



POLICY, PROCEDURE & GUIDELINES FOR POST EXPOSURE PROPHYLAXIS IN CUHG.

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Author (Lead): Dr Colm Kerr, Infectious	Owner: Dr A Jackson, Infectious	
Diseases SPR	Diseases Physician	
Approver (Lead): Dr M O'Connor	Approval Date: March 2017	

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Author: Dr C Kerr.	

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1 Policy Statement

The Health Service Executive-South (HSE South), Cork University Hospital Group is committed to a proactive approach in minimising the risk of infection among patients who present with possible non-occupational exposure, needle stick injury (NSI) and sexual exposure to Human Immunodeficiency Virus (HIV) and the Hepatitis B virus (HBV), as well as vigilance regarding the possible acquisition of the Hepatitis C virus (HCV).

2 Purpose

The purposes of this policy are to

- Outline the minimum management procedures for the immediate assessment, management and follow-up of exposure to blood borne viruses (BBVs) and sexually transmitted viruses such as HIV, HBV and HCV.
- Advise and inform patients of the steps to be taken following potential needle stick injury, non occupational and/or sexual exposure to HIV/HBV/HCV.
- Provide guidance on the best evidence based practice to doctors and nurses in the emergence department (ED) on the management of patients who might have exposure to HIV/HBV/HCV.

3 Scope

This policy applies to all patients within the HSE-South, Cork University Hospital Group.

4 Legislation/Related Policies

EMI tool kit (2012) Guidelines for the Emergency Management of Injuries (including needle-stick and sharps injuries, sexual exposure and human bites) where there is a risk of transmission of blood-borne viruses and other infectious diseases.

5 Glossary of Terms and Definitions

5.1 Exposure

An exposure is taken to have occurred when blood or body fluids are inoculated into a patient, through broken skin or is in direct contact with the mucous membranes of the eyes, nose or mouth, anus or vagina. Most exposures are caused by needle stick, splash, sharp instrument, bite injuries or sexual contact.

5.2 Non occupational exposure

For the purposes of this guideline, non occupational exposure is an exposure that occurs outside of the hospital workplace.

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5.3 Recipient

The individual patient who receives the exposure. In the case of a BBV exposure incident, the recipient is exposed to blood or bodily fluids of someone else.

5.4 Source

The source of the potentially infected material, e.g. the person on whom the sharp was used, the person who bites, or the source of the blood or bodily fluid.

5.5 Sexual exposure

A potential bodily fluid exposure during any sex act. Whilst unprotected receptive vaginal sex is less risky than unprotected receptive anal sex, inherently it carries a risk and PEP should be considered just as seriously as a needle stick injury. There are however some differences.

5.6 Mucocutaneous

Splash to the eye or mouth with source's blood or fluid.

5.7 Percutaneous

An exposure through the skin (e.g. a needle stick or cut with a sharp object) or contact of non-intact skin (e.g. exposed skin that is chapped, abraded or afflicted with dermatitis) with blood, tissue or other body fluids that are potentially infectious.

5.8 Post Exposure Prophylaxis (PEP)

The administration of a drug to prevent the development of an infection after the recipient has been exposed to the infection, e.g. HIV. PEP involves administration of antiretroviral drugs to HIV-negative persons who have been exposed to HIV in an effort to prevent establishment of infection. HBV PEP involves the administration of hepatitis B vaccine and/or hepatitis B specific immunoglobulin after exposure.

5.9 Post Exposure Prophylaxis Sexual Exposure (PEPSE)

PEPSE involves the administration of a drug to prevent the development of an infection after the recipient has been involved in a sexual exposure that may lead to infection such as HIV or HBV. It is similar to above.

5.10 Blood Borne Viruses (BBV)

Blood borne viruses considered in this policy are HBV, HCV and HIV.

