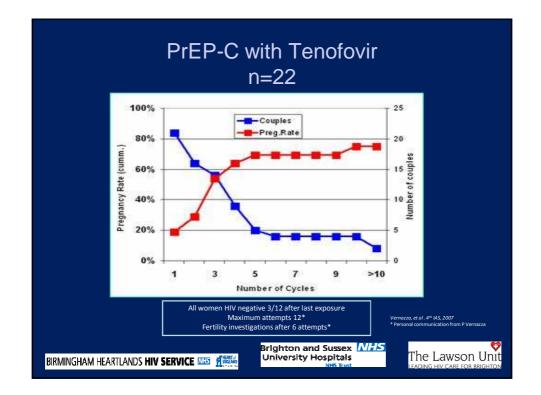
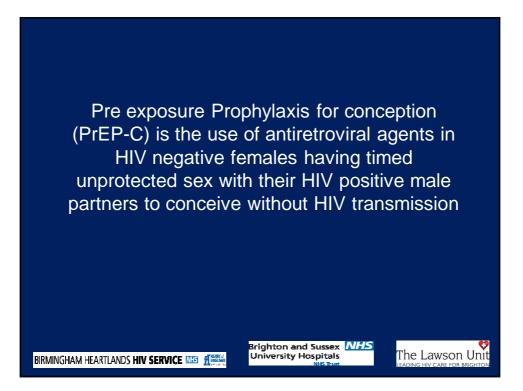
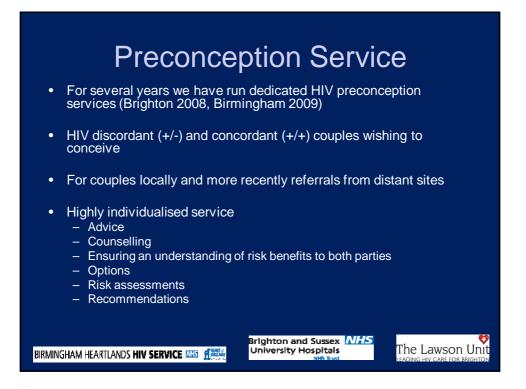


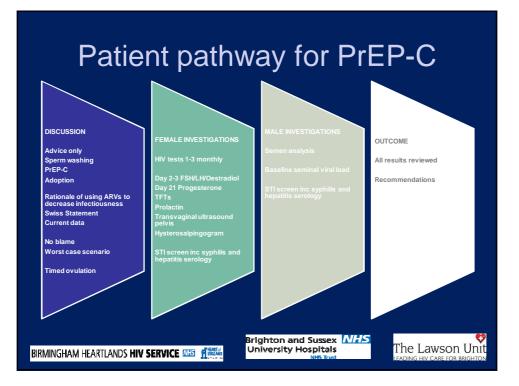
3







Frequency of Clinics	Weekly clinic with one hour reserved for conception service	Specialty clinic once per month
Specialist Staff	1 HIV specialist	1-2 HIV specialists
	1 Infertility specialist	1 Infertility specialist
	1 HIV/Sexual Health nurse	1 HIV/Sexual Health CNS
	1 HIV Health Advisor	1 Fertility CNS
		1 HIV Health Advisor
	Hospital Ethics Committee, BSUH	
Funding	As part of local HIV Service agreements	As part of local HIV Service agreements
	Assisted conception regulations apply	Assisted conception regulations apply
Specialised Protocols	Extensive with signed consent	Extensive with signed consent

