Rebecca Thornton Susan Godlonton Jobiba Chinkhumba Rachael Pierotti Scaling up male circumcision service provision Results from a randomised evaluation in Malawi July 2014









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Scaling up male circumcision service provision: results from a randomised evaluation in Malawi

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Executive summary

As governments and non-governmental organisations in Sub-Saharan Africa attempt to reduce the spread of the human immunodeficiency virus (HIV), voluntary medical male circumcision is being suggested as one important strategy. However, despite the rigorous medical evidence suggesting medical male circumcision is important for HIV prevention, no studies have yet examined how information and monetary costs affect the demand for circumcision from uncircumcised men. This information can help to inform policymakers, health workers and governments as to which policies might most effectively increase circumcision rates.

This study is among the first population-based surveys to collect baseline data about circumcision practices, beliefs and attitudes among men. While previous studies on the effectiveness of circumcision have included randomised controlled trials, previous studies on the demand for circumcision have typically been cross-sectional, comparing those who report that they are willing to become circumcised with those who report that they are not. This approach crucially omits variables that may bias causal inferences, making it impossible to accurately predict the effects of policies aimed at increasing circumcision. These studies also rely on reported intentions rather than actions.

Only by conducting and assessing a rigorous randomised policy intervention can investigators ensure proper comparison groups with which to make accurate predictions of what determines the demand for circumcision. In this study, we randomise prices of the surgery and the information that medical male circumcision is associated with lower HIV risk. Additionally, our qualitative interviews give additional insight into the decision-making process for getting circumcised. This evaluation aims to fill the gap in knowledge about the demand for voluntary medical male circumcision.

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Abbreviations and acronyms

AIDS	Acquired Immunodeficiency Syndrome
CHAM	Christian Health Association of Malawi
HIV	Human Immunodeficiency Virus
MDHS	Malawi Demographic Health Survey
MWK	Malawi kwacha
VMMC	Voluntary Medical Male Circumcision
WHO	World Health Organization

1. Introduction

Recent randomised controlled trials have found that medical male circumcision significantly and substantially lowers the likelihood of contracting HIV for men (Auvert *et al.* 2005; Bailey *et al.* 2007; Gray *et al.* 2007; National Institutes of Health 2006). Governments across Africa, as well as multilateral organisations such as the World Health Organization (WHO) and the United Nations, have begun discussing strategies for scaling up medical male circumcision efforts.

While these agencies view medical male circumcision as an important HIV prevention strategy, there are high costs associated with implementation, raising the question of what proportion of the costs could be borne by individuals wanting to protect themselves or their sexual partners, and what proportion of the costs should be subsidised by the government. No study has yet measured how the demand for medical male circumcision responds to prices, informing governments and organisations as to the optimal price to charge or the optimal amount to subsidise. Moreover, very little is known about how information detailing the link between medical male circumcision and reduced risk of HIV affects this demand.

Success in rolling out medical male circumcision in high-priority countries depends on the demand for voluntary medical male circumcision (VMMC), but the decision of how or where to roll out these programmes depends crucially on the cost-effectiveness of this strategy for HIV prevention. Simulations from epidemiological models have suggested that VMMC is cost-effective and that scaling up to 80 per cent male circumcision coverage could avert approximately 22 per cent of forecast HIV infections through 2025, and result in a net saving of US\$16.51 billion (Njeuhmeli *et al.* 2011).¹

However, these calculations depend crucially on the ability to reach scale (80 per cent coverage is more than 20 million men), and depends on the types of men who choose to become circumcised. In particular, the benefit of male circumcision is maximised when men who are most at risk of HIV infection are first adopters. If men who are least at risk of infection are more likely to take up circumcision, cost-effectiveness estimates will have overestimated the benefits of scale-up.

Malawi provided a good opportunity to explore these questions. Not until October 2011 (after the baseline survey in this evaluation) did the government adopt VMMC into its national strategic plan for HIV prevention. Thus, the number of providers of VMMC was limited, as was the level of media coverage and information about HIV and male circumcision. This report presents findings of an impact evaluation conducted in the catchment area of a private provider of VMMC during 2010 and 2011.