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6 Roles and Responsibilities

6.1 Responsibility for complying with the policy

6.1.1 Emergency Department

<u>Nursing and medical staff</u> in the emergency department have a responsibility to identify and appropriately treat and refer to the Infectious Disease team patients who present to the ED with non-occupational exposure to the blood borne viruses mentioned above. Occupational exposure incidents should be reported to the department of Occupational Health.

6.1.2 Infectious Disease Department

<u>The staff of the infectious diseases department</u> has a responsibility to discuss potential treatment and referral of patients with ED staff and to follow up referrals in the infectious disease clinic to make a decision on whether further treatment or follow up is warranted.

7 Procedure

7.1 Introduction

These guidelines aim to standardise the approach, assessment and treatment of patients presenting for the first time post:

- Needle Stick Injury (NSI)
- > Non Occupational Exposure
- Sexual Exposure

To a source who may be infected with a "blood borne virus" such as Human Immunodeficiency Virus (HIV), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

The aim is to ensure that appropriate assessment has been made and timely treatment initiated where appropriate. The patient should then be referred on for appropriate follow up.

Additional consideration for e.g. Tetanus immunisation may be relevant. This is not covered in this document.

Attention should also be brought to the national publication from September 2012, The Emergency Management of Injuries, which is available at <u>http://www.hpsc.ie/hpsc/A-Z/EMIToolkit/EMIToolkit.pdf</u> This gives a very comprehensive overview of post-exposure prophylaxis. A major difference between these guidelines and the Emergency Management of Injuries Guidelines relates to the first choice of medication to be used for HIV PEP.

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7.2 Overview



7.3 Initial Management of patient presenting to CUH ED for PEP or PEPSE

If a patient presents to ED Triage for PEP Mon-Fri 9am-4.30pm, the ED NCHD could contact ID CNS (087 6996272) or ID SpR (via CUH switchboard).

This protocol should be used to assess the need for a HIV-PEP starter pack which should be dispensed and administered to patient if warranted. Follow-up with Infectious Diseases is extremely important if a starter pack is required and should be arranged as detailed below prior to the patient leaving the Department. Patients will be seen in the next ID clinic. For staff members following occupational injury, follow-up should be organised with Occupational Health.

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To arrange follow-up with ID prior to patient's discharge from ED:

- Call the phone of the ID Dept (021 4922795) and leave voice-mail with patient's name, MRN, and brief case details, stating that patient should be booked into next clinic.
- Send overview referral letter to ID secretary via FAX (021-4921343) or delivering the letter in person to the ID office (not to rely on internal post)
- Referral should be either a Narrative Letter or the PEP proforma in appendix 1 ONLY (NB, <u>NOT</u> the EMI toolkit proforma).
- Patients should be given the contact details of the ID CNS (087 6996272) as a direct contact person in the ID department and should be advised to call them during working hours for counselling issues or questions due to medications/side effects.
- > Print Patient Information Leaflet (Appendix 2) and provide to patient.
- Ensure that an up-to-date patient phone number is included in the referral.

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7.4 PEP Assessment for HIV PEP.



Abbreviations

BBV: Blood borne virus

- **COHP:** Country of high prevalence (of infection being discussed)
- **CSW:** Commercial sex worker
- **GP:** General practitioner/ primary care physician
- **IVDU:** Intravenous drug user
- OHD: Occupational Health Department

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- **MSM:** Man who has sex with men
- **PEP:** Post Exposure Prophylaxis
- **UPSI:** Unprotected sexual intercourse

7.5 Footnotes for HIV Risk Assessment

 Potentially infectious material: semen or vaginal secretions, blood, CSF, synovial, pleural, peritoneal, pericardial or amniotic fluids or tissue.

NOT saliva, urine or faeces, unless mixed with blood.

2) Exposure type:

Percutaneous

A more severe percutaneous exposure is associated with large bore, hollow needle, deep puncture, visible blood on device, or needle used in source patient's artery/vein.

Less severe percutaneous exposure. E.g. solid needle or superficial scratch.

Of note, outside the body HIV and Hep. C virus dry, die and become non-infectious within a few hours. Hep. B virus however can remain infectious for several days.

