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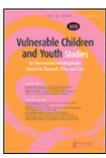
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Male involvement in antenatal HIV counseling and testing: Exploring men's perceptions in rural Malawi

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Running head: Men's views on HIV testing in pregnancy

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Abstract

Antenatal care can act as an excellent tool to improve access to HIV counseling and testing

services. This paper investigates an issue that may weaken its potential, namely lack of male

involvement. We explored married men's perceptions of HIV in pregnancy and male

involvement in antenatal HIV-testing and counseling in Southern Malawi through 11 focus

group discussions and a cross-sectional survey (n = 388). The main findings were that men

were largely unaware of available antenatal HIV-testing and counseling services, and

perceived it overall problematic to attend female-oriented health care. Most men supported

provision of antenatal HIV-testing. They perceived husbands to participate in the process

indirectly through spousal communication, being faithful during pregnancy, and supporting

the wife if found HIV-positive. Involvement of husbands was compromised by men's

reluctance to learn their HIV-status and the threat that HIV poses on marriage. Men stressed

the importance of prior spousal agreement of antenatal HIV-testing and considered HIV-

testing without their consent a valid reason for divorce. We suggest that male involvement in

antenatal HIV-testing requires refocusing of information and health services to include men.

To avoid negative social outcomes for women, comprehensive and early involvement of men

is essential.

Key words

Prenatal care; pregnancy; HIV; voluntary counseling; men; Malawi

Introduction

Antenatal care (ANC) services are widely recognized as one potential entry point for reaching out HIV prevention to the large (reproductive age) population groups in low-resource settings where HIV prevalence is high but most women attend ANC (Askew & Berer, 2003; UNAIDS, 2001; WHO & UNICEF, 2003).

The potential benefits of antenatal voluntary HIV counseling and testing (VCT) in Africa are undermined by the suboptimal acceptance of antenatal HIV-testing (Africa: 69% in 2005, 53% 2003, Malawi 45% in 2003) (Policy Project, 2004, Stover & Fahnestock, 2006). Furthermore, of those pregnant women who accept testing, a substantial number never return for results, interventions to prevent mother-to-child transmission of HIV (PMTCT), or antiretroviral treatment (ART) (dePaoli, Manongi & Klepp, 2004; Manzi et al., 2005; UNAIDS, 2001). Many who test HIV-positive don't disclose to their partners, thus hindering adoption of preventive behaviors and obtaining support. Pregnant women refrain from testing and disclosure out of fear of their partners' reactions, like accusations of infidelity, divorce, and violence (Antelman et al., 2001; Baiden et al., 2005; Bond, Chase & Aggleton, 2002; dePaoli et al, 2004; Farquhar et al., 2004; Gaillard et al., 2002; Heyward et al., 2003; Issiaka et al., 2001; Kilewo et al., 2001; Nebie et al., 2001; Semrau et al., 2005; Temmerman, Ndinya-Achola, Ambani & Piot, 1995).

In Malawi, the HIV-prevalence is 12% (National Statistics Office [NSO] & ORC Macro, 2005) with highest rates among young women. ANC attendance is high (93%), half of pregnant women receive antenatal HIV counseling and only 4% are tested for HIV. (NSO & ORC Macro, 2005). The Malawi government is actively expanding services. The

recommended antenatal routine includes VCT and encouragement to disclose results to partner or attend couple counseling (National AIDS Council [NAC], 2003).

Despite increased political focus on male involvement in reproductive health, implementation of gender-sensitive strategies is lagging behind (Greene & Biddlecom, 2000; Mbizvo & Bassett, 1996; Obermeyer, 1999; WHO, 2002;). For antenatal VCT, male involvement can improve acceptance of VCT among women, reduce negative outcomes of disclosure to partner, and make ANC a cost-effective entry point for HIV-preventions into family and community (Kowalczyk et al., 2002; Stringer et al., 2004). Partner support and couple counseling have been associated with sexual behavior change favoring condom use, and improved ART compliance and infant feeding strategies (Farquhar et al., 2004; Kiarie, Kreiss, Richardson & John-Stewart, 2003; Msuya et al., 2008; Nebie et al., 2001).

Attempts to involve men in antenatal VCT have managed to attract only few husbands (Farquhar et al., 2004; Homsy et al., 2006; Semrau et al., 2005). Our community based mixed-method study gives new insights into the opportunities and obstacles for male involvement through focus on the male perspective and use of conceptual framework. While most male involvement research concentrates on urban environments and intervention settings, we have studied the often neglected rural populations. Our specific aims were to explore men's perceptions on HIV in pregnancy and on involvement of husbands in antenatal VCT.

