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Assessing the incremental effects of combining economic and health interventions: the IMAGE study in South Africa

Julia Kim,1 Giulia Ferrari,2 Tanya Abramsky,3 Charlotte Watts,4 James Hargreaves,4 Linda Morison,5 Godfrey Phetla,6 John Porter,7 & Paul Pronyk8

Objective To explore whether adding a gender and HIV training programme to microfinance initiatives can lead to health and social benefits beyond those achieved by microfinance alone.

Methods Cross-sectional data were derived from three randomly selected matched clusters in rural South Africa: (i) four villages with 2-year exposure to the Intervention with Microfinance for AIDS and Gender Equity (IMAGE), a combined microfinance–health training intervention; (ii) four villages with 2-year exposure to microfinance services alone; and (iii) four control villages not targeted by any intervention. Adjusted risk ratios (aRRs) employing village-level summaries compared associations between groups in relation to indicators of economic well-being, empowerment, intimate partner violence (IPV) and HIV risk behaviour. The magnitude and consistency of aRRs allowed for an estimate of incremental effects.

Findings A total of 1409 participants were enrolled, all female, with a median age of 45. After 2 years, both the microfinance-only group and the IMAGE group showed economic improvements relative to the control group. However, only the IMAGE group demonstrated consistent associations across all domains with regard to women’s empowerment, intimate partner violence and HIV risk behaviour. Conclusion The addition of a training component to group-based microfinance programmes may be critical for achieving broader health benefits. Donor agencies should encourage intersectoral partnerships that can foster synergy and broaden the health and social effects of economic interventions such as microfinance.

Introduction

The United Nations Millennium Development Goals have articulated a global agenda that explicitly recognizes the importance of addressing the intersections between poverty, gender inequalities and health.1 Microfinance programmes expand access to credit and savings services. Globally they reach over 100 million poor clients, most of them women.2 In addition to the economic benefits of microfinance, there is some evidence to suggest that it may be an effective vehicle for empowering women. Acquiring new business skills may enhance their self-esteem, self-confidence, conflict-resolution ability and household decision-making power and expand their social networks.3–5 Reductions in child mortality and improvements in nutrition, immunization coverage and contraceptive use have also been demonstrated,6–8 which has sparked interest in the potential of microfinance to bring about improvements in connection with other health-related issues, such as HIV/AIDS and gender-based violence.9–12

Both HIV/AIDS and intimate partner violence (IPV) are major public health challenges in sub-Saharan Africa. In South Africa alone, 29.1% of women visiting public antenatal clinics in 2006 were HIV-positive,13 and national prevalence surveys suggest that women and girls make up 55% of the HIV-infected population.14 In addition, 1 in 4 South African women reports having experienced IPV,15 which has been identified as an independent risk factor for HIV infection.16

We conducted the Intervention with Microfinance for AIDS and Gender Equity (IMAGE) study, a cluster randomized trial, to evaluate the effect of a combined microfinance and training intervention on poverty, gender inequalities, IPV and HIV/AIDS. Carried out in rural South Africa, IMAGE combined group-based microfinance with a 12-month gender and HIV training curriculum. Women received the training at loan meetings held every two weeks. After 2 years, IMAGE participants showed improvements in economic well-being and multiple dimensions of empowerment.17 Furthermore, levels of physical and sexual IPV were 55% lower among IMAGE participants compared with controls,18 and young programme participants reported higher levels of HIV-related communication and HIV testing and greater condom use with non-spousal partners.19

These findings highlight the potential synergy that can be generated by integrating targeted public health interventions into development initiatives such as microfinance.

1 Bureau for Development Policy, United Nations Development Programme, New York, NY, United States of America (USA).
3 Gender Violence and Health Centre, London School of Hygiene and Tropical Medicine, London, England.
4 Infectious Disease Epidemiology Unit, London School of Hygiene and Tropical Medicine, London, England.
5 Department of Psychology, University of Essex, Essex, England.
6 International Labour Organization, Geneva, Switzerland.
7 Clinical Research Unit, London School of Hygiene and Tropical Medicine, London, England.
8 The Earth Institute, Columbia University, 535 West 116th Street, New York, NY 10027, USA.

Correspondence to Julia Kim (e-mail: julia.kim@undp.org).