Significant mucous membrane or non intact skin exposure

- Minor exposure: e.g. few drops for duration of less than 1 minute.
- Major exposure: more than few drops/ major splash and /or duration of several minutes or more.
- Cutaneous exposure: is significant only if skin is compromised i.e. chapped, abrasion, open wound or dermatitis. Assess skin integrity.

Human bites

The risk of HIV or HCV transmission associated with saliva is exceptionally low and HIV PEP is only extremely rarely warranted, even if the source is known to be HIV positive. If there is known or suspected to be blood in the mouth of the biter at the time of the bite, then HIV PEP may be considered, if the biter has significant risks for HIV.

<u>Sexual exposure</u>

Whilst unprotected receptive vaginal sex is less risky than unprotected receptive anal sex, inherently it carries a risk and PEP should be considered just as seriously as a needle stick injury. There are however some differences.

<u>Sexual assault</u>

PEP should be strongly considered if there has been a significant exposure (within past 72 hours) to a potentially infectious material, i.e. the source should be considered high risk for blood borne virus. Patient should be encouraged to attend the Sexual Assault Treatment Unit in SIVUH [Monday – Friday, 0830-1630 hrs. contact

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Finola Tobin 4926297 or Bleep 789. Out of hours or week-ends contact Nursing Admin. 4926100].

3) Source unknown HIV status

In exposures involving a source person with either unknown HIV status or unknown identity, it is not possible to give reassurance that the risk of HIV seroconversion is zero. However it may be possible to estimate risk e.g. is the source from high risk group e.g. IVDU, MSM, CSW, COHP of HIV?

Or

Is the source from a high risk environment?

A needle stick injury involving a sharps bin on a geriatric ward not known to have any HIV patients is very unlikely to be a major HIV risk group, unless information to the contrary is available. Discussion of pros/ cons of PEP is important to explore. There are potentially serious life threatening drug related adverse reactions to PEP which may exceed the HIV seroconversion risk. Treatment should be tailored to patient.

4) Source is considered HIV negative

If there is a HIV negative result within the past 3 months PLUS no clinical indication of a seroconversion like illness PLUS no recent high risk behaviour.

5) The exposure

Should be outlined to the source (where known) and consent requested for blood to test for HIV, HBV and HCV.

6) Source is considered HIV positive

If they have a positive HIV result, or a physician has diagnosed HIV or the source self reports a diagnosis of HIV. A low or undetectable HIV viral load greatly diminishes the risk of transmission, but does not completely eliminate the risk.

7) Hepatitis B and C

Is much more infectious than HIV and there is a vaccine available. All attendees should be offered Hep B vaccination unless they have known immunity. Hep B IV IgG should ONLY be administered when the source is KNOWN to be Hepatitis B surface antigen positive. Administration can be delayed up to 7 days. See hepatitis B algorithm. There is no prophylaxis for Hepatitis C; follow up bloods should be performed by follow-up physician.

Window period: (advise patient to use condoms until outside the "window period")

• <u>If NO PEP taken</u> (e.g. arriving too late for PEP, or refusing PEP):

A negative HIV result at 6 weeks is very reassuring, but a HIV test should be performed 12 weeks after the incident, the result of which can be considered conclusive. The accepted window period for Hepatitis B, syphilis and Hepatitis C is also 12 weeks.

If PEP taken:

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The window period is extended if the patient takes PEP. A HIV test should be performed 12 weeks *after the end of PEP* and the results of this should be considered as conclusive. In these circumstances onward referral to a specialist is expected to have occurred.

