ACCELERATE ADOLESCENT GOALS

NO ABUSE +51%

GOOD MENTAL HEALTH +33%

NO COMMUNITY VIOLENCE +20%

3.4 MENTAL HEALTH

NO VIOLENCE PERPETRATION +34%

16.1 VIOLENCE

HIV CARE RETENTION +22%

5.6 CHILDREN/TEENAGER

NO HIGH-RISK SEX +19%

16.1 VIOLENCE

SCHOOL PROGRESSION +34%

3.8 HIV CARE
Undetectable VL/self-reported adherence  

OR 1.45, 95% CI 1.02; 2.07, p<0.05

Independent of age, gender, perinatal/horizontal infection, rural/urban location, formal/informal home, orphanhood, general health status, and poverty

Haghighat, R, Cluver, L, Bungane, N, Toska, E (2018) JIAS

Shenderovich, Rudgard, Toska, Zhou, 2019
44%
35%
11% HIV-positive child
25% Defaulting ART
15% Knowledge of safe conception
16% No ART during pregnancy/breastfeeding
48% Detectable VL

Toska, Wittesaele, Langwena, Sherr 2019
STACKING THE ODDS FOR RETENTION IN CARE

- Stocked with medication OR 3.0*** CI 1.6-5.5
- Time for teens by staff OR 2.7*** CI 1.8-4.2
- Accompanied to clinic OR 2.4*** CI 1.6-3.7
- Cash for transport to clinic OR 1.4* CI 1.1-2.0
- Kind Staff at Clinic OR 2.5*** CI 1.8-3.6

70%
VIOLENCE = NON ADHERENCE

% non-adherent

violence exposure

Cluver, Meinck, Toska, Orkin, Hodes, Sherr (2018) AIDS
CASH + CLINIC + CARE = ADHERENCE

<table>
<thead>
<tr>
<th>None</th>
<th>Support group</th>
<th>Food</th>
<th>Parenting</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>46%</td>
<td>59%</td>
<td>60%</td>
<td>61%</td>
<td>82%</td>
</tr>
</tbody>
</table>

Cluver, Toska, Orkin, Meinck, Hodes, Yakubovich, Sherr (2016) AIDS Care
CASH + CLASSROOM + CARE = PREVENTION

Toska, Campeau, Cluver, Orkin, Berezin, Sherr, Laurenzi, Bachman (2019) AIDS Behav
ACCELERATORS

% IMPROVEMENT ON INCIDENCE RATES OF SDG TARGETS

N=1000 HIV+ adolescents. Marginal effects of logistic regressions controlling for baseline SDG outcome, other potential accelerators, nine sociodemographic covariates

Parenting support
Parenting support
Economic support
Parenting support
Economic support
Kind clinics
Parenting support  treatment
Economic support
Kind clinics
Parenting support
treatment
Economic support
prevention
Kind clinics
Kind clinics

SDG goals

Economic support

Parenting support

Prevention
treatment
ACCELERATE ADOLESCENT GOALS

- NO ABUSE: +51%
- GOOD MENTAL HEALTH: +33%
- NO COMMUNITY VIOLENCE: +20%
- NO VIOLENCE PERPETRATION: +34%
- NO HIGH-RISK SEX: +19%
- HIV CARE RETENTION: +22%
- SCHOOL PROGRESSION: +34%