



Pregnancy outcomes in women growing up with HIV acquired perinatally or in early childhood

***Williams B^{1,2}, Kenny J^{1,2}, Tookey P^{1,3} Foster C^{1,2} on behalf of HYPNet.
¹ HYPNet, ²Imperial College Healthcare NHS Trust, ³MRC Centre of
Epidemiology for Child Health, UCL Institute of Child Health***

Outline



- Very little published data on fertility & pregnancy outcomes in this population in the UK.
- Questionnaire sent to 19 participating centres networked to HYPNet in the UK and Ireland.
- Retrospective case notes review of young women reporting pregnancy, aged >12 yrs.

Results



- 36 pregnancies reported in 27/172 (16%) women.
- 70% Black African, 56% previous AIDS diagnosis
- Median age at first pregnancy 18 yrs (range 14-29).
- 75% pregnancies unplanned.
- 86% involved RMPs; 61% women disclosed status
- Pregnancy outcomes: Miscarriage 14%, TOP 25%, live births 50%, ongoing 11%.
- Of 18 live births; 80% poor maternal adherence, 2 DOT.
- At delivery; 16/18 mothers on HAART, median CD4 252 cells/ul (range 54-437), 44% VL <50 copies/ml.
- 6/18 infants delivered prematurely: 5 NICU.
- Initial HIV PCRs were negative for all infants.
- 18 (67%) women social service support. 5/18 (28%) infants fostered.

Conclusion



- High rates of unplanned pregnancy in Young women growing up with HIV despite access to sexual health education.
- Treatment adherence and virological control was sub-optimal.
- One-third of infants in this cohort were born prematurely.
- Two-thirds of these young mothers have complex social needs with one quarter of their offspring requiring foster care.
- Reassuringly all infants are HIV uninfected to date.

Acknowledgements



Many thanks to the following who contributed to this audit including:

Katia Prime (St George's NHS Trust),

Jo Dodge (ICH),

Djamel Hamadache, Paula Seery, Amelia Hughes (Chelsea and Westminster),

Michael Eisenhut, Mo Kawser, (Luton and Dunstable), Marthe Le Prevost,

Amanda Williams (NWLH NHS Trust), Tricia Gardiner, Jennifer Evans (Cardiff

and Vale), Laura Byrne, Sue Liebeschuetz (Newham), Sheel Patel, (St George's

NHS Trust), Michelle Goode, Karina Butler, Marion Brennan, (Dublin), Orla

McQuilan, Margaret Kingston, Toni Tan, (Manchester) Karyn Moshal, Margaret

Clapson (GOSH), Julia Clark (Newcastle), Sally Scott, Steve Welch

(Birmingham), Paddy McMaster (North Staffordshire), Sally Hawkins, Colin Ball,

Melinda Tennant-Flowers (Kings College Hospital), Essie Menson (Evelina

Children's), Andrew Riordan (Liverpool), James Gould, Heather Wankowska

(Ipswich), Debbie Levitt, Sabine Kinloch (Royal Free).