7.6 Table 1:

Estimated Risk of HIV transmission per exposure (From source known to be HIV positive) From EMI guidelines Sep 2012

Table 1 Risk of HIV transmission following an exposure from a known HIV-positive individual

(Adapted from BASHH UK Guideline for use of HIV PEPSE 20114 – source references omitted from table)

Type of exposure	Estimated median (range) risk of HIV transmission per exposure (%)
Receptive anal intercourse	1.11 (0.042-3.0%)
Insertive anal intercourse	0.06 (0.06-0.065%)
Receptive vaginal intercourse	0.1 (0.004-0.32%)
Insertive vaginal intercourse	0.082 (0.011-0.38%)
Receptive oral sex (giving fellatio)	0.02 (0-0.04%)
Insertive oral sex (receiving fellatio)	0
Blood transfusion (one unit)	(90-100%)
Needlestick injury	0.3 (95% CI 0.2-0.5%)
Sharing injecting equipment	0.67
Mucous membrane exposure	0.63 (95% CI 0.018-3.47%)*
Human bite [†]	Very low risk. Case reports only

NB: All sexually related risk probabilities are for unprotected sexual exposure; it is assumed similar risks will exist where condom failure has occurred

*The (BASHH) writing committee has concern regarding the risk estimate following mucous membrane exposures, which is derived from a single study including only small numbers of health-care workers exposed to HIV following mucous membrane exposures. This is likely to significantly overestimate the risk

'Not contained in BASHH Guidelines table

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7.7 Table 2:

Estimated Risk of HIV transmission per exposure (From source of unknown HIV status) From EMI guidelines Sep 2012

Table 2 Estimated risk of HIV transmission by type of exposure where source HIV status is unknown

Type of exposure	Population group (% HIV prevalence)	Risk of HIV transmission - source HIV status unknown	Rounded off estimated risk per exposure (compared with risk if source known HIV+)
Receptive anal sex MSM*	MSM in Ireland (10%) ⁶	0.1x1.11%=0.111%	1/900 (1/90)
Insertive anal sex MSM*	MSM in Ireland (10%) ⁶	0.1x0.06%=0.006%	1/16,666 (1/1667)
Receptive oral sex MSM*	MSM in Ireland (10%) ⁶	0.1x0.02%=0.002%	1/50,000 (1/5000)
Receptive vaginal sex	Heterosexuals in Ireland (0.2%) ⁷	0.002x0.1%=0.0002%	1/500,000 (1/1000)
NSI [†] from unknown non high risk hospital pt	Heterosexuals in Ireland (0.2%) ⁷	0.002x0.3%=0.0006%	1/166,667 (1/333)
NSI [†] from community source	IDU [‡] in Ireland (5 to10%) ^{84§}	0.05x0.3%=0.015 to 0.1x0.3%=0.03%	1/6,667 to 1/3,333 (1/333)

*MSM=men who have sex with men

*NSI=needlestick injury *IDU=injecting drug user

³Personal communications: Dr Shay Keating, Drug Treatment Centre Board and Dr Jean Long, Alcohol and Drug Research Unit, Health Research Board.

It is generally recommended that HIV PEP is only offered when the estimated transmission risk is 1 In 1000 or greater, but all cases are considered on a case-by-case basis.⁴ PEP can be considered in those with a risk of between 1 in 1,000 and 1 in 10,000 only in very exceptional circumstances.

There are a number of factors which may further reduce the risk of transmission e.g. HIV viral load <50, old dry blood. Other factors which increase risk of transmission e.g. high HIV viral load, intercurrent STI. In the UK, there has been no documented HIV seroconversions in health care workers following occupational exposure since 1999.