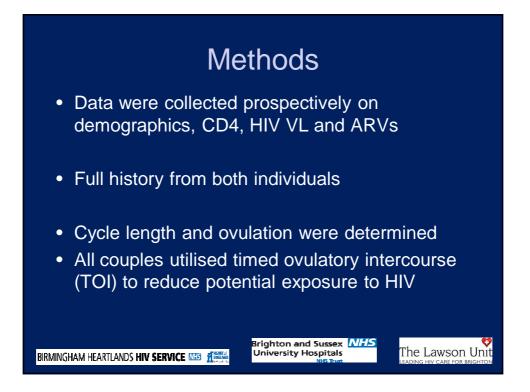


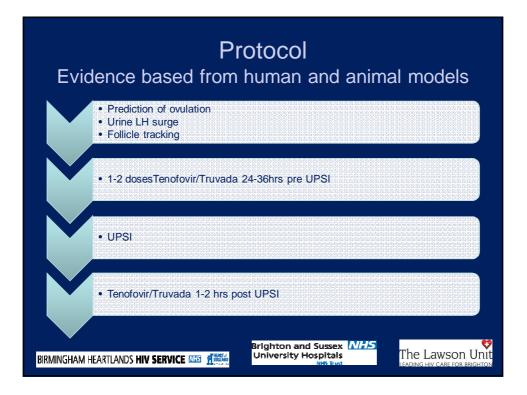
Why choose PrEP-C?

Reasons for	Reasons against
Ineligible for PCT funding	Co infection with Hepatitis
Unable to afford privately funded sperm washing	Detectable viral load in plasma or semen
Previous child	Sub fertility where natural conception cannot occur
More natural	High anxiety regarding HIV transmission
Less inconvenient	
Natural conception possible	
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Preconception service outcomes

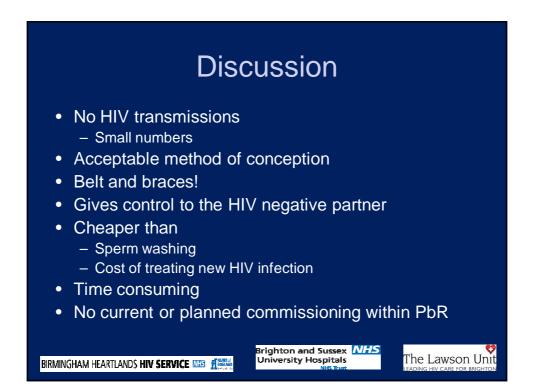
	Brighton & Sussex University Hospitals NHS Trust n=23	Birmingham Heartlands HIV Service n=19
Male+ve Female -ve	12	11
Male-ve, Female +ve	8	3
Male+ve, Female+ve	3	5
On ARVs	20	18
Female sub fertility	8	2
Male sub fertility	1	3
Advice only	2	1
Referral for sperm washing	4	0
Self Insemination	5	2
TOI with follicular tracking with ovarian stimulation	5 0 0	8 3 2
With PREP-C	3 (+ 2 waiting to start)	2
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Results		
n = 5	couples	
Male median age (range)	42 yrs (30-56)	
Female median age (range)	34 yrs (28-43)	
Median CD4	720 cells/mm3	
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 3/5 (60%)	
Female ethnicity	White UK female 3/5 (80%)	
STIs	none	
Male sub fertility	1/5 minor oligospermia	
Female sub fertility	0/5	
	Brighton and Sussex NHS University Hospitals NHS Trust	

Couples	n=5
Pregnancies	4
Live births	1
Ongoing pregnancy	1
Miscarriages	2 (6/40 and 10/40)
Number of attempts per pregnancy	3 (1-5)
Switch to sperm washing	1
PrEP-C discontinuations due to AEs	0
HIV transmissions	0



Conclusions

- This is the first UK data on successful PrEP-C
 - undertaken in 2 dedicated HIV preconception clinics
 - demonstrates PrEP-C to be a safe and effective method of reducing risk in HIV discordant couples
- Demand for its use is likely to increase
- There remains no published data
- Current PrEP trials will not address PrEP-C issues
- PrEP-C should be undertaken in collaboration with experienced centres
- Prospective collection of data essential to assess safety and efficacy on larger scale

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- Patients and staff at Birmingham Heartlands HIV Service



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