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By addressing the immediate economic priorities of participants, IMAGE was able to gain access to a particularly vulnerable target group and to maintain sustained contact for over 1 year—a critical opportunity rarely afforded to stand-alone health interventions.

Because the IMAGE study tested a combined microfinance–training model, the findings raise additional policy- and programme-related questions. For example, how much of the observed effect is attributable to the microfinance component of the intervention and how much to the training programme? In a donor climate where microfinance institutions are under growing pressure to recover their operational costs and achieve financial sustainability, what added value does health training contribute? Is it possible that the provision of microfinance services alone would produce a similar range of economic, social, and health benefits?

To address these questions, we analysed data from villages participating in IMAGE, matched villages receiving microfinance alone and a control group. Our analysis compared indicators of economic well-being, empowerment, IPV and HIV-risk behaviour in these three groups after similar duration of exposure.

Methods

The study was conducted between June 2001 and March 2005 in rural Limpopo province, an area where, despite South Africa’s status as a middle-income country, poverty remains widespread and more than 60% of adults are unemployed.18

Study design

Data on IMAGE participants and controls were derived from a cluster randomized trial and are presented in detail elsewhere.18 Briefly, the socioeconomic characteristics of villages in the study site were assessed through field reconnaissance surveys and interviews with village leaders and community members. Eight villages were then paired according to size and accessibility, and one village from each pair was randomly allocated to receive the intervention at study onset; the other received the intervention on study completion. In both sets of villages, eligible intervention participants were recruited on the basis of participatory wealth ranking criteria, which were used to identify women aged 18 years and over from the poorest households in each village.22 Women from control villages were matched by age and poverty status and were recruited contemporaneously. Surveys were conducted in October 2004 and were scheduled such that all participants were evaluated at a uniform point in time: 24 months following the introduction of IMAGE.18

Surveys were conducted by a team of female researchers who had received 4 weeks of intensive training that included technical, ethical and safety considerations in conducting research on HIV and IPV.23 The construction of outcome indicators has been described in detail elsewhere.17,18 Indicators measuring economic well-being and empowerment were drawn from the development and microfinance literature, piloted and then adapted to the local South African context. Quantitative indicators of empowerment included measures of self-confidence, financial confidence, challenging of gender norms, relationship with partner, autonomy in decision-making, perceived contribution to the household and social group membership. Measures of IPV assessed participants’ attitudes towards and experiences of physical and sexual violence by an intimate partner, and were drawn from the WHO Violence Against Women Instrument.24 In each interview women were asked directly about their experience of different acts of physical or sexual violence by male partners, ever and in the past year. They were also asked about their experience of controlling behaviour by an intimate partner in the past year and about their attitudes towards the acceptability of IPV in different circumstances. HIV-related indicators captured information about sexual behaviour, household communication and collective action against HIV/AIDS.

To identify a comparable group of villages receiving microfinance alone (MF-only), a stratified random sample was generated from villages where microfinance projects were being implemented without the training component. As before, individual participants were recruited on the basis of participatory wealth ranking. Villages were eligible for inclusion in the sampling frame if they met three criteria: (i) no prior exposure to microfinance; (ii) 2-year exposure to MF-only; (iii) a socioeconomic and cultural context similar to that of the IMAGE and control villages (assessed through field reconnaissance surveys and interviews with community members). Eleven villages meeting those criteria were identified and were grouped according to size and accessibility. Villages were then randomly selected to generate four villages matching the characteristics of the IMAGE and control groups.

A survey of MF-only participants was undertaken in these villages in February 2006, 24 months following the introduction of the MF-only intervention. A list of all women who had received a loan during the previous 2 years was generated. Data were collected from all individuals who had joined the programme, regardless of whether they were still participating 2 years later. Data were thus collected on both current participants and drop-outs. Outcome data were collected in face-to-face interviews by members of the same research team with survey tools from the original trial.

Microfinance-only intervention

The microfinance component was implemented by the Small Enterprise Foundation, a South African nongovernmental organization (NGO) with over 60,000 active clients. The Grammen Bank model25 was applied, with groups of five women serving as guarantors for one another’s loans and all five having to repay before any member of the group was eligible for more credit. Loans were used to support a range of small businesses (e.g. selling fruit and vegetables, second-hand clothes and other products). Loan centres consisting of approximately 40 women (eight groups of five women) met fortnightly to make loan payments, apply for additional credit and discuss business plans.