1.1 Summary of evaluation approach and research questions

The main goals of this evaluation were to assess how information and price affects the demand for VMMC. The study introduced experimental components in which individuals were allocated vouchers of varying amounts for a discount on a medical circumcision and randomly allocated comprehensive information about HIV risk and male circumcision;

¹ See also UNAIDS/WHO/SACEMA 2009; Hankins *et al.* 2011; Nagelkerke *et al.* 2007; White *et al.* 2008; Williams *et al.* 2006.

this allowed us to study the causal effects of these interventions on take-up of VMMC. Our evaluation enables evidence-based recommendations with respect to stimulating demand and targeting the rollout of VMMC. Additionally, the evaluation provides updated cost-benefit estimates of scaling up this programme.

The following are several key research questions for this project:

- How does comprehensive information about VMMC affect the demand?
- How does price affect demand for VMMC?
- What types of individuals are more likely to adopt VMMC?

We also implemented qualitative research methods to better understand the decisionmaking process for choosing surgery. These results complement the findings from the quantitative component of the study.

2. Background and context

2.1 Male circumcision and HIV prevention

It is estimated that more than 40 million people are currently infected with HIV, the majority of whom live in Sub-Saharan Africa. Despite progress with HIV prevention strategies in a small number of countries, HIV and AIDS (acquired immunodeficiency syndrome) continues to spread (USAID 2005). However, recent randomised controlled trials in South Africa, Kenya and Uganda have provided strong evidence that male circumcision may provide an important way of reducing the spread of HIV infection.

The South African trial was carried out among HIV-negative men aged 18–24 years. Approximately half were randomly assigned to be offered circumcision surgery, while the remainder were left uncircumcised (Auvert *et al.* 2005). After 12 months, researchers found a 61 per cent reduction in risk in men who had received circumcision, when adjusted for behaviour factors. The trial in Kenya resulted in a 53 per cent reduction of HIV infection in circumcised men relative to uncircumcised men, while the trial in Uganda resulted in a 48 per cent reduction in HIV infection (National Institute of Health 2006). All participants in the three studies were extensively counselled in HIV prevention and risk-reduction techniques.

The findings were so dramatic that each study was halted earlier than scheduled on the grounds that it would be unethical to proceed without offering the same procedure to the un-circumcised control group. Anthony Fauci, director of the US National Institute of Allergy and Infectious Diseases, reported,

These randomized studies confirm and show definitively that medically performed circumcision can significantly lower the risk of adult males to contracting [*sic*] HIV. While the initial benefit will be fewer HIV infections in men, ultimately adult male circumcision could lead to fewer infections in women in those areas of the world where HIV is spread primarily through heterosexual intercourse' (NIH 2006).

It has since been noted by experts that these findings also suggest that circumcision can be safely done in Africa. Fauci reported that circumcision is safe and effective 'when performed by medically trained professionals and when patients receive appropriate care during the healing period following surgery' (NIH 2006).

2.2 Cultural practices and prevalence

Circumcision is not only one of the oldest surgical procedures in the world, with records of the practice dating back to pre-Egyptian times, it is also one of the most commonly practised for both religious and non-religious reasons (Marck 1997; Doyle 2005). Studies have shown that, overall, 62 per cent of adult males in Africa are circumcised (Drain *et al.* 2004). There is historical evidence of circumcision as a general practice in all areas of Africa, but especially among the Bantu language groups, comprising the largest linguistic group in Africa. Most often among Bantu speakers, male circumcision is associated with adolescent initiation ceremonies and is seen as a rite of passage from childhood to manhood. Among certain groups, men must become circumcised before they can marry or participate in making community decisions (Marck 1997).

Ethnicity	Mean	Obs.
Chewa	0.09	973
Tumbuka	0.02	326
Lomwe	0.33	612
Tonga	0.06	70
Yao	0.86	462
Sena	0.07	114
Nkonde	0.10	41
Ngoni	0.04	327
Other	0.21	252
Total	0.24	3,177
Source: MDHS 2004		

Table 1 Percentage	e of men	circumcised	in	Malawi
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In Malawi, as in other African countries, circumcision is highly correlated with religion and ethnicity. According to the Malawi Demographic Health Survey (MDHS) in 2004, an average of 24 per cent of men reported being circumcised (Table 1). This is highly correlated with ethnic group, with the majority (86 per cent) of the Yao ethnic group being circumcised, as well as a significant percentage of Lomwes (33 per cent). Circumcision rates are also highly correlated with religion: approximately 93 per cent of Yaos in Malawi are Muslim, as opposed to less than 2 per cent among other ethnic groups (MDHS 2004).