7.8 Table 3:

PEP and PEPSE Recommendations by scenario From EMI Guidelines Sep 2012

	Source HIV status			
	HIV-positive		Unknown, from high	Unknown, from
	Viral load detectable	Viral load undetectable	prevalence group/ area*	low prevalence group/area
Receptive anal sex	Recommend	Recommend	Recommend	Not recommended
Insertive anal sex	Recommend	Not recommended	Consider [®]	Not recommended
Receptive vaginal sex	Recommend	Not recommended	Consider ¹	Not recommended
Insertive vaginal sex	Recommend	Not recommended	Consider [†]	Not recommended
Fellatio with ejaculation *	Consider	Not recommended	Not recommended	Not recommended
Fellatio without ejaculation*	Not recommended	Not recommended	Not recommended	Not recommended
Splash of semen into eye	Consider	Not recommended	Not recommended	Not recommended
Cunnilingus	Not recommended	Not recommended	Not recommended	Not recommended
Sharing of injecting equipment	Recommend	Not recommended	Consider	Not recommended
Human bite⁵	Consider" in very limited circumstances (see Bite algorithm, appendix 6)	Not recommended	Not recommended	Not recommended
Needlestick from a discarded needle in the community			Consider in very limited circumstances" (see Needlestick/Sharps algorithm, appendix 3)	Not recommended
Needlestick direct from source	Recommend	Not recommended	Consider	Not recommended
Blood splash to non-intact skin, eye or mouth	Consider	Not recommended	Not recommended	Not recommended

7.9 Guidelines for pretest counselling

- Testing for HIV, HBV and HCV is a routine part of management following potential exposure. Baseline bloods reflect the patient's pre-existing status. This is not a test for seroconversion related to this exposure.
- The attached Performa's identify risk factors for blood borne virus acquisition.
- Follow up bloods & care will be performed either with GP, OHD or local HIV clinic.

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- Advise patients they should contact their GP/OHD/ HIV clinic if they develop any symptoms of acute viral illness.
- All patients should be advised to use barrier contraception (male condoms) until all follow up blood results are available.

7.10 HIV PEP prescribing details

PFP

- Only start PEP for HIV prevention if the patient presents within **72hrs of the** exposure.
- Once prescribed the 1st dose should be taken as quickly as possible, i.e. take immediately in ED.
- These drugs are not available in community pharmacies and can only be dispensed by hospitals, so you must give the patient the medication (not a prescription).
- The treatment duration is 28 days, however a 7-day starter pack is provided until the patient is seen by Occupational Health or their local HIV clinic.
- GI side effects are uncommon; nausea may occur with *Truvada*. Severe side effects are uncommon, but include renal impairment, neutropenia and hepatotoxicity.
- Discuss with Emergency Medicine/Infectious Diseases Senior doctor if in doubt as to appropriate management.



Total 3 tablets per day

Truvada [Tenofovir + emtricitabine (FTC)] one blue tablet once daily + Raltegravir one light pink tablet twice daily



The starter pack contains enough meds for 7 days. The course of treatment is 28 days so the patient **must** attend Occupational Health or local HIV service for follow up and must not miss any medications.



For patients with a known HIV positive contact, their PEP prescription will be individually tailored based on the source patient's treatment and resistance profile. This must be discussed with a HIV specialist

7.11 HIV PEP follow-up

Hospital Occupational Exposure:

Follow up via local Occupational Health Department. Patient should not run out of medication.

Occupational Exposure but with no Occupational Health Department & PEP prescribed:

> Follow up via local HIV clinic. Patient should not run out of medication.

Non occupational exposure & PEP prescribed:

> Follow up via local HIV clinic. Patient should not run out of medication.

Patients with a moderate/ high risk exposure/source REGARDLESS whether PEP prescribed:

> Follow up in local HIV clinic.

Patients who are low risk/unsuitable for PEP:

➢ Follow up GP.

To arrange follow-up with ID prior to patient's discharge from ED:

- Call the phone of the ID Dept (021 4922795) and leave voice-mail with patient's name, MRN, and brief case details, stating that patient should be booked into next clinic.
- Send overview referral letter to ID secretary via FAX (021-4921343) or delivering the letter in person to the ID office (not to rely on internal post)
 - Referral should be either a Narrative Letter or the PEP proforma in appendix 1 ONLY (NB, <u>NOT</u> the EMI toolkit proforma).
- Patients should be given the contact details of the ID CNS (087 6996272) as a direct contact person in the ID department and should be advised to call them during working hours for counselling issues or questions due to medications/side effects.
- > Print Patient Information Leaflet (Appendix 2) and provide to patient.
- Ensure that an up-to-date patient phone number is included in the referral

