

Audit of patients seen for diagnostic work-up after testing HIV positive

The main purpose of this audit is to assess timeliness of HIV diagnosis and the impact of the UK National Guidelines for HIV Testing 2008. It is a modified re-audit of BHIVA's 2003 audit of newly diagnosed HIV patients, which found substantial late diagnosis, pre-diagnosis HIV-related morbidity and missed opportunities for testing.

Please complete for consecutive adult patients seen in your service between 1 August and 31 October 2010 for initial work-up after testing HIV positive, up to a maximum of 40 patients.

INCLUSION:

- INCLUDE patients who attended your service for post-diagnostic work-up after being tested for HIV somewhere else.
- INCLUDE patients whose HIV test and post-diagnosis work-up both took place in your service.
- INCLUDE patients who tested HIV positive before 1 August but were first seen for post-diagnosis work-up after that date.

EXCLUSION:

- EXCLUDE patients who are new to your service but have previously received care for diagnosed HIV infection elsewhere.
- EXCLUDE patients who were tested for HIV in your service but went somewhere else for post-diagnosis work-up.
- EXCLUDE patients under the age of 16.

What is the patient's sex?

- Male Female Transgendered

What is the patient's age?

- 16-19 20-29 30-39 40-49 50-59 60 or over Not known

What is the patient's ethnic group?

- White Black-African Other Not known

Please give the patient's country of birth, if known:

By what route was HIV probably acquired?

- Sex between men Sex between men and women Injecting drug use Other Not known

Where was HIV probably acquired?

- United Kingdom Africa Somewhere else Not known

Was the patient's first reactive HIV test conducted within your department/service? (Answer "No" if patient was initially tested elsewhere and referred to your service for confirmatory testing or for post-diagnosis work-up.)

- Yes No Not sure

Please select the DAY and MONTH on which the patient was first seen *in your service* by an HIV specialist professional (eg doctor, nurse, health advisor) as a newly diagnosed HIV patient. This may have been before eg CD4 test results were available and so before the patient could be medically assessed. If this date was outside the period August-October 2010, the patient is not eligible for inclusion in the audit.

Day: August 2010 September 2010 October 2010

Please give each of the following dates in full if possible. If exact day is not known, then please give month and year:

	Day	Month	Year
Date of first reactive HIV test	<input type="text" value="[Select answer]"/>	<input type="text" value="[Select answer]"/>	<input type="text" value="[Select answer]"/>
Date of first confirmed positive test (if different)	<input type="text" value="[Select answer]"/>	<input type="text" value="[Select answer]"/>	<input type="text" value="[Select answer]"/>
If tested outside your service, date referral to your service was received	<input type="text" value="[Select answer]"/>	<input type="text" value="[Select answer]"/>	<input type="text" value="[Select answer]"/>

Was the patient a recent migrant to the UK at the time of testing HIV positive?

- Yes, arrived in UK less than 6 months before testing HIV positive
 Yes, arrived between 6 months and 2 years before testing HIV positive
 Yes, thought to be a recent migrant but date of arrival not known
 Not a recent migrant, thought to have been in UK more than 2 years
 Not known

Was the patient registered with a GP at the time of testing HIV positive?

- Yes No Not known

What was the patient's CD4 count in cells/ μ l when first measured?

- 0-50 51-200 201-350 351-500 500 or above Not known

What was the patient's HIV viral load in copies/ml when first measured?

- 0-10,000 10,001-100,000 100,001 or above Not known

In what clinical setting was the patient's first reactive or positive HIV test conducted?

- GUM or sexual health clinic
 HIV clinic (non-GUM)
 Drug dependency service

- General practice
- Community HIV test service (including voluntary provider)
- Self-purchased test
- Antenatal clinic
- Termination of pregnancy service
- Accident and emergency department
- Hospital admissions/assessment unit
- Other hospital inpatient or day patient department, please state speciality:
- Hospital out-patient department, please state speciality:
- Other, please state:

Why was HIV testing conducted (please tick all that apply)?

- Routine for patients attending specific service
- Routine for patients with specific condition or disease
- Routine because of demographic, risk or behaviour category
- For diagnosis of presenting condition/disease
- Patient requested or initiated the test
- Sexual contact of infected or high risk individual
- Parent of infected child

Please comment further if you wish:

Was the patient diagnosed with primary HIV infection?

- Yes No Not sure

If yes, on what basis was primary infection diagnosed (please tick all that apply)?

- Evolving antibody response (eg STARHS/RITA testing algorithm)
- Positive PCR or P24 antigen preceding positive antibody test
- Symptomatic illness
- Negative antibody test preceding positive one
- Known recent exposure
- Other, please state:

Note: the following set of questions relates to indicator conditions which should prompt HIV testing according to the UK National Guidelines for HIV Testing 2008. Please answer as fully as possible based on your knowledge of any conditions the patient had before or at the time of testing HIV positive.

If you are *sure* that since January 2008 this patient has not been seen in any UK health care setting for any relevant condition, then please scroll down to the bottom of the page and click on "Next page" to continue the questionnaire. Otherwise please tick any listed condition that the patient has had, *and* enter any unlisted but HIV-related condition in the "Other" box at the bottom of this page before clicking "Next page".