In Malawi, the Yao and the Lomwe typically practise initiation ceremonies for adolescent boys that include circumcision, as well as rituals involving receiving instruction for future life as a man (Stannus and Davey 1913). Other groups in Malawi practise initiation ceremonies, such as the *Gule wamkulu* or *virombo* among the Chewa, although this does

not involve circumcision. In a recent study in Malawi, 21 per cent of boys were circumcised between the ages of 15 and 19 years (Munthali and Zulu 2007). It should be noted that approximately 80 per cent of youth in Malawi have had sex before the age of 18 years, suggesting that, in terms of using circumcision as an HIV-prevention strategy, earlier ages of circumcision might be more optimal (Biddlecom *et al.* 2007).

2.3 Access to medical male circumcision in Malawi

Malawi's national strategy to scale up medical male circumcision – not adopted until 2011, well after this evaluation – has outlined a two-pronged approach: short-term intensive campaigns in target areas, and building circumcision delivery capacity within existing health providers. These providers include Ministry of Health facilities, Christian Health Association of Malawi (CHAM), and non-governmental organisations and private-sector providers (Lawson *et al.* 2008). CHAM and non-governmental facilities typically charge a small fee for their services, which varies by facility. Government facilities officially offer free medical male circumcisions, if the trained personnel are available.

However, in most facilities, VMMC is not available (at least at the time of this evaluation). The Malawi Circumcision Situational Analysis was commissioned by the National AIDS Commission and conducted in 2010 to assess the potential capacity of service providers. That study found that less than 30 per cent of the mission and community hospitals had the capacity to offer VMMC (Bengo *et al.* 2010). Additionally, 'only 4 per cent of the country's medical staff have been trained to carry out the surgical procedure', according to top health officials (IRIN Plus News 2012).

2.4 Measuring the demand for medical male circumcision

Several studies have examined the acceptability of circumcision. One study in South Africa found that 70 per cent of uncircumcised men reported that they would want to be circumcised if it were proven to be protective against sexually transmitted diseases (Lagarde *et al.* 2003). Other similar studies in South Africa, Kenya, Malawi and Zimbabwe found positive attitudes towards circumcision (Nnko *et al.* 2001; Bailey *et al.* 2002; Halperin *et al.* 2002; Rain-Taljaard *et al.* 2003; Ngalande *et al.* 2006). The typical approach in these studies is to ask uncircumcised men if they would be willing to get circumcised. According to acceptability studies across 13 Sub-Saharan African countries, the median willingness to get circumcised was 65 per cent (Westercamp and Bailey 2007). However, given that these are hypothetical questions and answers, it is unclear how these results translate into actual circumcisions (Westercamp and Bailey 2007; Muula 2007).

Between 2008 and 2010, 3,119 medical male circumcisions were reported to have been conducted in facilities across Malawi. This number pales in comparison with the target of 80 per cent circumcision coverage, which would entail circumcising 2 million men in Malawi (WHO 2011). The number of medical male circumcisions conducted might be a proxy for demand, but may also reflect the limited access and lack of supply. Most statistics on VMMC that are reported only provide the number of men circumcised, and do not provide information on how many men chose not to get circumcised; we are missing the denominator that is needed to calculate the demand.

In general, most previous studies have either measured hypothetical willingness to get circumcised, or reported the number of men getting circumcised. Reporting just this

number neglects to measure the denominator of how many men opt not to be circumcised. Our study is the first in our knowledge to overcome both of these challenges.

Informational campaigns have also been found to have aggregate effects on increasing reported desire for circumcisions. For example, in Botswana, respondents were surveyed before and after an informational session that described the risks and benefits of medical male circumcision. In this study, the proportion reporting they would definitely or probably circumcise a child, if free of charge in a hospital setting, rose from 68 per cent before the informational session to 89 per cent after the session. This increase was similar to the change among the uncircumcised men when asked about going for their own circumcision (Kebaabetswe **et al**. 2003). While this suggests that information may have a large effect on willingness to become circumcised, the study collected only reported willingness, rather than information on actual circumcisions.

