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Appendix B: Changes to engagement in care flowcharts recommended by the CHIPS Steering Committee

Table s1: Changes to engagement in care flowcharts recommended by the CHIPS Steering Committee

Flowchart	Changes
Flowchart 1: Off ART	<p>More detail about CD4 cell count needed to classify follow-up time:</p> <ul style="list-style-type: none"> • Changes < 50 cells/μL need immediate follow-up if CD4 cell count \leq350 cells/μL (next visit in 1 month) • More leniency if first drop CD4 cell count \geq50 cells/μL in higher CD4 categories (>350 cells/μL) (next visit in 3 months) • More concerned about a second consecutive CD4 cell count drop \geq50 cells/μL even with CD4>350 cells/μL (next visit in 2 months)
Flowchart 2: On ART, viral load >50c/mL	<p>More detail required about size of increase and decrease of VL:</p> <ul style="list-style-type: none"> • Participants on a PI for >6 months with a larger increase in VL (not defined in meeting but subsequently defined as per Guidelines for the use of antiretroviral agents in HIV--1 infected adults and adolescents. 2016 (284) as >0.5 log) need to have a clinic appointment sooner (next visit in 1 month) • Participant on cART for 1-6 months, not on a PI with a larger decrease in viral load (defined as above as a drop of >0.5 log (next visit in 2 months) • If increase/decrease of \leq0.5 log or no decrease in viral load make appointment sooner (next visit in 1 month) <p>More detail about CD4 cell count needed to classify follow-up time. Participant on ART for on PI, previous VL>50c/mL\geq, CD4 cell count 351-500,:</p> <ul style="list-style-type: none"> • More leniency if first drop \geq50 cells/μL in higher CD4 categories (>350 cells/μL) (next visit in 3 months) • More concerned about a second consecutive CD4 cell count drop \geq50 cells/μL even with CD4>350 cells/μL (next visit in 2 months)
Flowchart 3:On ART viral load \leq 50c/mL	<p>Add detail that if weight \geq40kg OR on adult doses.</p>