IMAGE

In addition to the microfinance component described above, IMAGE included a participatory learning programme called “Sisters for Life”, which was integrated into the fortnightly loan centre meetings. The programme comprised two phases, delivered over 12–15
months. Phase 1 (first 6 months) consisted of 10 training sessions of 1 hour and covered topics including gender roles, cultural beliefs, power relations, self-esteem, communication, domestic violence and HIV. Participatory methods were used with a view to increasing confidence, communication skills and critical thinking. Phase 2 encouraged wider community mobilization to engage youth and men in the intervention villages. Women deemed “natural leaders” by their peers were elected by loan centres to undertake a further week of training and subsequently worked with their centres to address priority issues, including HIV and IPV.

**Control group**

Women in the control group received neither IMAGE nor microfinance-only interventions during the study period; however, IMAGE was implemented in control villages at study conclusion.

**Data analysis**

Our analysis first compared baseline sociodemographic data from the 2001 South African census for the three study groups. Analysis of outcome data involved three two-way comparisons: MF-only versus control, IMAGE versus control and IMAGE versus MF-only. Since the interventions were administered at the village level, cluster analysis was performed. For each comparison, crude measures of effect (prevalence or risk ratios, identified as RRs) with 95% confidence intervals (CIs) were calculated by entering the log of village-level summaries, weighted by village denominator, into an analysis of variance model that included terms for intervention and village triplet.

To control for possible baseline imbalances between women in intervention and control groups, we calculated adjusted measures of effect (aRRs) by means of a 2-stage process. First, using a logistic regression model fitted to individual-level data from control villages, we derived expected outcomes for each village on the basis of age, marital status, education, parity and sex of the household head for each respondent. We then entered standardized village-level summaries of the ratio of observed to expected outcomes into an analysis of variance model as described above.

Informed consent was obtained from all participants. The study was approved by institutional review boards at the University of the Witwatersrand (South Africa) and the London School of Hygiene and Tropical Medicine (United Kingdom).

**Results**

**Study enrolment and baseline characteristics**

A total of 1409 participants were enrolled into the interventions or recruited as controls. Of these, 363 of 430 (84%) in the control group, 480 of 549 (87%) in the MF-only group and 387 of 430 (90%) in the IMAGE group...
were successfully interviewed at 2 years post-intervention. In all groups the median age was similar (43–49 years) and married women outnumbered single, divorced, separated or widowed women (Table 1). At the village level, the three groups were broadly similar in terms of pre-intervention sociodemographic characteristics, including household size, age, sex, income, employment and education.

**Comparative analysis**

Table 2 shows the results of the analysis comparing intervention effects among the three study groups. These results are summarized graphically in Fig. 1.

**Microfinance only versus control**

Evaluation of the effects of the MF-only intervention against the control group revealed a clear pattern of improvement across all nine indicators of economic well-being, including household asset value, ability to repay debts and ability to meet basic household needs. For all economic variables, intervention effects were in the same direction, with aRRs ranging from 1.22 to 3.38 and CIs excluding 1 for most indicators. However, this same degree of consistency was not observed across the empowerment, IPV or HIV-related variables, where the direction of intervention effects varied among the indicators in each domain.

**IMAGE versus control**

Comparison of the effects of IMAGE against the control group showed a clear and consistent pattern of improvement in all 24 indicators across all domains. These included all indicators of economic well-being, empowerment (e.g. greater self-confidence, autonomy in decision-making, and larger social networks), IPV (including reduction in past-year experience of physical or sexual IPV) and HIV risk behaviour (including increased condom use at last sex with a non-spousal partner). For all these variables, aRRs indicated a positive intervention effect, with many attaining statistical significance.

**Microfinance only versus IMAGE**

When the effects of the MF-only intervention were compared with those of IMAGE, there was no clear pattern to suggest that one of the two types of intervention had produced greater improvements in economic well-being. However, IMAGE consistently showed greater effect on all variables relating to empowerment, IPV and HIV risk behaviour, and in many cases the change was statistically significant.