3. Intervention and evaluation

This section summarises the data collection and analysis methods for the evaluation. All research activities were approved by the University of Michigan Institutional Review Board and the Malawi College of Medicine Research and Ethics Committee. All respondents gave informed consent for their participation.

3.1 Data collection methods

Partner clinic

This study was implemented in partnership with a private clinic that provides family planning and basic health services in 31 branches across Malawi. The provider charges a small fee for cost recovery and began offering VMMC in 2010. The price of VMMC at that time was 950 kwacha (MWK) (approx. US\$6.75 before devaluation²).

Sample

The study was conducted in a working-class neighbourhood in central Lilongwe, within the catchment area of our partner clinic. The sampling strategy consisted of first randomly selecting census enumeration areas within the catchment area. Each selected enumeration area was then divided by neighbourhood blocks, which were then also randomly drawn. For each selected block, a household census was conducted, listing any man between the ages of 18 and 35 years who had slept in the household the night before. Each man was contacted and a screener determined his circumcision status. Only uncircumcised men were eligible.

 $^{^2}$ US\$1=MKW140.74 (2010). In May 2012, the kwacha was devalued by 34%, and US\$1=MKW 258.54.

Baseline survey

The baseline survey was collected in early 2010. A total of 1,634 uncircumcised men were interviewed during the baseline survey, where they were asked about their basic demographics, sexual behaviour and whether they were willing to be circumcised. The survey lasted approximately 45 minutes. At the end of the survey each man was read a sheet listing the services at the clinic, including prices, as well as the operating hours.

Randomisation

Immediately after the baseline survey, each respondent was given a voucher, valid for approximately three months, for a subsidised circumcision at the partner clinic branch. Vouchers were randomised at the individual level. The value of the vouchers ranged from a discount of MWK50 (US\$0.33) to a full subsidy (free circumcision). Figure 1 presents the distribution of vouchers allocated and actually given to respondents by enumerators.





Vouchers contained an ID that could be linked to each respondent, the name of the respondent, as well as an indication that a photo ID would be needed to redeem the voucher.

In addition to the randomisation of the voucher, half of the respondents were randomly assigned to receive comprehensive information about male circumcision and HIV. This information consisted of a discussion about the randomised trials in Kenya, Uganda and South Africa, the mechanisms through which medical circumcision reduces transmission of HIV, and how it is not fully protective against HIV. Those who did not receive the comprehensive information were simply told about the existence of the partner clinic's services and that medical male circumcision was available there.



Figure 2 Information randomisation

Follow-up survey

Follow-up surveys were conducted in 2011 among the men who were interviewed in the baseline. In all, 77 per cent of the men who were interviewed at baseline were reinterviewed one year later. There were no significant differences in the rate of survey completion across the price of medical male circumcision or across the information treatment. The follow-up survey included questions regarding interest in circumcision, experience of circumcision and sexual behaviour.

Clinic data

The partner clinic provided information on each voucher that was redeemed for an adult medical male circumcision up to six months after the start of the baseline survey. There were approximately 41 men whose vouchers were returned to the study team who also had follow-up surveys.

In-depth interviews

Just after the follow-up survey, individual in-depth interviews with a sub-sample of 64 **survey respondents provided additional information on men's decision**-making processes regarding circumcision. The original survey sample was stratified by treatment group and by whether the respondent had been circumcised or sought counselling from the partner clinic in the year following the baseline. A random sample of respondents was drawn from each of those groups. If one of the selected men was not available, an interview was conducted with the next randomly selected respondent from the same group. In total, 64 men were interviewed, 29 of whom had been circumcised since the baseline and 35 of whom had not chosen to get circumcised.

Male Malawian interviewers conducted the interviews, each of which lasted between 45 minutes and three **hours. The interviews took place in the respondents' homes, or** another location of their choosing. With the consent of the interview participants, the interviews were audio recorded.

Interviewers listened to the audio recording and transcribed the interview into English. A project manager read each transcript as it was completed and provided feedback for improving and targeting future interviews.