Methods

Setting

The study was conducted in Mangochi District, Malawi, in eleven rural lake shore villages with 16,162 inhabitants. The dominant tribe is the traditionally matrilineal, and matrilocal, Yao, although nowadays, married couples may live in either the husband's or wife's village. The majority practices moderate Islam. Livelihoods come from fishing and subsistence farming and most women depend economically on their husbands (NSO & ORC Macro, 2005). The predominantly Islamic Mangochi district is similar to other districts in women's empowerment or male participation in health care, but education levels are lower (NSO & ORC Macro, 2005).

Antenatal VCT is available locally at Malindi missionary hospital and Lungwena government health center that provides VCT as part of a research project, and 20 kilometers away at Mangochi district hospital. ART is available at both hospitals and most women attend ANC. Antenatal VCT acceptability is high in the trial, but only 3% and 30% at Malindi and Mangochi hospitals respectively. Partner involvement is almost non-existing. The low VCT acceptability can be explained by insufficient ART and PMTCT infrastructure, human resources, and lack of community mobilisation. (personal communication, regional PMTCT coordinator M. Kayamba, June 2006, and P. Ashorn, December 2006).

Design

We utilized a multi-method approach with eleven focus group discussions (FGD) and a cross-sectional survey (n=388) carrying equal weight. Our choice of methodology was based on the view that a study on a novel phenomenon, in this case male involvement, would benefit from different methods and contexts (Marshall & Rossman, 1995; Sandelowski, 2000). The FGDs and survey represented public and private contexts, and the survey enabled generalization of findings emerging in the FGDs (Sandelowski, 2000). Malawi College of Medicine Research & Ethical Committee granted ethical approval.

Data collection and analysis

Data collection between April and July 2006 comprised three phases: pilot test of tools, FGDs, and survey. Married men with spouses in reproductive age were eligible, and verbal informed consent was obtained individually from all prior to the study.

The 81 FGD participants were sampled purposively by one local research assistant aided by chiefs' counselors, anticipating demographic variability (Kitzinger & Barbour, 1999), though with modification based on convenience. Two local research assistants moderated the FGDs in Chiyao or Chichewa language in the participants' home villages. Six FGDs were held separately for young (15-19 years), adult (20-35 years), and old men (36-50 years), and five were mixed. The question guide covered perceptions of HIV in pregnancy, antenatal VCT, and male involvement. The principal investigator observed half of the discussions for evaluation of an influence of her presence. FGDs were tape-recorded, transcribed, and translated into English. All tapes were checked for incongruence with translated text, and 15% were double transcribed and translated. No major discrepancies

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were identified. Data were analyzed by qualitative content analysis (Graneheim & Lundman, 2004) using Open Code software (Umeå University), considering young and old men's responses separately. Analyses and themes were discussed with co-researchers for credibility (Graneheim & Lundman, 2004).

The questionnaire was designed based on FGD findings, double translated into Chiyao and Chichewa, pre-tested, and administered by face-to-face interviews. Closed and open questions recorded socio-economic variables, knowledge, and perceptions of antenatal VCT and male involvement. To find eligible participants, systematic sampling of households with random start was applied. The required maximum sample size was 384 for the proportions to lie within 5% interval with 95% confidence (Lemeshow, Hosmer, Klar & Lwanga, 1990). Survey data was analysed using SPSS software (SPSS-Inc., Chicago). Missing responses (<1%) were excluded.

Results

Socio-economic characteristics and knowledge of HIV-prevention in pregnancy

Most FGD and survey participants were Yao fishermen without formal education. Their knowledge on PMTCT and antenatal HIV-related services was limited. Only 8,6% had ever accompanied their wives to ANC. The details are presented in Table 1.

TABLE 1

Perceptions of HIV in pregnancy

Most survey participants (79%) considered HIV a serious problem for pregnant women. In FGDs, men's perceptions of HIV in pregnancy concentrated around three themes: threefold burden on pregnant women, links to promiscuity, and women's vulnerability.

Three death sentences

FGD participants considered HIV as a threefold burden for pregnant women. Firstly, they viewed HIV as a disease without cure that destroys her health and peace of mind, and makes her dependent on others until she dies. Secondly, the community lays even harder sentence by gossip, and, sometimes, by segregating her. She would lose her status, having become a undesirable sex partner or wife. The shame and disrespect could even lead to suicide.

