

Does the introduction of a dedicated postnatal contraception clinic improve reproductive choices for HIV positive women?

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Introduction

36 years following the first reported cases of AIDS, people are:

- Living with HIV
- Loving with HIV
- Having a Lifestyle with HIV

RARE CANGER SEEN IN 41 HOMOSEXUALS

Outbreak Occurs Among Men in New York and California —8 Died Inside 2 Years

By LAWRENCE K. ALTMAN.

Doctors in New York and California have diagnosed among homosexual men di cases of a rare and othen rapidly fetal form of cahoer. Eight of the victims died less than 24 months after the diagnosis was under

and there is as yet no evidence of conta gion. But the doctors who have made th The success of Prevention of Mother to Child Transmission (PMTCT)

Effective cART

Informed reproductive choices



■ 1 in 6 pregnancies in Britain is unplanned¹

Selected studies suggest 51-91% of pregnancies unplanned in HIV +ve females^{2,3}

Unplanned pregnancies are associated with poor maternal and neonatal health outcomes¹

^{1.} Wellings et al 2013. The prevalence of unplanned pregnancy and associated factors in Britain: findings from the third National survey of Sexual Attitudes and Lifestyles (Natsal-3). The Lancet Vol 382 November 2013 pp 1807-1816.

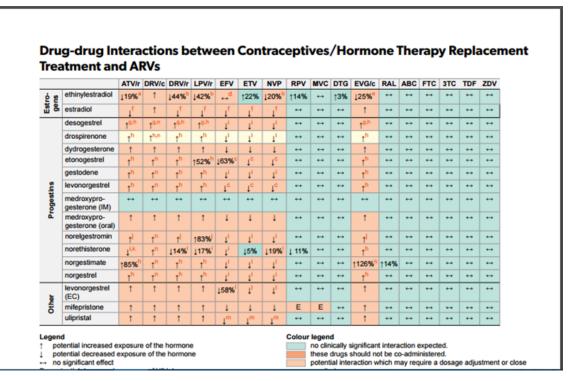
^{2.} Elgalib, A et al. Pregnancy in HIV-infected teenagers in London. HIV medicine 12 118-123.

^{3.} Kenny, J. et al 2012. Pregnancy outcomes in adolescents in the UK and Ireland growing up with HIV. HIV Medicine. 13 304-308

- The post natal period is an opportune time to implement an effective contraception method
- Specific considerations in post natal women living with HIV:

Avoidance of breast feeding may lead to early fertility

Potential interactions between certain antiretrovirals and contraceptive agents



Aims

To assess if the introduction of a dedicated postnatal clinic would increase the uptake in contraception

Objectives

To compare

- 1. The offer and uptake of contraception Secondary objectives:
- 2. The prevalence of unplanned pregnancies,
- 3. Time interval of subsequent pregnancies, following the establishment of a dedicated postnatal contraception clinic.

Intervention

Ante natal clinic

Future contraception discussion

Leaflet/ information provided for chosen method



Post natal Contraception Clinic

Post natal 6 week followup Mother attends for review

Babies 2nd blood test

Contraception offered +/- provided



Methods

- Population: Women attending for HIV antenatal care at the Caldecot Centre
- Design: Pre and post intervention study

Pre-intervention Sept 2009 – July 2012

- Structured proforma completed by case note review obtaining:
- Demographic characteristics
- HIV surrogate markers
- Planning of pregnancy
- Contraception discussion and uptake
- Time interval between subsequent pregnancy

Post-intervention
July 2013 – June 2015

- Structured proforma completed by case note review obtaining:
- Demographic characteristics
- HIV surrogate markers
- Planning of pregnancy
- Contraception discussion and uptake
- Time interval between subsequent pregnancy

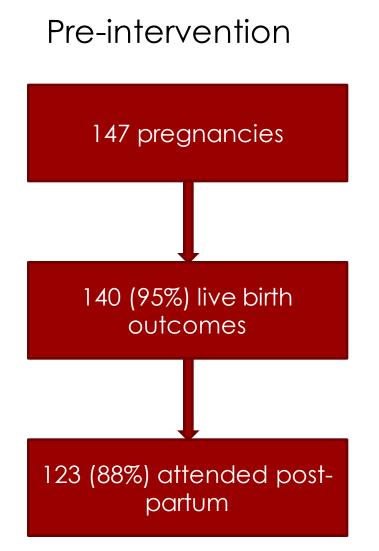
Results

Maternal characteristics		Pre-intervention 135 women (%)	Post- intervention 102 women (%)	p-value
Ethnicity	Black	116 (85.9)	90 (88.2)	0.6
	Other	19 (14.1)	12 (11.8)	0.6
Median age		33	34	
Mode of HIV acquisition	Heterosexual	132 (97.8)	98 (98)	0.9
	Vertical	1 (0.7)	1 (1)	0.8
	IVDU	2 (1.5)	1 (1)	0.7
Sero-status of partner	Negative	54 (40)	48 (47.1)	0.2
	Positive	38 (28.2)	25 (24.5)	0.5
	Unknown	43 (31.8)	29 (28.4)	0.6
Timing of diagnosis	Known HIV +ve in care	101 (74.8)	84 (84.3)	0.07
	HIV diagnosed this pregnancy	34 (25.2)	16 (15.7)	0.07
Previous history of TOP		29 (25)	34 (38)	0.03

