

Authors

Jhumka Gupta
George Mason University

Kathryn L. Falb
International Rescue Committee

Jeannie Annan
International Rescue Committee

Gupta et al. *BMC International Health and Human Rights* 2013, **13**:46
<http://www.biomedcentral.com/1473-2875/13/46>



RESEARCH ARTICLE

Open Access

Gender norms and economic empowerment intervention to reduce intimate partner violence against women in rural Côte d'Ivoire: a randomized controlled pilot study

Jhumka Gupta^{1,2*}, Kathryn L. Falb^{1,2}, Heidi Lehmann³, Denise Kpebe⁴, Ziming Xian⁵, Mazda Hossain⁶, Cathy Zimmermann⁷, Charlotte Watt⁸ and Jeannie Annan⁹

Abstract

Background: Gender-based violence against women, including intimate partner violence (IPV), is a pervasive health and human rights concern. However, relatively little intervention research has been conducted on how to reduce IPV in settings impacted by conflict. The current study reports on the evaluation of the incremental impact of adding "gender dialogue groups" to an economic empowerment group savings program on levels of IPV. This study took place in north and northwestern rural Côte d'Ivoire.

Methods: Between 2010 and 2012, we conducted a two-armed, non-blinded randomized-controlled trial (RCT) comparing group savings only (control) to "gender dialogue groups" added to group savings (treatment). The gender dialogue group consisted of eight sessions that targeted women and their male partner. Eligible Ivorian women (18+ years, no prior experience with group savings) were invited to participate. 934 out of 983 (95.2%) partnered women completed baseline and endline data collection. The primary trial outcome measure was an overall measure of past-year physical and/or sexual IPV. Past-year physical IPV, sexual IPV, and economic abuse were also separately assessed, as were attitudes towards justification of wife beating and a woman's ability to refuse sex with her husband.

Results: Intent to treat analyses revealed that compared to groups savings alone, the addition of gender dialogue groups resulted in a slightly lower odds of reporting past year physical and/or sexual IPV (OR 0.92; 95% CI 0.58, 1.47; not statistically significant). Reductions in reporting of physical IPV and sexual IPV were also observed (not statistically significant). Women in the treatment group were significantly less likely to report economic abuse than control group counterparts (OR = 0.39; 95% CI 0.25, 0.60, $p < 0.001$). Acceptance of wife beating was significantly reduced among the treatment group ($\beta = -0.97$; 95% CI -1.67, -0.28, $p = 0.006$), while attitudes towards refusal of sex did not significantly change. Per protocol analysis suggests that compared to control women, treatment women attending more than 75% of intervention sessions with their male partner were less likely to report physical IPV (a OR 0.43; 95% CI 0.21, 0.94; $p = .06$) and report fewer justifications for wife beating (adjusted $\beta = -1.14$; 95% CI -2.01, -0.28, $p = 0.01$); and both low and high adherent women reported significantly decreased economic abuse (a OR 0.13; 95% CI 0.05, 0.32, $p < 0.0001$; a OR 0.47; 95% CI 0.27, 0.81, $p = .01$, respectively). No significant reductions were observed for physical and/or sexual IPV, or sexual IPV alone.

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* Correspondence: jgupta@georgetown.edu
¹Department of Global Health Epidemiology, Division of Social and Behavioral Sciences, Yale School of Public Health, New Haven, CT 06520, USA
²Center for International Research on AIDS, Yale University, New Haven, CT, USA
Full list of author information is available at the end of the article



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January 01, 2013