P5: If she comes from a poor background she has poor support. They treat her like an animal (...)
P1: She lacks clothes since she has no means of getting them. P4: A man can't propose to her [for marriage or girlfriend] to support her, because he knows she has HIV. (FGD 6, adult/old)

Thirdly, men considered pregnancy, delivery, and HIV to aggravate each others' negative effects on the woman's health. They believed that pregnancy activates HIV, and HIV and the bleeding during delivery make a deadly combination. This was a prominent argument for why HIV-positive women should not bear children. For some, the baby's poor chances to survive made the whole concept of pregnancy meaningless.

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For the woman to live longer she doesn't deserve to bear children. She loses blood during pregnancy and delivery. If she continues to give birth she can die, because children need blood in the womb and HIV also needs blood. (FGD8, adult)

Disease of promiscuity

In FGDs, men considered HIV in pregnant women to be an obvious result of promiscuity. They openly acknowledged husbands' promiscuity leading to transmitting HIV to their wives. Married women's promiscuity was discussed only after silence, indicating a taboo status. Promiscuity was explained by gender-specific reasons – for men by their uncontrollable sexual desires and their wealthy and mobile fishing life, for women by their greediness, unacceptable desire for multiple partners, and revenge on promiscuous husbands. Most survey participants (59%) considered HIV in married pregnant women to be transmitted from her husband.

Vulnerable women fighting a strange enemy

FGD participants considered women particularly vulnerable to HIV due to their limited income opportunities, forcing unmarried and married women alike to transactional sex. Women's poor knowledge of HIV increased their risk. Nevertheless, many, particularly older men were concerned on pregnant women's social problems more than HIV, setting HIV in the context of poverty, diseases, early pregnancies, and partner dependency. Many considered pregnant women's chances to prevent HIV as limited. Good diet, family support

and health care improved her life with HIV, while the alien nature of HIV, 'disease brought by foreigners', and the environment of secrecy and denial made things worse.

Some married women are not satisfied with their husbands. They have sex in the bush when coming from maize mills and hospitals if you haven't given her money. They are enticed by men who have money. (FGD 6, adult/old)

Perceptions of husbands' involvement in antenatal VCT

Most survey participants supported provision of antenatal VCT, but only few perceived husbands to benefit directly (Table 2). How men perceived their involvement in the antenatal VCT process is shown in the conceptual framework (Figure 1) as FGD themes and categories.

TABLE 2 FIGURE 1

Means of male involvement

FGD participants considered husbands to be mainly indirectly involved in antenatal VCT. Four categories were identified (Figure 1).

Men underlined husbands' responsibility to prevent HIV during pregnancy by means of faithfulness and advising the wife on the same (A1, Figure 1), while condoms were barely mentioned. Husbands' responsibility and right to advise were ascribed to his status as the clever family head but also to his promiscuity. Both spouses could also give advice out of love.

Secondly, husbands were closely involved through spousal communication (A2). In the survey, 90% agreed that the wife should consult her husband before HIV-testing, and equally many reported they would consult their wives. FGD participants emphasized the importance of prior agreement of antenatal HIV-testing. Testing without husband's consent was equivalent to abandoning the code of sharing and respect in marriage, and could lead to divorce and inability to disclose results. Controversially, hiding the results could also mean divorce. Men considered HIV issues to be secrets for wife and husband only. Pregnancy could not trigger discussion on HIV.

[Commenting on story of husband leaving his pregnant wife who discloses HIV-positive results] P3: He left her, because she didn't have his consent before testing. P8: Yes, she belittled him when she didn't tell that she is going. (...) P5: Because in the house you do things in an agreeable manner. She went on her own without consulting him. She showed no respect. (FGD 12, young)

FGD participants said that husbands were best involved in antenatal VCT through couple counseling (A3), which gave the couple hope, encouragement to stay faithful, better understanding of the information and a fair basis for planning the future. Receiving positive results alone could result in unfair blame and divorce. Similarly, most survey participants (72%) preferred to receive advice on HIV with their wives, 14% with male peers, and 13% alone.

Lastly, the husband was involved if the pregnant wife was found HIV-positive (A4). For most survey participants, involvement meant being openly informed and taking the HIV-test (Table 3). FGD participants focused on how the husband gives material support, love, and comfort to his wife. Despite family pressure he should continue the marriage, stop

having children to protect her health, and accept condom use or abstinence. Having another sex partner could help the marriage last.