**Discussion**

This study set out to explore whether a complex intervention that combines a gender and HIV training programme with group-based microfinance can lead to health and social benefits beyond those achieved through microfinance alone. After 2 years, both the villages that received microfinance-only interventions and those that received the combined microfinance–training intervention (IMAGE) were found to have higher levels of economic well-being than matched control villages. However, only the combined intervention was associated with a wider range of effects in relation to women's empowerment, reduced risk of IPV and HIV protective behaviour. These findings lend support to the hypothesis that adding a health component to a conventional poverty reduction programme can create synergies that may be critical for achieving broader health and social benefits.

The study had several strengths, including efforts to ensure comparability between villages within the three study groups, age- and poverty-matching among participants and cluster-level analysis of outcomes. Outcome indicators were defined before analysis, and the analysis controlled for potential confounding factors. Despite the small number of villages and limited study power to detect cluster-level differences, statistically significant associations were evident for many indicators. What was, however, more striking was the consistent pattern of associations that emerged across all predefined health and social domains when the incremental effects of the combined intervention versus microfinance alone were examined.

We presented measures of effect and confidence intervals for all findings (Table 2), thereby allowing readers to judge the strength of the evidence for themselves. Many of these results were not “significant” in that they did not allow us to reject the null hypothesis of no effect at the 5% significance level. However, researchers recognize that, in addition to significance tests, the directionality, consistency and congruency of observed outcomes are important in evaluating complex interventions with multiple outcomes. Taken together, we feel that the data we present in Table 2 and Fig. 1 help to paint a picture of the relative contribution of the intervention components and also illustrate the remarkable consistency of observed changes in predefined indicators and the congruency between pathway variables and health outcomes.

The study also had several limitations. The data employed in the analysis were essentially cross-sectional and were collected after 2 years of exposure to the interventions. Consequently, it is difficult to make definitive statements about causality. However, villages were randomly selected after careful matching, and national census data suggest that the three study groups had similar baseline characteristics. As participants self-selected to join the MF-only or IMAGE interventions, there may have been unmeasured differences between the intervention groups and the control group. However, it is unlikely that this selection bias would influence comparisons between the IMAGE and MF-only groups, since both types of intervention required a similar time commitment—a factor that minimizes a form of bias common to evaluations of microfinance programmes. Finally, self-reported outcomes may be subject to bias, although the direction of such bias is difficult to predict. It has been noted that heightened sensitization to issues relating to gender-based violence can lead to increased reporting of IPV, a bias that would tend to underestimate the added value of IMAGE over the MF-only intervention.

Why might additional inputs, such as the IMAGE training programme, be important for achieving wider health and social effects? Critics of microfinance have long questioned whether, in the absence of efforts to address broader gender inequalities, simply providing financial services to women can be truly empowering. They note that offering credit to women does not necessarily guarantee their control over its use, and that the pressure to pay back loans can add to the already heavy burden of responsibilities borne by poor women. Moreover, while some studies have suggested that participation in microfinance can reduce the risk of IPV, others have noted that attempting to empower women
Table 2: Comparison of intervention effects on economic well-being, empowerment, IPV and HIV risk behaviour among women participating in IMAGE, women receiving microfinance only and a control group, Limpopo province, South Africa, 2001–2005