During each interview, respondents were asked to describe what they knew about circumcision, what they knew about the link between circumcision and HIV, how interested they were in circumcision, what factors motivated them to consider circumcision, what factors dissuaded them from undergoing the surgery, who they spoke with for advice about circumcision, what influenced their final decision and, if they were circumcised, details of the circumcision process.

3.2 Analysis methods

Quantitative analyses

Researchers analysed the baseline, clinic and follow-up survey data using the statistical software Stata, version 11. Non-randomised studies that measure how the demand for preventative health behaviour or the purchase of goods respond to prices or information suffer from potential omitted variable bias. In the case of medical male circumcision, an **individual's unobservable propensity to undergo surgery is related to his underlying risk** preferences, risk type, or demographic or socio-economic characteristics. This makes causal inference difficult. For example, if studying the relationship between information and the demand for male circumcision in a non-randomised evaluation, those who would have more information about medical male circumcision and HIV prevention would likely be those who already had some interest or had thought about the procedure. This would likely bias the estimates upwards, overstating the true causal impact of information. In this report, we illustrate results graphically, although regression results corresponding to the figures are robust to specifications with or without baseline controls or with linear or probit models.

Qualitative analysis

Each of the 64 interview transcripts was read through once to identify common themes among respondents. Qualitative codes were developed based on the common themes. We then read through each interview and applied the codes using HyperRESEARCH, a qualitative coding software. This permitted us to group text by code and review the evidence of each substantive theme. In addition, while reading each interview for the second time, macro-level codes were assigned to each respondent, indicating their level of interest in circumcision. These codes were attributed based on a holistic assessment of the transcript. Finally, as a coding reliability check, a research assistant who was not part of the data collection effort also read through each transcript and assigned macrolevel codes to each transcript. The coding results were compared and discrepancies were resolved through a collaborative review and discussion of the transcripts.

4. Results

4.1 Sample characteristics at baseline and follow-up

The sample is on average almost 27 years old and relatively well educated, completing 11 years of school. Individuals spend approximately US\$140 per month (median of US\$98). Just less than 17 per cent of the respondents are from a circumcising tribe, defined in the Malawi Demographic Health Survey as a tribe with over 20 per cent of men circumcised (MDHS 2010). The ethnic composition of respondents is not representative of the study area due to the fact that only uncircumcised men were eligible for the study. Approximately one third (34.6 per cent) of the men are Chewa, 24.7 per cent Ngoni, 13.5 per cent Lomwe, 12.8 per cent Tumbuka, and the remaining 14.4 per cent include Nkhonde, Nyanja, Tonga, Yao and others (not shown). Almost half of the men (47.6 per cent) reported that they would be willing to become circumcised. This is slightly lower than the median acceptability rate of 65 per cent from circumcision acceptability studies across Sub-Saharan Africa (Westercamp and Bailey 2007), but higher than the Malawi Situational Analysis from Lilongwe, where 37 per cent reported that they would be willing to get circumcised (Bengo *et al.* 2010).

Most men in the sample had had sex at least once (87.5 per cent, not shown), with approximately 1.6 sexual partners in the last year and on average 4.2 sexual acts in the past month. Just less than half of the men (46.2 per cent) reported abstaining from sex in the past month. Of those who reported having sex in the last month, 37.4 per cent said they used a condom the last time they had sex. As an indicator of recent safe sex, we created a variable that indicates if the respondent either abstained in the past month or used a condom the last time he had sex; according to this indicator, 65.9 per cent of respondents are classified as a 'safe type'.

Eight men self-reported to interviewers that they were HIV positive. In addition, 20.6 per cent of men reported that they believed there was a high likelihood that they were currently HIV positive. In total, those who reported being HIV positive or having a high likelihood of being currently HIV positive constitute 21 per cent of the sample. Men were also asked to report how likely they thought it was that they would become infected with HIV in the future. In the sample, 33 per cent believed they faced a low risk of HIV in the future, 37 per cent believed they faced a medium risk, 26 per cent believed they faced a high risk, and 4 per cent reported that they did not know. Almost half (48 per cent) of the men had had an HIV test at least once.

