

13th Annual Conference of the
National HIV Nurses Association (NHVNA)

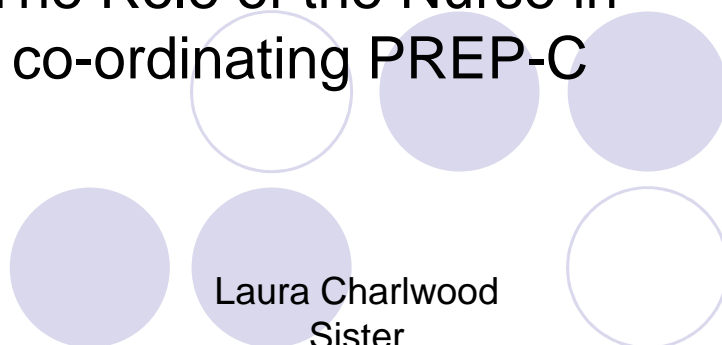


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Hospitals NHS Trust

16-17 June 2011, Arena and Convention Centre, Liverpool

The Role of the Nurse in co-ordinating PREP-C

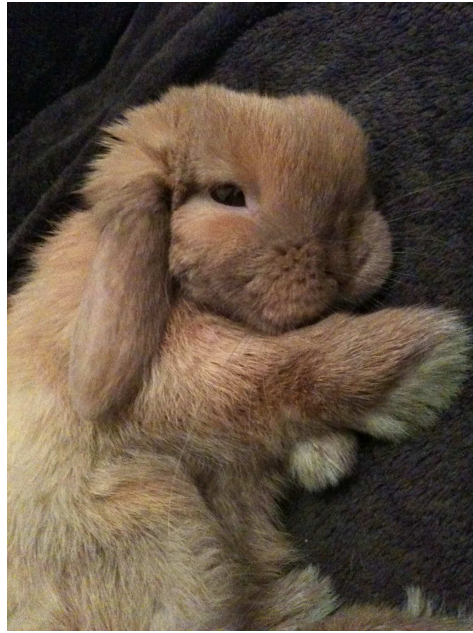


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Claude Nicol Centre
LEADING SEXUAL HEALTH CARE FOR BRIGHTON

Brighton and Sussex
University Hospitals 
NHS Trust


The Lawson Unit
LEADING HIV CARE FOR BRIGHTON



Background

- Reproductive possibilities were much restricted in the first years of the HIV pandemic
- American College of Obstetrics and Gynaecology recommended HIV-infected women **not** to become pregnant ¹
- HIV-positive individuals continued to seek pregnancy, assuming the risk of sexual and/or vertical transmission of HIV ²

Background

- In 2001 CDC revised their advice stating
 - “healthcare professionals should ‘provide information and give support to any reproductive option for HIV-positive patients’, particularly when HIV infection is under medical control”
- The growth in plans for pregnancy among HIV-infected individuals along the HAART era has been highlighted in many reports ¹⁻⁵
- In the UK, dedicated guidelines for
 - HIV in Pregnancy, 2005 ⁶
 - Sexual and Reproductive Health, 2008 ⁶

Swiss Statement

- “An HIV infected individual without an additional STD and on antiretroviral therapy with completely suppressed viraemia is sexually non-infectious i.e. he/she does not pass on HIV through sexual contact”

Pre exposure Prophylaxis for conception (PrEP-C)

- PrEP-C is the use of antiretroviral agents in HIV negative females having timed unprotected sex with their HIV positive male partners to conceive without HIV transmission

Couples may be

- HIV concordant – both partners are HIV positive, may or may not have the same virus
- HIV discordant
 - Female HIV positive, male HIV negative
 - Male HIV positive, female HIV negative

Preconception Service

- For several years we have run dedicated HIV preconception services (Brighton 2008)
- Multidisciplinary Team
 - HIV Consultant
 - Obs and Gynae Consultant
 - Women's Health Adviser
 - Nurse
- Highly individualised service

Patient pathway for PrEP-C



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Results

n = 3 couples

Male median age (range)	42 yrs (30-56)
Female median age (range)	34 yrs (28-43)
Median CD4	720 cells/mm ³
Baseline plasma HIV RNA	<40 c/ml
Baseline seminal HIV RNA	<40 c/ml
Median duration of ARVs (range)	12 yrs (5-14)
Male ethnicity	White UK male 3/3
Female ethnicity	White UK female 3/3
STIs	none
Male sub fertility	1/3 minor oligospermia
Female sub fertility	0/3

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Results



- Baby boy born in January 2010
- Mother remains HIV negative at 3 and 6 months
- Baby HIV negative

Acknowledgements

- Dr Yvonne Gilleece
- Gary Seaton
- Alan Phillips
- Tracey Buckingham
- Nicky Perry

