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Disclosure

Grants/consultancies from Gilead and Viiv
Post transition outcomes in young adults living with HIV: (90):99:80

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Background: Global

- 1.8 million adolescents (10-19 years) live with HIV
- Only age group were HIV mortality continues to rise¹
- Outcomes poorer at all stages of the care cascade²

¹Slogrove JJAS 2017, ²Enane Curr Op HIV AIDS 2018
Viral suppression among adolescents and young adults (15-24 years) in 8 countries

Blue bars show viral suppression among adolescents and young adults (2012-2017 data) while red lines show viral suppression among all PLHIV. UNAIDS 90-90-90 target for 2020 is 73% viral suppression. Data unavailable for Cameroon and Ethiopia.
Background: UK

- 2016 PHE: London hits 90:90:90 targets
  ART: 98% age 50+, 89% age 15-24, lowest in PaHIV
Note: Data are for all children and young people alive who ever presented to medical services in the UK/Ireland, including children who have since transferred to adult care; those who subsequently died or were lost to follow-up are excluded from the year of death or loss to follow-up. All paediatric patients included, regardless of mode of acquisition (94% perinatal). CHIPS includes all diagnosed HIV-infected children known to be living in the UK/Ireland, of whom ~50% were born abroad. Data for 2016 are incomplete as subject to reporting delay.
Methods

• Retrospective database and electronic record review
• Perinatal HIV
• January 2006 - September 2017
• Assessing retention, mortality, morbidity, ART and VL suppression
ADULT MDT SERVICE 2006-18

+ POSITIVELY UK

2006
PaHIV age 16-25 years

2010
Peer support funded

2016
Life long PaHIV follow up

Adult: Dr, CNS, Psychology, Dietician, Pharmacist
Peer support worker
Adolescent: Dr

95% live with perinatally acquired HIV
Retention in care: n=182
Current cohort

- median age 22.9 years (range 18.1-33.6)
- 56% female
- 85% Black African

99.4% (157/158) received ART
80.4% (127/158) latest VL <200 c/ml
- median CD4 count 626 cells/ul (IQR 441-820)

[Naomi Lin P151 – predictors of viral suppression]
ART Regimen (%)

Yara Abo [P149]
Clare Peterson [O20]
HIV-1 associated resistance mutations (%)
Results: HIV morbidity

- 11% (18/158) have CD4 < 200 cells/ul
- 9% (14/158) 1+ new AIDS diagnoses in adult care: HIV wasting (4), recurrent sepsis (4), lymphoma (3), MAI (3), Cryptococcus (2), PCP (2), MDR TB (1),

Srishti Chhabra [P148] malignancy risk in 10-24 year olds

- 6 gastrostomies - Natalie Kirkhope [P157]
  5.4 yrs post PEG median CD4 50 to 940 cells/ul

- 6 surgery for lipodystrophy
Mental Health and Disability (%)

- Depression/anxiety: T Pasvol [P285]
Conclusion

90+% Diagnosed

4% LTFU/death

99% ART

11% CD4 <200

80% VL <200

Of those registered 74% retained in care on suppressive ART
"The 4th 90 QoL" STIGMA SURVEY UK – Youth are doing better than their parents [Irina Lut P127, P299]
THE PATIENTS AND STAFF OF THE 900 CLINIC
Sarah Fidler, Sarah Ayers, Susan McDonald, Graham Frize, Tanya Okito, Ojali Njegu, Nina Lenton, Nicki Mackie, Linda Greene

Imperial College Healthcare
NHS Trust

Imperial College London

The Family HIV Service

CHIPS
Innovative HIV Paediatric Study

POSITIVELY UK

Jeffreiss Wing
PADDINGTON

ADVICE
HIV CARE
HIV TESTS
CONDOMS
TREATMENT
EMERGENCY CONTRACEPTION
CHECK UPS