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7.12 PEP for Hepatitis B virus



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- > **The vaccine is relatively safe, including in pregnancy** it is unnecessary if the patient has been adequately vaccinated.
- Hepatitis B Immunoglobulin (Hepatect) is produced from blood donors, and treated to inactivate virus present. There is a risk of contamination e.g. other unknown viruses, CJD etc.
- > Hepatitis B IgG should only be prescribed when the source is known to be HepB sAg positive.
 - The prevalence of Hepatitis B in Ireland is too low to warrant giving Hepatitis B IgG to patients where the source is unknown. The prevalence of Hepatitis B core Ab positivity in blood donors in Ireland is 0.51%, increasing to 6% in prisoner/ IVDU populations. However the prevalence of chronic active infection with Hepatitis BsAg positivity is substantially less.

7.13 Hepatitis B Virus prescribing details



Hepatitis Vaccine

Engerix B 1 mL IM (deltoid) or HB Vax II 1 mL IM (deltoid).

Will need 2 further injections to complete the course.

Hep. B Immunoglobulin (HBIG)

Hepatect CP (0.16-0.20mL/kg) Infuse IV at rate of 0.1mL/kg/hr for 10 minutes.

If well tolerated, gradually increase to a max of 1mL/kg/hr.

7.14 PEP for Hepatitis C Virus

PEP for hepatitis C virus is not available. Regular monitoring in follow up period could show seroconversion. In this case early referral to ID/hepatology is warranted for consideration of early treatment. The estimated risk of transmission in healthcare workers exposed to HCV-infected blood is 1-3%.

8 Implementation Plan

Staff of the CUH group will be notified of this revision of the policy by a broadcast email. It will replace the current policy and can be accessed for all healthcare workers through Q-Pulse. An abridged version can be found on the website <u>www.emed.ie</u>

9 Revision and Audit

Revision

This policy will be reviewed at two-year intervals or earlier if indicated

Audit

This policy will be monitored for compliance and effectiveness by the Infectious Diseases department in order to ensure compliance with the protocol and facilitating best practice.

10 References/Bibliography

1. Sonder GJ, *et al.* Prophylaxis and follow-up after possible exposure to HIV, hepatitis B virus, and hepatitis C virus outside hospital: evaluation of policy 2000-3. BMJ 2005;330:825-829

2. UK Guideline for the use of post exposure prophylaxis for HIV following sexual exposure. Int J STD& AIDS 2006 17:81-92

3. David Henderson. Managing Occupational Risks for Hepatitis C transmission in the Health Care Setting Clin Micro Rev July 2003: 546-568

4. Guidelines for the Emergency Management of Injuries (including needlesticks and sharps injuries, sexual exposure and human bites) where there is a risk of transmission of bloodborne viruses and other infectious diseases. HPSC publication. September 2012.

Available at: <u>http://www.hpsc.ie/hpsc/A-Z/EMIToolkit/EMIToolkit.pdf</u>Staff of the CUH group will be notified of this revision of the policy by a broadcast email. It will replace the current policy and can be accessed for all healthcare workers through Q-Pulse. An abridged version can be found o

