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
34 cases
‘Suboptimal’ responders systematically selected

104 in the 2nd & 3rd quartiles of CD4 increase
Median CD4 increase 282 (Range 200-415) cells/µl
64 ‘Optimal’ responders systematically selected

52 in the highest quartiles of CD4 increase
Median CD4 increase 528 (Range 416-878) cells/µl
30 ‘Super-optimal’ responders systematically Selected