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the following RESPIRATORY/TB conditions. Please INCLUDE any presenting conditions at the time the test was conducted, and please tick all conditions that apply:

- Tuberculosis (at any site)
- Pneumocystis
- Bacterial pneumonia
- Aspergillosis

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the following NEUROLOGICAL conditions. Please INCLUDE any presenting conditions at the time the test was conducted, and please tick all conditions that apply:

- Cerebral toxoplasmosis
- Primary cerebral lymphoma
- Cryptococcal meningitis
- Progressive multifocal leucoencephalopathy
- Aseptic meningitis/encephalitis
- Cerebral abscess
- Space occupying lesion of unknown cause
- Guillain–Barré syndrome
- Transverse myelitis
- Peripheral neuropathy
- Dementia
- Leucoencephalopathy

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the following DERMATOLOGICAL conditions. Please INCLUDE any presenting conditions at the time the test was conducted, and please tick all conditions that apply:

- Kaposi's sarcoma
- Severe or recalcitrant seborrhoeic dermatitis
- Severe or recalcitrant psoriasis
- Multidermatomal or recurrent herpes zoster

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the following GASTROENTERAL/HEPATIC conditions. Please INCLUDE any presenting conditions at the time the test was conducted, and please tick all conditions that apply:

- Persistent cryptosporidiosis
- Oral candidiasis
- Oral hairy leukoplakia
- Chronic diarrhoea of unknown cause
- Weight loss of unknown cause
- Salmonella, shigella or campylobacter
- Hepatitis B infection
- Hepatitis C infection

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the following NEOPLASTIC conditions. Please INCLUDE any presenting conditions at the time the test was conducted, and please tick all conditions that apply:

- Non-Hodgkin's lymphoma
- Anal cancer or anal intraepithelial dysplasia
- Lung cancer
- Seminoma
- Head and neck cancer
- Hodgkin's lymphoma
- Castleman's disease
- Kaposi's sarcoma

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the following GYNAECOLOGICAL conditions. Please INCLUDE any presenting conditions at the time the test was conducted, and please tick all conditions that apply:

- Cervical cancer
- Vaginal intraepithelial neoplasia
- Cervical intraepithelial neoplasia Grade 2 or above

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the following HAEMATOLOGICAL condition. Please INCLUDE any presenting condition at the time the test was conducted:

- Any unexplained blood dyscrasia including:
 - thrombocytopenia
 - neutropenia
 - lymphopenia

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the following OPHTHALMIC conditions. Please INCLUDE any presenting conditions at the time the test was conducted, and please tick all conditions that apply:

- Cytomegalovirus retinitis
- Infective retinal diseases including herpesviruses and toxoplasma
- Any unexplained retinopathy

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the following ENT conditions. Please INCLUDE any presenting conditions at the time the test was conducted, and please tick all conditions that apply:

- Lymphadenopathy of unknown cause
- Chronic parotitis
- Lymphoepithelial parotid cysts

Between January 2008 and testing HIV positive, was the patient seen in any UK health care setting for any of the OTHER following conditions. Please INCLUDE any presenting conditions at the time the test was conducted, and please tick all conditions that apply:

- Mononucleosis-like syndrome (including possible primary HIV infection)
- Pyrexia of unknown origin
- Any lymphadenopathy of unknown cause
- Any sexually transmitted infection
- Any AIDS-defining or clearly HIV-related condition not already listed, please describe:

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You have said that this patient had **[tuberculosis]** between January 2008 and testing HIV positive. Please select the *first* option that describes HIV testing in relation to the **[tuberculosis]**:

- This was a presenting condition which led to the patient being testing and found positive for HIV
- The patient was tested for HIV at the time of this condition, but was negative at that time (and subsequently seroconverted)
- The patient was offered an HIV test at the time of this condition but declined to be tested
- The patient was not offered an HIV test at the time of this condition
- It is not known whether the patient was offered an HIV test at the time of this condition

In what UK clinical setting(s) was the patient seen/managed for **[tuberculosis]** (please tick all that apply):

- Hospital outpatient department(s), please state specialt(ies):
- Hospital inpatient/day patient department(s), please state specialt(ies):
- General practice
- GUM or sexual health service
- Other, please state:
- Please tick this box if the patient was *not* seen in any UK clinical setting for this condition

Please give the month and year when the patient was *last* seen for **[tuberculosis]** in any UK clinical setting:

Month 2008 2009 2010 Date not known

The three questions above only asked if relevant and are repeated for each condition ticked on the previous page.

Other than in circumstances covered above, is the patient known to have had a negative HIV antibody test at any time before the first positive one?

- Yes, please give month and year of most recent negative test, if known:

Month
 Year

- No
- Not known

You have said that this patient's first reactive test was performed in **[A&E]**. If not already described above, what was the reason for attendance at **[A&E]**?

The above question is only asked if relevant and a similar question is asked if the patient was first tested in a hospital admissions/assessment unit.

Between January 2008 and the first positive HIV test, was the patient admitted to hospital at any time other than for conditions described above?

- Yes, please describe: No Not known

Between January 2008 and the first positive HIV test, is the patient known to have attended his/her GP other than for conditions described above?

- Yes, please describe: No Not known

Between January 2008 and the first positive HIV test, is the patient known to have attended a GUM clinic other than for conditions described above?

- Yes No Not known

In your opinion, was there a missed opportunity to test this patient for HIV at an earlier date than the actual first positive test?

- Yes No Not sure

If Yes, why was this? Please comment fully and if possible identify any earlier occasions when testing could have been performed, giving dates if known:

Please click on "Submit form". ***Your answers are not saved until you do so.***

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