TABLE 3

Barriers to male involvement

Firstly, men's non-involvement was explained by a reluctance to learn one's HIV-status, grounded in the fear of HIV, shame, divorce and losing hope, feeling of no risk, and men's stubborn nature (B1). Particularly older men distrusted the confidentiality, and some mentioned avoidance of the burden of care.

Secondly, men explained that a weak marriage undermines the whole concept of male involvement (B2). Without love and faithfulness, talk about HIV could only lead to husband denying his wife the test, unhappy marriage, or divorce. Of the survey participants, 39% reported never having discussed HIV with their wives. They justified it by not being at risk of HIV (39%) or no time or interest (37%).

Thirdly, men perceived health services, including ANC, as women's area, and shameful for husbands to attend (B3). Men were portrayed as second level customers who could only attend when ill, while pregnancy justified women's attendance. Furthermore, men who accompanied their wives to ANC were ridiculed by their peers for being jealous.

But brother, it's difficult. We men don't get pregnant. We just make women pregnant. Women are the ones who carry the burden. So for us men to go there [hospital] for an HIV-test, that's the hardest thing (FGD 13, adult)

Support to male involvement

FGD participants raised two aspects that facilitate husbands' involvement (Figure 1). First, men would benefit from support and knowledge-sharing among male peers and guidance from elders not to rush into violence or divorce because of HIV (C1). Second, if disclosure of HIV-positive results to partner was assisted by health personnel, family or friends, less divorces would occur, and more husbands would test (C2).

She fears the husband will divorce her straight away when told about HIV. However, as the wife's protective method she may disclose to the husband's close friend (...) who finds ways of telling him, so it doesn't result in divorce although he [husband] is very difficult. (FGD 11, adult/old)

Discussion

Positive impacts of partner support on adherence to PMTCT and ART, and the use of ANC as an entry point for HIV-prevention into the community remain largely underutilized opportunities (Farquhar et al., 2004; Kiarie et al., 2003; Kowalczyk et al., 2002; Nebie et al., 2001; Stringer et al., 2004). Lack of male involvement thus undermines the potential benefits of antenatal HIV-prevention efforts. Our rural community-based data shows that extremely few men accompany their wives to antenatal VCT. Similarly, in previous studies in Malawi, women reported lack of male attendance, and hoped for more involvement (Tadesse & Muula, 2004; Tadesse, Muula & Misiri, 2004). In our study, men were indirectly involved through communication, material and mental support, reflecting the gender dividend context, where husbands attending antenatal VCT would cross too many barriers in marriage, society and health care.

The difficulty of involving men in antenatal VCT has been obvious in interventions attempting it (Farquhar et al., 2004; Homsy et al, 2006; Semrau et al., 2005). In our study, most men cared for their wives' health and supported provision of antenatal VCT - both important prerequisites for successful male involvement. Yet, three clear obstacles for male participation are found: Men's limited knowledge on PMTCT, reported previously by others (deGraft-Johnson, Paz-Soldan, Kasote & Tsui, 2005; NSO & ORC Macro, 2005); Men's relative unawareness of antenatal VCT, such that most men have poor understanding of the connection between HIV prevention and ANC; and men's perception of health services as female oriented.

Our study provides insights on how to involve men in antenatal VCT. First, we suggest that the current approach, where pregnant women are responsible for involving their husbands, is inadequate. Evidence shows that, without extensive community mobilization, even proper antenatal HIV counseling emphasizing partner notification does not suffice to attract men (Homsy et al, 2006; Semrau et al., 2005). The mediocre effectiveness of partner notification of other sexually transmitted diseases (Moyo et al., 2002; Nuwaha, Kambugu, Nsubuga, Hojer & Faxelid, 2001) suggests similar limitations of the approach. We argue that men need targeted information and support to enable informed choice on VCT participation and skills to support their wives. Our study participants suggested FGDs as a feasible tool to empower men and community leaders to play their supportive roles more effectively.

However, truly acceptable services for couples require a comprehensive reorientation of services towards both sexes. Currently, midwives in Malawi are not prepared to involve men (Misiri, Tadesse & Muula, 2004), and reproductive health services beyond VCT are

claimed to exclude men (Greene & Biddlecom, 2000; Mbizvo & Bassett, 1996; Obermeyer, 1999; WHO, 2002).

