559 initiated ART
- 69% female
- Median age 38 (33-44) yrs
- 51% had baseline CD4 count <100 cells/ µl
- 74% initiated D4T+3TC+NVP & 26% initiated ZDV+3TC+EFV

252 has sustained viral suppression up to 4 years

25 died (15-HIV/AIDS-related deaths, 6 –other medical illnesses, 4 cause of death cannot be determined)
- 7 transferred out to other ART centers
- 5 lost to follow up
- 4 withdrew consent to participate in the research cohort
- 0 patients with a reported opportunistic infection (s) 6 months prior to the study

211 patients were eligible for current study

52 in the lowest quartile of CD4 reconstitution
- Median CD4 increase 129 (Range -43-199) cells/µl
- 39 cases ‘Suboptimal’
  - 2 did not consent
  - 6 not available
  - 5 PBMC not collected

104 in the 2nd & 3rd quartiles of CD4 increase
- Median CD4 increase 282 (Range 200-415) cells/µl
- This group was not included in the T-cell function assays

52 in the highest quartiles of CD4 increase
- Median CD4 increase 528 (Range 417-878) cells/µl
- 48 ‘Optimal’ responders
  - 2 did not consent
  - 3 PBMC not collected