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Control</th>
<th>MF</th>
<th>IMAGE</th>
<th>MF vs control</th>
<th>IMAGE vs control</th>
<th>IMAGE vs MF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic well-being</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greater food security</td>
<td>129/361</td>
<td>350/480</td>
<td>177/371</td>
<td>2.58</td>
<td>0.83–8.01</td>
<td>2.33</td>
</tr>
<tr>
<td>Estimated household asset value &gt; US$ 300</td>
<td>182/361</td>
<td>313/480</td>
<td>207/370</td>
<td>1.29</td>
<td>1.20–3.18</td>
<td>1.24</td>
</tr>
<tr>
<td>Greater expenditure on home improvements</td>
<td>70/361</td>
<td>147/474</td>
<td>129/370</td>
<td>1.57</td>
<td>0.78–3.17</td>
<td>1.46</td>
</tr>
<tr>
<td>Better able to pay back debt</td>
<td>86/360</td>
<td>340/478</td>
<td>194/371</td>
<td>3.71</td>
<td>1.16–11.80</td>
<td>3.38</td>
</tr>
<tr>
<td>Membership in (savings) group</td>
<td>55/363</td>
<td>98/480</td>
<td>140/378</td>
<td>1.32</td>
<td>1.22–4.13</td>
<td>1.38</td>
</tr>
<tr>
<td>Able to meet basic needs in past year</td>
<td>39/316</td>
<td>167/434</td>
<td>94/350</td>
<td>3.65</td>
<td>1.77–7.49</td>
<td>3.17</td>
</tr>
<tr>
<td>Has not had to beg in past month</td>
<td>120/362</td>
<td>346/480</td>
<td>201/387</td>
<td>2.31</td>
<td>1.29–4.14</td>
<td>2.22</td>
</tr>
<tr>
<td>Ability to pay back debt</td>
<td>86/360</td>
<td>340/478</td>
<td>194/371</td>
<td>3.71</td>
<td>1.16–11.80</td>
<td>3.38</td>
</tr>
<tr>
<td>Greater economic well-being</td>
<td>186/361</td>
<td>347/474</td>
<td>277/371</td>
<td>1.43</td>
<td>0.87–2.42</td>
<td>1.40</td>
</tr>
<tr>
<td>Membership in (savings) group</td>
<td>55/363</td>
<td>98/480</td>
<td>140/378</td>
<td>1.32</td>
<td>1.22–4.13</td>
<td>1.38</td>
</tr>
<tr>
<td>Greater self-confidence</td>
<td>227/358</td>
<td>235/480</td>
<td>278/383</td>
<td>0.76</td>
<td>0.71–0.82</td>
<td>0.76</td>
</tr>
<tr>
<td>Greater financial confidence</td>
<td>140/360</td>
<td>219/480</td>
<td>278/383</td>
<td>1.50</td>
<td>0.32–7.07</td>
<td>1.48</td>
</tr>
<tr>
<td>Challenges gender norms</td>
<td>154/361</td>
<td>248/478</td>
<td>233/381</td>
<td>1.26</td>
<td>0.62–2.58</td>
<td>1.30</td>
</tr>
<tr>
<td>Household level</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supportive partner relationship</td>
<td>151/248</td>
<td>180/338</td>
<td>212/290</td>
<td>0.93</td>
<td>0.65–1.31</td>
<td>0.85</td>
</tr>
<tr>
<td>Autonomy in decision-making</td>
<td>55/149</td>
<td>84/220</td>
<td>105/184</td>
<td>1.21</td>
<td>0.39–3.75</td>
<td>1.35</td>
</tr>
<tr>
<td>Perceived contribution to household</td>
<td>56/146</td>
<td>248/478</td>
<td>121/185</td>
<td>1.89</td>
<td>0.36–6.93</td>
<td>0.84</td>
</tr>
<tr>
<td>Community level</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Larger social network</td>
<td>134/283</td>
<td>247/566</td>
<td>275/386</td>
<td>1.17</td>
<td>0.74–3.32</td>
<td>1.37</td>
</tr>
<tr>
<td>Greater sense of community support</td>
<td>184/462</td>
<td>204/480</td>
<td>232/387</td>
<td>0.86</td>
<td>0.54–1.33</td>
<td>0.82</td>
</tr>
<tr>
<td>Greater solidarity in a crisis</td>
<td>179/363</td>
<td>245/479</td>
<td>306/387</td>
<td>1.12</td>
<td>0.56–2.23</td>
<td>1.12</td>
</tr>
<tr>
<td>Intimate partner violence</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attitudes concerning IPV</td>
<td>233/66</td>
<td>385/472</td>
<td>182/382</td>
<td>0.73</td>
<td>0.64–0.83</td>
<td>0.73</td>
</tr>
<tr>
<td>Past year experience of controlling behaviour</td>
<td>110/242</td>
<td>158/37</td>
<td>95/232</td>
<td>0.78</td>
<td>0.34–1.62</td>
<td>0.84</td>
</tr>
<tr>
<td>Past year experience of physical and/or sexual IPV</td>
<td>30/248</td>
<td>39/373</td>
<td>17/290</td>
<td>0.50</td>
<td>0.28–0.98</td>
<td>0.51</td>
</tr>
<tr>
<td>HIV-related risk behaviour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Household communication about sex and HIV</td>
<td>197/361</td>
<td>308/480</td>
<td>331/383</td>
<td>1.60</td>
<td>0.76–1.72</td>
<td>1.17</td>
</tr>
<tr>
<td>Participation in HIV march or rally</td>
<td>124/361</td>
<td>151/480</td>
<td>290/383</td>
<td>2.21</td>
<td>0.59–1.49</td>
<td>0.91</td>
</tr>
<tr>
<td>Condom use at last sex with all non-spousal partners</td>
<td>10/45</td>
<td>17/52</td>
<td>23/51</td>
<td>2.41</td>
<td>0.77–7.54</td>
<td>1.83</td>
</tr>
</tbody>
</table>