A randomised study reduces this possible selection bias by creating a counterfactual that is composed of the same underlying types in each of the treatment groups. Treatment groups are similar along observable baseline characteristics.

4.2 Take-up of voluntary medical male circumcision

Overall, we find low take-up of medical male circumcision. Out of the 1,634 uncircumcised men interviewed at the baseline, 43 men, or 2.6 per cent, had redeemed vouchers before the expiration date, indicating a medical male circumcision had been performed.³

Out of the 1,252 men who were also surveyed at the follow-up, 26 per cent reported that they had had some interaction with the partner clinic; examples of these interactions are having an actual circumcision, being counselled, making a visit to enquire or making a phone call to the clinic.

In addition, 70 additional men reported having received a circumcision after the baseline survey. Of these, 25 men (23 per cent of the total circumcisions) reported getting circumcised at either a non-partner clinic or traditionally, 9 men (8 per cent of total circumcisions) reported getting circumcised at the partner clinic but after the expiration date of the vouchers, and 36 men (33 per cent of total circumcisions) reported getting a circumcision at the partner clinic while the vouchers were still valid. In total, this gives an upper estimate of 111 men or 8.9 per cent receiving a circumcision, either from self-reports or clinical records.

³ Note that some studies have found mis-reports of circumcision status, in which case circumcision may be overstated (Hewett *et al.* 2012). However, other studies have found self-reports to be a valid measure of circumcision status (Templeton *et al.* 2008). We use clinical records as our main outcome, although no results change if we additionally use self-reports of circumcision at the partner clinic before voucher expiration.

		Number	% of full	
		of men	sample	
Panel A: Full sam	<u>nple (N=1,634)</u>	(1)	(2)	
Clinic data	Circumcised	43	0.0263	-
				% of total
			% of	(clinic or
		Number	follow-up	survey
		of men	sample	circumcisions)
Panel B: Follow-u	<u>up sample (N=1,252)</u>	(1)	(2)	(3)
Clinic data	Circumcised	41	0.033	0.369
Survey data	Any interaction with the partner			
	clinic about circumcision	326	0.260	N/A
	Circumcised at non-partner clinic	25	0.020	0.225
	Circumcised at partner clinic			
	after validity period	9	0.007	0.081
	Circumcised at partner clinic			
	during validity period	36	0.029	0.324
Total (clinic or				
survey)	Circumcised	111	0.089	

Table 2 Voluntary medical male circumcision take-up

Figure 3 plots the take-up of medical male circumcision by price as measured by the clinic data and by self-reports. In this figure, 'free' indicates that an individual was offered a free circumcision, and 50, 100, 200, 500, 900 are the amounts that were required to be paid for the surgery at the partner clinic. Take-up increases slightly – although not significantly – among those having to pay a small amount and then declines monotonically thereafter with increasing price. No one was circumcised (as measured by the clinic data) who had to pay the highest amount.

Figure 3 Response to prices



There are large and significant effects of price on having any interaction with the clinic. By receiving a higher subsidy, individuals may have been more likely to approach the clinic for more information or counselling even if they did not choose to get circumcised at the end of that enquiry process. Every dollar (approximately MWK150) increase in price reduces interactions with the clinic by 2.2 percentage points. Those offered free circumcisions are 12.4 percentage points more likely to have had any interactions with the clinic than those offered a circumcision at MWK900.

In terms of actual circumcisions as measured by the clinic's records, every dollar increase in price reduced the likelihood of take-up by almost one percentage point. Those offered a free circumcision were 3.1 percentage points more likely to adopt than those offered a circumcision for MWK900, while those offered a price of MWK50 were 4.1 percentage points more likely to be circumcised.

Figure 4 Response to information



In terms of the response to information, the only significant effect was on circumcisions measured by the clinic data. Those who were given the comprehensive information were 1.4 percentage points more likely to get circumcised than those who were not given the information.

4.3 Determinants of take-up

Determinants of take-up

One of the most important predictors of getting circumcised was openness to a circumcision, defined as reporting willingness to be circumcised at the baseline. Those who reported being willing to undergo circumcision at the baseline were between 2.6 and 3.1 percentage points more likely to receive a circumcision, as reported by the clinic, and almost 9 percentage points more likely to have had any interaction with the clinic.