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11 Appendices

11.1 Appendix 1: PEP Proforma

Affix p	oatient addressogr	aph here:	DATE of referral:	
			HANDWRITE patient phon number:	ie
Dear Dr Jackson PLEA Exposure type/de	/ Prof Horgan, ASE SEE THIS P escription:	ATIENT IN THE N	EXT ID CLINIC.	
Date and time of Hours since expo	exposure: sure:			
SIGNED:	Print na	me: C	Contact details:	
Status of SOURCE person (if known):	HIV status: Hep B status:	Known or perceived patient:	l risks/concerns relating to source	e
	Hep C status:	-		
PEP	HIV:			
management:	Hep B: Other:			
Checklist:	Ouldr.			
Baseline tests:	HIV, HepBsA	g, HepBcAb, Hep C A	Ab	
	FBC, U+E, LI	T]	
	Pregnancy tes	t if female	[
	Syphilis if ris	k involved is a sexual	exposure [
Tetanus policy for	ollowed]	
Hepatitis B vacci	ination (unless im	nune)	[
Has protocol for	hepatitis B and HI	V PEP been followed	? [
Advice given to	use condoms for th	ne window period	[
Called ID CNS (087 6996272) to le	eave voicemail	[
Emergency contraception if indicated				
Patient informed regarding clinic appointment within week				
Patient given pho	one number/contac	t details of ID special	ist nurse [
Check that patier	nt's phone number	is up-to-date		
Information leaf	et given to patient		[
	Relevant medica	al history and/or any o	other comments:	

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11.2 Appendix 2: Patient Information Leaflet

Introduction

This leaflet has been written to give you some basic information about Post Exposure Prophylaxis (PEP) for HIV.

What is HIV?

Human Immunodeficiency Virus (HIV) is a virus that attacks the immune system. Although it is a treatable infection, once infected you have the infection for life. It can be passed on by exposure to infected blood or other infected body fluids e.g. semen. We test for HIV by doing a blood test.

If I have been exposed to HIV, what is the chance that I will become infected with HIV?

This is very difficult to answer and depends on:

1) the type of exposure

2) the chance the source/person is HIV positive.

Overall the risk of infection is low, but certain exposures may carry a higher risk of infection. Even if you have had definite exposure to HIV, this does NOT mean that you will definitely get infected. e.g. the risk of HIV transmission following a needle stick injury from a known HIV positive person is approximated at about 3 infections per 1000 people exposed. PEP further reduces this risk.

What is Post Exposure Prophylaxis (PEP)?

PEP is the term we use for taking "anti- HIV" medication to reduce your chances of becoming infected with HIV. It is only useful in certain circumstances. It has been shown to prevent most (but not all) people becoming infected with HIV. The tablets work best if taken immediately after the exposure. There is no strong evidence for its use beyond 72 hours post exposure.

What does PEP treatment involve?

Your doctor will decide what "anti HIV" tablets you should take and will give you clear instructions on how to take them. You may be seen directly by a specialist who will explain this to you. Or you may be issued a "7 day starter pack" from the Emergency Department containing enough PEP until you are seen by a specialist. You should NOT run out of medication. Usually PEP is taken for a 28 day course and then stopped. During this time you will be seen for regular blood tests to check for side effects. Once you have finished your PEP you will get further appointments for follow up blood tests to check for HIV and other blood borne infections.

Part of the assessment and follow up care is to offer protection against Hepatitis B, and advice regarding Hepatitis C and general sexual health.

What happens if I am Pregnant?

You can still take PEP if you are pregnant, but you must tell the Doctor if you are pregnant or think you are pregnant.

What if I am taking other medication?

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	Author: Dr C Kerr.	

There is a possibility that other medication may affect or be affected by PEP. It is very important to tell the Doctor if you are taking other medication (including "over the counter" and "herbal" medicines). They will check if these are ok to take with PEP.

Side effects of PEP medication

>>	Side effects include: = Fatigue = Nausea/ vomiting = Diarrhoea = Feeling bloated	 Abdominal cramps Difficulty sleeping Abnormal liver blood tests Abnormal kidney blood tests Skin rash
Δ	Please note This is only a brief account of the side eff for further specific information	fects and refer to the medication package

If you suffer from any of these side effects you should tell the doctor who might be able to offer treatment to help.

What do I do if I miss a dose?

Take the missed dose immediately, and then take the next dose at the normal time. If you don't remember until the next dose is almost due don't take extra doses, just carry on as normal.

Who will look after me whilst I am taking PEP?

Once you have started taking PEP you will be seen either by your Occupational Health

Department or local HIV specialist. They will monitor you while you are taking PEP, arrange your blood tests, and offer support. The service, including medication, is free of charge.