aRR, adjusted risk ratio; IMAGE, Intervention with Microfinance for AIDS and Gender Equity; IPV, intimate partner violence; MF, microfinance; RR, risk ratio.

a Adjusted for village triplet, age group, marital status, education, parity and sex of household head.

b Among currently partnered women (aRRs do not control for marital status).

c Among women aged < 35 years old reporting at least one non-spousal partner.
may exacerbate this risk by challenging established gender norms, and provoking conflict within the household.4,34–36

Our study found that provision of the microfinance-only intervention did not exacerbate the risk of past-year IPV, as compared with a matched control group; however, neither did it reduce this risk. Lower IPV risk was observed only in the IMAGE group. Qualitative data from that group suggest that reductions in violence resulted from a range of responses to the intervention that enabled women to challenge the acceptability of violence, expect and receive better treatment from partners, leave violent relationships, give material and moral support to those experiencing abuse, mobilize new and existing community groups and raise public awareness about the need to address domestic violence.17

This study and others suggest several potential strategies for maximizing the health and social benefits of development programmes such as microfinance. Many authors have pointed out that training content is critical in catalysing health gains, noting that it should include an explicit gender focus, raise awareness about gender roles and cultural beliefs and provide an opportunity for women to discuss often stigmatized subjects such as sexuality, HIV/AIDS and gender-based violence in a safe environment.3,36–39 Others have stressed the importance of the training process, in particular the value of participatory, group-based learning. In HIV/AIDS education, group-based interventions have been found to foster critical analysis, collaborative learning, communication skills, problem-solving and peer support, which, in turn, have been regarded as crucial to changing social norms and increasing knowledge, skills and solidarity among women – all important aspects of empowerment.38–42

Recognizing the broader social and political context in which women’s lives are situated, many authors have also highlighted the importance of engaging the broader community, including men and boys.5,37,41–44

IMAGE participants were able to communicate more openly with partners and family members about sexuality, HIV and domestic violence, and to share this knowledge with others in their communities.17,45 Many entered traditionally male-dominated domains, such as police stations, schools and football clubs, engaging with traditional leaders and also organizing numerous village meetings and marches.17,46 In similar programmes in India, women’s participation in microfinance initiatives has formed the basis for organizing around issues such as dowry, domestic violence and alcohol abuse, and in Bangladesh, microfinance programmes have mobilized members to vote for the first time in elections.37,47 In general, however, there has been little attempt to link microfinance to wider social and political activity.

The success of the microfinance sector to date has been impressive. Across a wide range of models, reported loan repayment rates, even among the poorest clients, often exceed 95%.48,49 Global experience has demonstrated that microfinance institutions can recover all or most of their administrative

![Fig. 1. Consistency of intervention effects among IMAGE study groups, Limpopo province, South Africa, 2001–2005](image-url)
costs through interest rates and user fees. Rapid growth and scaling-up are thus possible, even when donor funds are limited.49 Opportunities are now emerging for microfinance institutions to broaden their scope and benefits by more directly addressing health-related concerns, including reproductive health, HIV/AIDS and gender-based violence.9,11,12 Doing so will not make sense for every programme and population, of course, and microfinance leaders are justifiably wary of weighing down their institutions with added responsibilities. But evidence is mounting to suggest that combining economic and health interventions can create powerful synergies and broad effects in measurable ways. In Africa, Asia and Latin America, a growing number of programmes have successfully integrated health education, without compromising core financial services or sustainability.9,10,12,50 The time may be right for donor agencies to move beyond financial sustainability targets to encourage the kind of intersectoral partnerships that can broaden the health and social effects of microfinance and other poverty reduction programmes. Innovative and sustainable partnership models are already evolving, but further evaluation and scale-up will be vital. ■

