

Supplementary file 1: Data collection procedures

Evaluation aspect	Data collection procedures
Acceptability and cultural appropriateness of proposed PM+ intervention strategies or components, and accompanying activities	<ul style="list-style-type: none"> • Workshop with stakeholders • Key informant interviews with HIV care providers • Focus group discussions with potential end-users • Exit interviews with intervention recipients
Use of mobile phones to deliver the adapted PM+: Contextual appropriateness and acceptability by end-users	<ul style="list-style-type: none"> • Workshop with stakeholders • Key informant interviews with HIV care providers • Focus group discussions with potential end-users • Exit interviews with intervention recipients
Use of trained lay helpers: Contextual appropriateness and acceptability by end-users	<ul style="list-style-type: none"> • Workshop with stakeholders • Key informant interviews with HIV care providers • Focus group discussions with potential end-users • Exit interviews with intervention recipients
Overall acceptability of adapted PM+	<ul style="list-style-type: none"> • Workshop with stakeholders (anonymous mentimeter.com) • Intervention exit checklist (anonymous)
Delivering 10 weekly intervention sessions of the adapted PM+: Contextual appropriateness and feasibility	<ul style="list-style-type: none"> • Workshop with stakeholders • Key informant interviews with HIV care providers • Focus group discussions with potential end-users • Exit interviews with intervention recipients • Tracking of indicators during PM+ implementation (sessions completed)
Delivering the adapted PM+ for ~45 minutes per session: Contextual appropriateness and feasibility	<ul style="list-style-type: none"> • Workshop with stakeholders • Key informant interviews with HIV care providers • Focus group discussions with potential end-users • Exit interviews with intervention recipients • Tracking of indicators during PM+ implementation (session duration)
Feasibility of recruiting and retaining participants	<ul style="list-style-type: none"> • Tracking of indicators during PM+ implementation (recruitment, retention, and dropout rate)
Feasibility of the adapted PM+ in addressing CMDs	<ul style="list-style-type: none"> • Tracking of indicators during PM+ implementation (trends in outcome scores at different time points)