

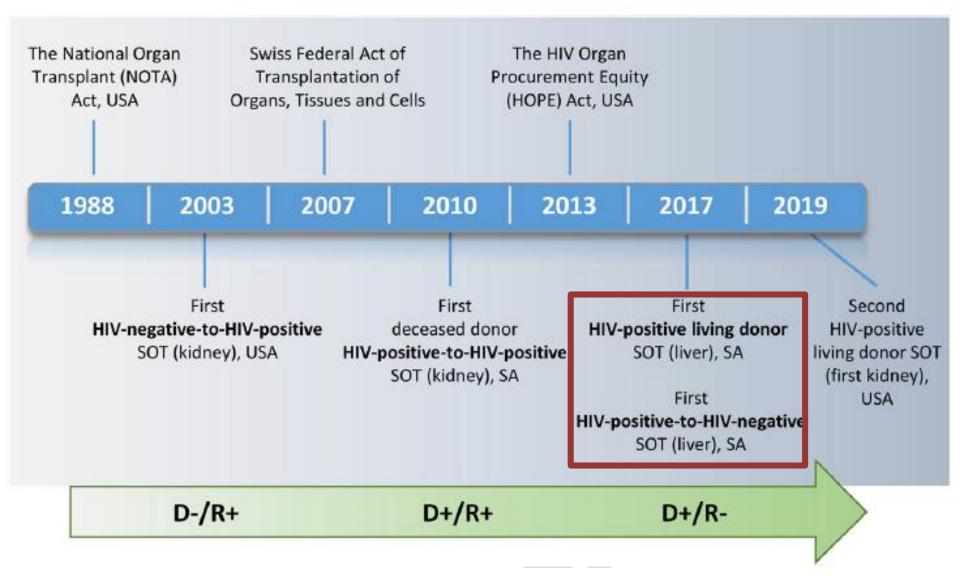
Ethics of HIV+ to HIV- liver transplantation vs HIV+ to HIV- renal transplantation—where are we?

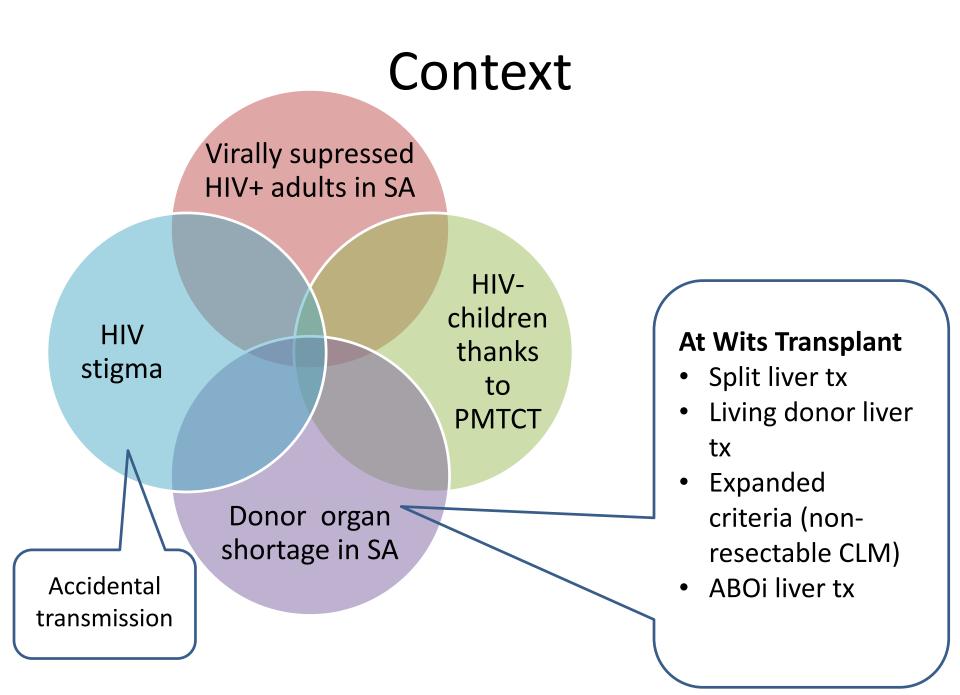
Dr Harriet Etheredge





Where we've been







Precedent

• SA – No legislation. NHA – Informed consent.

- International HOPE Act
 - IRB-approved research protocol
 - Considerations of autonomy
 - Independent donor advocates
 - HIV+ living donor inclusion criteria
 - HIV- recipient selection criteria 🗙

IRB Approval

 Dying of liver failure vs Living HIV positive – controlled transmission

Principles of justice and equal access

- Capacity to care for HIV+ transplant recipient
- Uncertainties about the future
- Parents autonomy & child's best interests
- Information giving and informed consent
- Unproven treatments Declaration of Helsinki S37

HIV+ to HIV- LDLT to date

- 3 patients
- 1 survives BA, private pt, HIV-antibody response from 47 days post-tx, waned to undetectable
- 2 deaths (SAE's)
 - BA, Influenza A, 4m post-tx, private pt (GEMS) HIVantibody response 2 weeks post-tx. Disclosure?
 - Acute HAV, ARDS, 8d post-tx, state pt Antibody testing not performed
- We thought infection was inevitable. NICD No HIVvirus has ever been detected at ant time-point, in any of the patients, by any available testing method (VL, PCR, PMBC's, HIV reservoir testing in tissue, nested PCR's).

Going forward

- Selection, socio-economic status, access to post-tx care in national programme
- Disclosure

• ALF'S

- Uncertainty re HIV status
- Disclosure to the child?
- Analytic Treatment Interruption
- Vaccines?

Main ethical principles

- Autonomy of donors, of recipients
- Justice access, follow-up
- Best interests of child recipients



Into the kidney – and further afield

 HIV+ living donors -> Long term considerations? Dialysis?

 HIV– Recipients -> Transmission risk? Resources?

 HIV+ deceased donors -> More extensive utilisation?

Where are we?

It's not about "Should we do this?" It's about how we do it.

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