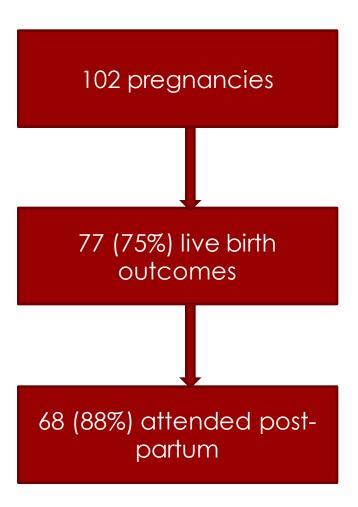
Results

Pregnancy characteristics		Pre-intervention 147 pregnancies	Post-intervention 102 pregnancies	p-value
Pregnancy Planning	Planned	76 (51.7)	47 (46.1)	0.4
	Unplanned	71 (48.3)	45 (44.1)	0.5
	Unknown	-	10 (9.8)	
Conception	Natural	135 (91.8)	95 (93.1)	0.7
	Self-insemination	10 (6.8)	4 (3.9)	0.3
	IVF	2 (1.4)	3 (3)	0.4

Outcome of the pregnancies – pre and post intervention



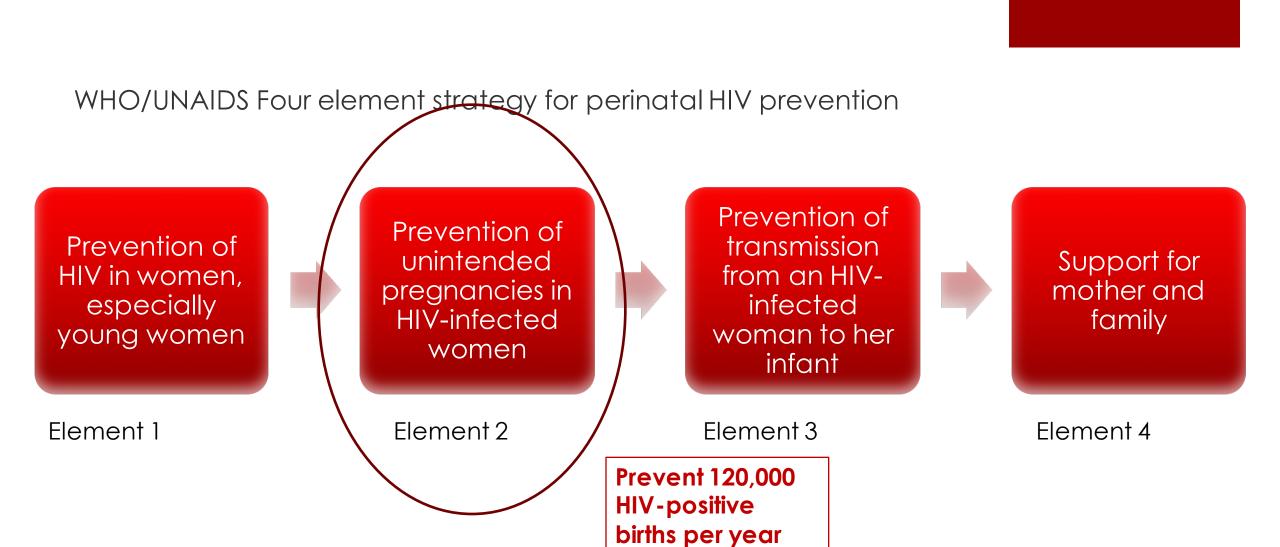
Post-intervention



Results

	Pre-intervention Sep 2009 – July 2012	Post-intervention July 2013 – June 2015	p-value
Contraception discussion (AN PN or both)	60/140 (41%)	58/77 (75%)	<0.0001
Attended 6 weeks postpartum	123/140 (88%)	68/77 (88%)	1.0
Uptake all contraception	44/123 (36%)	34/68 (50%)	0.06
Uptake LARC	21/123 (17%)	22/68 (32%)	0.02
Subsequent pregnancy	7/140 (6%)	3/77 (4%)	0.53

- Implementation of a 'Dedicated Post Natal Contraception Clinic' has led to a significant increase in uptake of all contraception methods.
- Uptake of LARC almost doubled
- This can potentially result in a significant decrease in unplanned pregnancies.



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