Retention in care

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Science and community in the response to HIV in Latin America and the Caribbean
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When to start antiretroviral therapy

- **Advanced clinical stages**
  - < 200

- **Early clinical stages**
  - > 500

- **Any viral load**
  - 200

- **High viral load**
  - 350

CD4

Schechter, 2004 (JID 2004;190:1043-1045)
Expectativa de vida aos 35 anos
Reino Unido

- N = 21,388, que iniciaram TARV entre 2000-2010 (não-IVDU)
- 83% com CD4 <350 ao começo de TARV

May, AIDS 2014
Retention in care
Across the globe

Retention in care in 41 countries

WHO clinical stage

gender

age at start of ART

CD4 count

WHO-leDEA collaboration, 2015
Undetectable Viral Load: Once there, one has to stay there

Virologic failures, UK, 2000-2013 (N = 17,012)

Time on ART (years)

O’connor J, 2013
Origin of new transmissions in the USA

61% from those diagnosed but not retained in care
30% from undiagnosed

Skarbinski, J. et al., JAMA, 2/23/15
Retention in care and adherence to treatment:

What needs to be done?
What are the priorities?