There is no statistically significant effect of age on actual take-up, despite the large proportion of men at the baseline who stated being 'too old' as a reason not to get circumcised. This result should be viewed in the context of our sample, which only included men between ages 18 and 35 years. Moreover, most men, when stating they were 'too old', were comparing themselves to the age at which most Malawian boys are traditionally circumcised: between 10 and 18 years old.

While opportunity cost may be an important factor for the decision to get circumcised, data on income or employment is unavailable. Total household expenditure – included in the regressions – is one proxy for these other variables. Expenditures are not associated with circumcision take-up. This is somewhat contradictory to the finding that take-up was so responsive to price, suggesting that credit constraints may be important. One explanation may be that measurement error in expenditure data biases the coefficient towards zero. Another possibility is that the immediate small costs are more important than the actual ability to pay. We have some evidence of this. Men who were circumcised at the partner clinic were asked what their perceived opportunity cost was of receiving the surgery (i.e. lost wages); on average they reported MWK11,000 (approximately

US\$73; not shown). Expanding the sample to men who reported getting circumcised anywhere (i.e. including self-reports), they reported a loss of MWK14,720 (US\$98). In both cases, the median reported opportunity cost is MWK5,000 (US\$33). In contrast to these estimates, the voucher amounts are quite small.

Distance to the clinic is negatively associated with take-up, but not with having any interaction with the clinic. Having heard of someone getting a circumcision at the clinic is also significantly associated with getting circumcised or having any interaction at the clinic.

Those who have ever had an HIV test are 6.4 percentage points more likely to have any interaction at the clinic, potentially indicating selection on risk preferences. However, there is no relationship between prior HIV testing and actual circumcisions. There is also no significant effect of beliefs of being infected on getting a circumcision, or an interaction between beliefs and having been tested for HIV.

However, the in-depth interview responses demonstrate that risk of HIV is seen as an important motivator for circumcision. Benjamin explained that he got circumcised because of his fear of HIV.

Most of the people that are being found to be HIV positive these days are the youth. Most of them are less than 25 years old, which is our group, we youth. Things are not ok, so without circumcision, eishh! So for me I support circumcision.

Benjamin, respondent

Many of the interview respondents who had not undergone a circumcision also explained that protection from HIV was the reason they were still interested in getting the surgery. They explained that other methods of HIV prevention were not always adequate, so they wanted the added protection of circumcision. In particular, many described the **limitations of condoms and an inability to trust one's sexual partners.**

Lastly, we find that those who used a condom at last sex were significantly more likely to get circumcised – when the definition of circumcision is expanded to include self-reports. Our data are limited given the small take-up rate, but the extent of selection based on *ex-ante* risk would significantly affect the efficacy of medical male circumcision rollout, and is important for future studies and programmes to consider.

In the in-depth interviews, a majority of those who had chosen to be circumcised expressed that they had been interested in circumcision even before the arrival of the research team. They were happy to receive the vouchers because they provided financial assistance and additional motivation to get circumcised. Thomas was happy when he received the voucher.

I received it happily because at that time I also had the thoughts to do things like these [to get circumcision], yeah. So, when I received that voucher I was very happy to say, 'Maybe now I can do the things I wanted freely, yeah.

Thomas, respondent

As evidenced in the quantitative results, those who were open to circumcision were more likely to take advantage of the opportunity provided by the research project.

Other barriers to take-up

In addition to the cost of the circumcision surgery, during the in-depth interviews men reported several other barriers to undergoing circumcision. First, among the interview respondents who had not been circumcised in the year following the baseline survey, approximately half reported having no interest in circumcision. This corresponds with the finding from the baseline survey that about 50 per cent of respondents were not willing to be circumcised. Matthews, one of the respondents who did not get circumcised, said, **'I don't even desire to do it in any way even though it is good and I know its advantage.** But for me to go and get it, no, I don't do that.' He explained that he was not interested no matter what the benefit of circumcision.

Other interview respondents continued to express interest in circumcision. However, opportunity costs, fear, lack of accurate information and inadequate service provision prevented them from acting on their stated desire to get circumcised.