Acknowledgements
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Résumé
Évaluation des effets supplémentaires produits par la combinaison d’interventions économiques et sanitaires : étude de l’Intervention IMAGE en Afrique du Sud

Objectif Examiner si l’adjonction d’un programme de formation sur la violence liée au sexe et sur le VIH aux initiatives relevant du microcrédit peut apporter des bénéfices sur les plans sanitaire et social supplémentaires par rapport à ceux fournis par le microcrédit seul.

Méthodes Des données transversales ont été obtenues pour trois agrégats spat-temporels sélectionnés au hasard dans des zones rurales d’Afrique du Sud : (i) quatre villages ayant bénéficié pendant 2 ans de l’Intervention IMAGE (Intervention with Microfinance for AIDS and Gender Equity), combinant une intervention de type microcrédit et un programme de formation sanitaire ; (ii) quatre villages ayant bénéficié pendant 2 ans de services de microcrédit uniquement ; et (iii) quatre villages témoins n’ayant été visés par aucune intervention. La détermination des rapports de risques ajustés (RRa) à partir de données sommaires pour les villages a permis de comparer les groupes en fonction des valeurs des indicateurs de bien-être économique, d’autonomisation, de violence exercée par le partenaire intime (VPI) et de comportements à risque pour le VIH. Les effets supplémentaires ont été estimés d’après l’amplitude et la cohérence des RRa.

Résultats Au total, 1409 sujets (uniquement des femmes, âge médian : 45 ans) ont été recrutés. Au bout de 2 ans, on a constaté des améliorations économiques par rapport au groupe témoin dans les deux groupes bénéficiant d’une intervention : celui desservi par l’Intervention IMAGE et celui ayant accès uniquement à des services de microcrédit. Néanmoins, seul le groupe bénéficiant de l’Intervention IMAGE présentait des associations cohérentes sur l’ensemble des domaines avec l’autonomisation des femmes, la violence exercée par le partenaire intime et les comportements à risque pour le VIH.

Conclusion L’adjonction d’une composante formation aux programmes de microcrédit destinés à des groupes peut être essentielle pour obtenir des bénéfices sanitaires plus larges. Les agences donatrices devraient encourager les partenariats intersectoriels propices aux synergies et élargir les effets sur le plan sanitaire et social des interventions économiques telles que la microfinance.

Resumen
Evaluación de los efectos incrementales de la combinación de intervenciones económicas y sanitarias: estudio de IMAGE en Sudáfrica

Objetivo Determinar si la inclusión de un programa de formación en materia de género y VIH en iniciativas de microfinanciación puede redundar en beneficios sanitarios y sociales superiores a los conseguidos solo mediante la microfinanciación.

Métodos Se obtuvieron datos transversales a partir de tres conglomerados emparejados seleccionados aleatoriamente en zonas rurales de Sudáfrica: (i) cuatro aldeas con dos años de exposición a la Intervención de Microfinanciación para el SIDA y la Equidad de Género (IMAGE), una intervención que combina medidas sanitarias y de microfinanciación; (ii) cuatro aldeas con dos años de exposición a servicios de microfinanciación únicamente; y (iii) cuatro aldeas de control en las que no se llevó a
Título: Combining economic and health interventions in South Africa

Resumen:

El objetivo del estudio fue evaluar los efectos de la combinación de intervenciones económicas y de salud en la reducción de la violencia doméstica y el empoderamiento de las mujeres en Sudáfrica. Se utilizaron varias intervenciones que incluyeron programas de microfinanciación, capacitación en género y estrategias de prevención de la violencia doméstica.

Los resultados mostraron una disminución significativa en la violencia doméstica y un aumento en la capacidad de las mujeres de tomar decisiones sobre su vida. Los participantes también mostraron mejoras en la salud mental y física. En general, se concluyó que la combinación de intervenciones económicas y de salud es crucial para el empoderamiento de las mujeres en Sudáfrica.

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