In our study site, that is characterized by male dominance in spousal decision making (Ashorn, 2003; Miller, Zulu & Watkins, 2001), HIV-testing without agreement is considered a valid reason for divorce. This indicates that adverse social outcomes may relate to neglecting involvement of husbands prior to testing. Low education levels, weak ART and PMTCT infrastructure, and perhaps culture including Islamic customs may partly explain these strong attitudes in our setting. However, previous studies among women indicate a similar necessity of spousal approval in Christian and urban contexts (Baiden et al., 2005, Bond et al., 2002, Mlay et al., 2008). Also, poor PMTCT coverage and human resource constraints compromise antenatal HIV prevention efforts in many rural areas in Africa (Stover & Fahnestock, 2006).

Our data supports studies (deGraft-Johnson et al., 2005; Schatz, 2005; Tadesse et al., 2004, Kowalczyk, 2002, Baiden et al., 2005) that recommend early male involvement and promotion of spousal communication on HIV-testing, particularly in settings with limited autonomy of women (Mbizvo & Bassett, 1996; Morin et al., 2006). Therefore our second consideration concerns the innovative quick approaches in antenatal VCT that focus on removing accessibility barriers by rapid tests (Pronyk et al., 2002), mobile clinics (Morin et al., 2006, Pronyk et al., 2002) and including VCT in delivery services (Homsy et al., 2006). The success in increasing utilization with seemingly few negative social impacts suggests that pre-test counseling and ample time for decision making are outdated components of antenatal VCT (Obermeyer & Osborn, 2007), but in contexts with limited female autonomy the reverse may be true.

A third consideration concerns the recent policy developments towards mandatory antenatal HIV-testing in Malawi (Plusnews article on December 24, 2007). While the need to increase VCT in Africa is obvious, our findings, in line with others (Csete, Schleifer & Cohen, 2004), raise the concern that pregnant women, when learning their HIV-status in presence of stigma and absence of treatment or husband's approval, may face stress or violence. While some suggest that women should be empowered to decide on antenatal VCT alone (Semrau et al., 2005), others argue that approaches that bypass the women's social context, can lead to not truly voluntary consent (Fylkesnes, Haworth, Orne-Glieman and Desgrées-Du-Loû, 2008; Rosensvärd & Kwapa, 1999). Our findings suggest that mandatory testing might lead to negative social outcomes, like divorces, unless male involvement and community sensitization is given priority. For achieving truly voluntary consent, adherence to therapies and sexual behavior change, we recommend comprehensive approaches, like routine antenatal consultations for couples. This approach would also help men to attend health care without being stigmatized. Another way forward could be strengthening couple counseling services outside ANC (Msuya et al., 2008).

Conclusion

Successful implementation of universal HIV counseling and testing programs in antenatal care necessitates male involvement. To avoid negative social outcomes of antenatal VCT for women in settings where men dominate decision making, early involvement of men is essential. Involving men requires information targeted at men and reorientation of health services toward both sexes.

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Figure 1. Conceptual framework of men's perceptions of husbands' involvement in the process of antenatal HIV-testing, based on themes and categories from focus group discussions with men in Southern Malawi (n=81).

Men's perceptions on male involvement

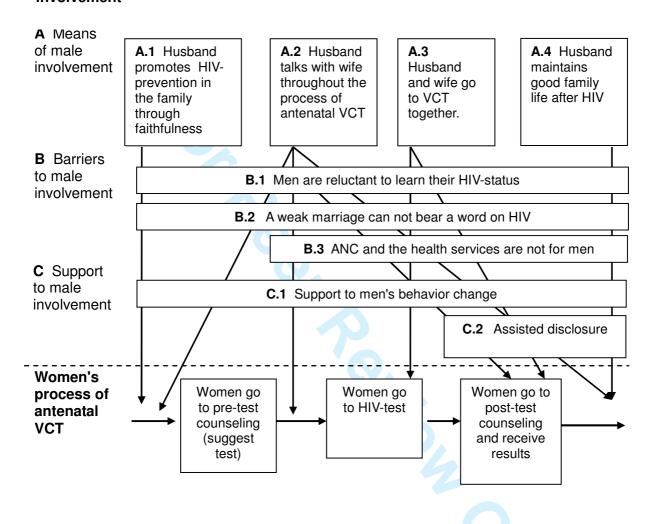


Table 1. Socio-economic background characteristics and knowledge related to antenatal HIV-testing among married men in Southern Malawi participating in survey (n=388) and focus group discussions (n=81).

