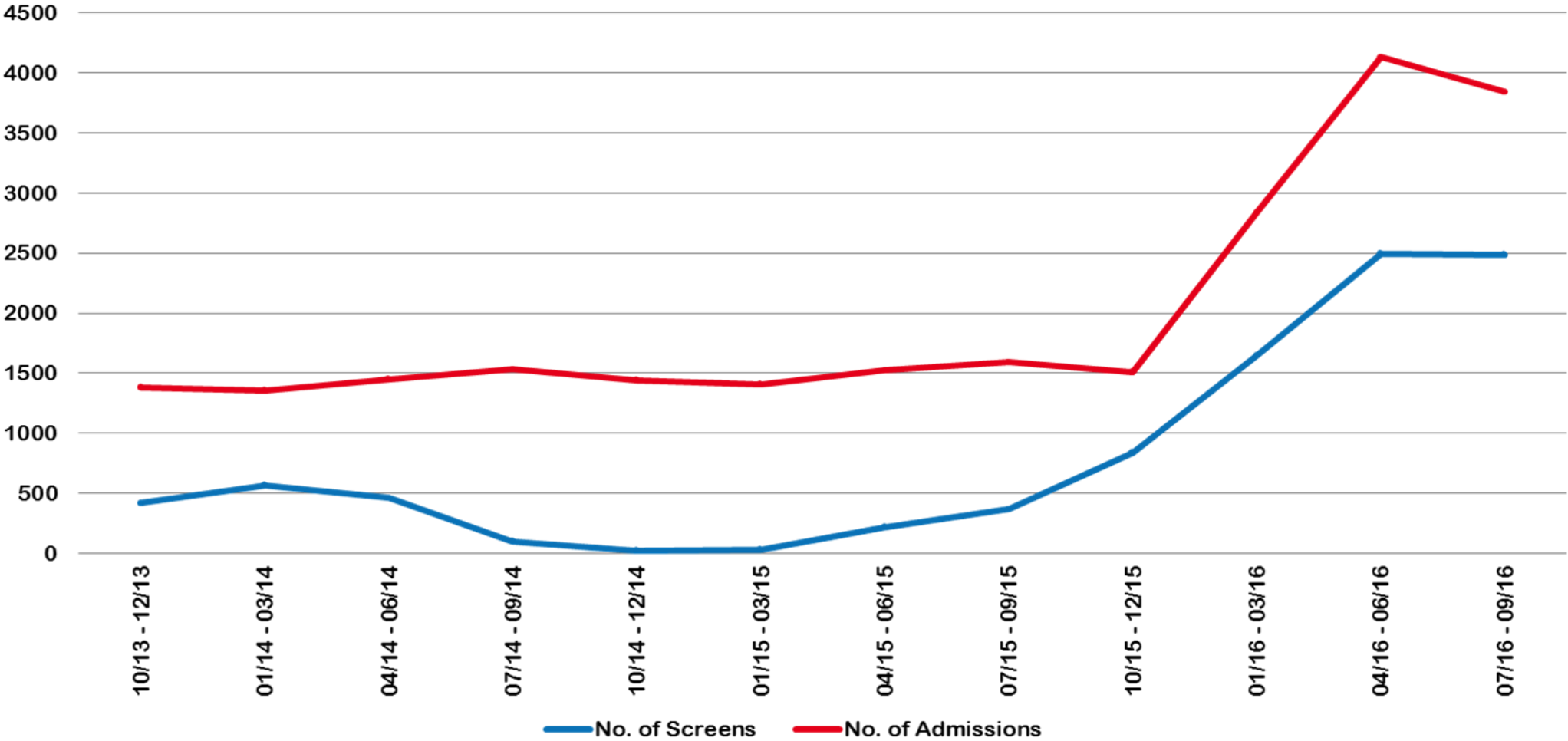
Completed
Declined
N/A

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

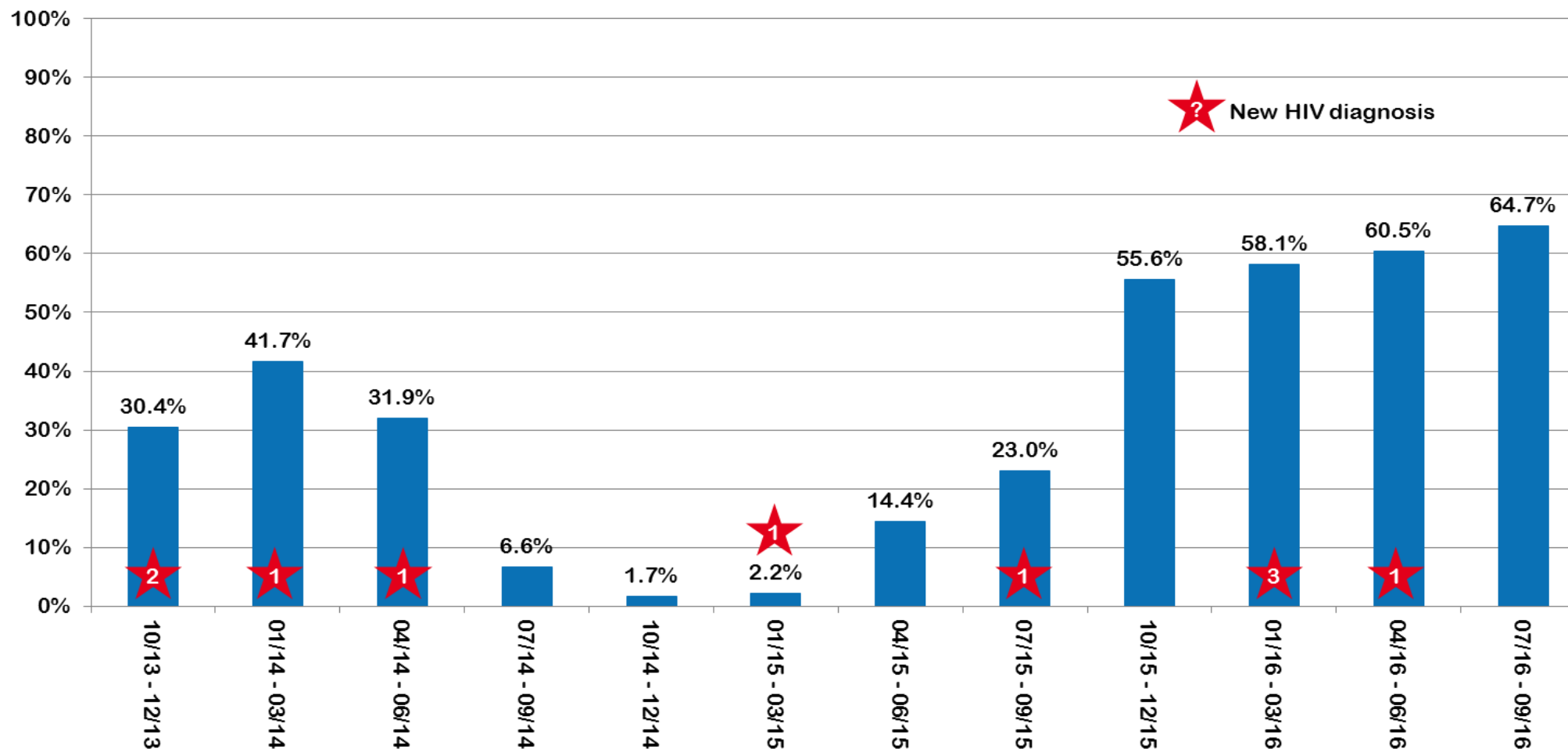


Together we care

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



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://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/675809/Towards elimination of HIV transmission AIDS and HIV related deaths in the UK.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/675809/Towards_elimination_of_HIV_transmission_AIDS_and_HIV_related_deaths_in_the_UK.pdf)
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