Characteristics of men and their knowledge related to	Survey		FG	D
antenatal HIV-testing	(n=388)		(n= 81)	
	n	(%)	n	(%)
Age, median years [min-max]	31	[17-54]	27	[15-50]
Tribe Yao ^a	315	(81.2)	71	(87.7)
Religion Islam ^b	313	(80.7)	71	(87.7)
Literate ^c	229	(59.0)	n/a	n/a
Education d				
None	122	(31.6)	24	(29.6)
Uncompleted primary school, 1-7 years	176	(45.6)	34	(42.0)
Primary school or higher, 8 or more years	88	(22.8)	23	(28.4)
Main source of income				, ,
Fisherman	188	(48.5)	42	(51.9)
Businessman, vendor	73	(18.8)	15	(18.5)
Farmer	46	(11.9)	8	(9.9)
Tailor, handicraft	37	(9.5)	7	(8.6)
Other	41	(9.7)	9	(11.1)
No own income	3	(8.0)	0	(0)
Number of wives				
One wife	342	(88.1)	73	(90.1)
Two wives	46	(11.9)	8	(9.9)
Number of children ^e				
0	31	(8.0)	5	(6.2)
1-3	229	(59.2)	53	(65.4)
4-10	127	(32.8)	23	(28.4)
Wife currently pregnant ^f	44	(11.4)	n/a	n/a
Wife attended ANC in latest pregnancy ^g	353	(95.1)	n/a	n/a
Aware of MTCT	353	(91.0)	n/a	n/a
Aware of MTCT and PMTCT, at least one method	136	(35.1)	n/a	n/a
Awareness and utilization of HIV-related services in ANC h				
Aware of any HIV-related services at ANC	161	(41.5)	n/a	n/a
Aware of any HIV-related services at ANC targeted to	86	(22.2)	n/a	n/a
pregnant women and their husbands				
Ever accompanied wife to antenatal care services	30	(8.6)	n/a	n/a
Ever attended any HIV-related services in antenatal care 1	4	(1.1)	n/a	n/a

Note: Results are percentages of the total number of men in the survey and FGD unless indicated otherwise. n/a questions were not asked from FGD participants. ANC antenatal care. MTCT mother-to-child-transmission of HIV, PMTCT prevention of mother-to-child transmission of HIV.

^a Other tribes: Nyanja, Chewa, Ngoni, Tumbuka, Lomwe.

^b Other religions: Roman Catholic, Anglican, Pentecostal, small Christian denominations, Rastafarian

^c Literacy was tested by letting the participant read a piece of text in his mother tongue

d Not included in the analysis: 2 unclear answers (n total 386)

^e Not included in the analysis: 1 missing answer (n total 387)

Not included in the analysis: 3 unclear or missing answers (n total 385)

⁹ Not included in the analysis: 17 men, whose wife had never been pregnant (n total 371)

h HIV-related services include HIV-education, VCT, PMTCT, condom delivery and ART to mother at ANC Not included in the analysis: 35 men, whose wife had not attended ANC in latest pregnancy and 2 unclear answers (n total 351)

Table 2. Perceptions of provision of voluntary HIV counseling and testing services in antenatal care by married men in Southern Malawi (n=388).

	Me	Men's response	
	respo		
Questions	n	(%)	
Support to provision of VCT in antenatal care			
Supports	300	77.3	
Does not support	36	9.3	
Unsure	52	13.4	
Perceived benefits of VCT in ANC ^a			
Woman gets to know her HIV status	159	57.4	
Baby can be protected from HIV	62	22.4	
Health personnel can better assist the woman	55	19.9	
Women will not transmit HIV further to men	42	15.2	
Husband and wife can be protected from HIV	34	12.3	
Knowing baby's status helps planning in the family	21	7.6	
Other	10	1.8	

^a not included in the analysis: 88 men, who were against provision of VCT or unsure (n total 300). This was an open question with multiple responses and hence the percentages add up to more than 100%.



Table 3. Views of married men in Southern Malawi (n=388) on how the husband should be involved if his wife is found HIV-positive in antenatal care.

	Men's	
	respoi	nse
Questions	n	(%)
Informing the husband on HIV-positive results		
Wife should openly inform the husband	207	56
Health personnel should assist in informing the husband	44	12
Wife should inform the husband if their relationship is good	23	6
Husband can not be informed	4	1
Roles of husband at hospital		
Goes to HIV-test	156	42
Follows advice from the health personnel	52	14
Gets counselled and/or tested together with wife	27	7
Roles of husband at home		
Gives material support and makes future plans	45	12
Comforts and encourages wife	33	9
Is faithful	18	5
Uses condoms when having sex with wife	15	4
Abstains from sex with wife	6	2
It is up to the husband to be involved or not	9	2
Other ways	2	1

^{*} This was an open question with multiple responses and hence the percentages add up to more than 100 %.