Opportunity costs: Part of contemplating circumcision is considering the opportunity costs associated with the surgery. After the procedure, men are typically out of work for approximately one week while their wound heals. Many respondents were unable to prioritise circumcision over a week of income generation opportunities because they use their daily earnings to feed themselves and their families.

I have a family and one child, I pay rent, and everything I do it on my own. So I say; aah, with that, if I can go to the hospital to do that [get circumcised] how am I going to pay rent, what am I going to eat?

Michael, respondent

Before undergoing the surgery, men explained that they would have to save for the impending income loss. Such planning requires a high degree of commitment.

Fear: Many men expressed fear of pain and of the potential for botched surgery. Some of the respondents described images of worst-case scenarios that discouraged them from seeking a circumcision. For example, Zachariah said, 'My only fears concerned the outcome of poor surgery, which would consequently lead to one being disabled and that would compel the surgeons to completely cut the whole thing off.' Intense fear discouraged the respondents from making circumcision a priority.

Availability of accurate information: Often men's fears were compounded by the spread of rumours and by difficulties in obtaining accurate information about the process and/or outcome of the circumcision surgery. Men reported receiving a lot of conflicting information. Juma gave a detailed explanation of his decision-making. When he got the voucher for circumcision from the research team, he first went to his friends for advice. Some of his friends relayed rumours they had heard about circumcisions gone wrong, while others encouraged him to get the surgery. He described his considerations when deciding whether or not to get circumcised.

Obviously the first thing was what my friends told me that once I get circumcised the wound would not heal and eventually my private parts will start to disintegrate up to the point that they will just cut them so as to prevent me from dying. Then I said to myself that it was not worth dying for. I said I was going to think deeply over this. And then I asked another person, then another one, and again another one, then I said I think the other one was telling me lies. Then I said this one is telling the truth, just like this one is also saying the truth. I said to myself that I was still going to get the real answer.

Juma, respondent

Like other respon**dents, Juma's decision**-making was delayed because he had to seek information from multiple sources and sort through conflicting information and advice.

Unreliable service provision: The provision of circumcisions at the partner clinic was often unreliable. Most of the men who got circumcised had to return to the clinic multiple times before getting the surgery. One interview respondent, Prince, tried several times to get circumcised at the partner clinic and finally gave up.

I went there and I was told the doctor was not available. I waited for an hour and later left. I went there the following morning where I produced the voucher and had to wait again for an hour or so and the doctor did not show up. I was told to wait because the doctor was coming. I went there again. I really wanted to do it but the person [doctor] I was looking for was not available. This is what brought this whole thing to a halt.

Prince, respondent

To meet the goals of ongoing circumcision campaigns, supply of circumcision services will need to be scaled up dramatically.

At the baseline, men who reported that they were unwilling to get circumcised were asked why they were unwilling. The most common answers were cultural or religious reasons, fear of pain, being too old or just not wanting to get a circumcision.



Figure 5 Reasons against medical male circumcision

To gain insight into the low overall take-up, we examine how offering the vouchers and the comprehensive information affected attitudes towards medical male circumcision.

Men at the follow-up – who had not undergone a circumcision – were again asked whether or not they would be willing to be circumcised. Approximately 75 per cent reported they would be willing to get circumcised, despite the fact that they had not yet done so (not shown). Those who were unwilling were asked why they were unwilling and those who reported being willing were asked why they had not yet received a circumcision. We pool these responses together; there are some differences in responses across the two groups of men, but these are not large enough to change the main results (not shown).

There were no significant effects of information or price on cultural or religious reasons, the fear of pain, believing one is too old, or just simply not wanting to be circumcised. Importantly, these were the most commonly stated reasons for not getting circumcised at the baseline.

Prices had some effects on reported barriers to circumcision. Those who were offered less expensive circumcisions were less likely to say expense was a barrier. They were also more likely to report being too busy.

Information also had effects on barriers to medical male circumcision. Those receiving the comprehensive information were more likely to say that they were not at risk, less likely to say that **they didn't have enough information, and** more likely to report that a family member objected to the surgery. In total, there was a small significant increase in the total number of barriers or reasons given among those who were provided with the comprehensive information.

Importantly, there was no impact of either information or price on expressing any positivity towards circumcision – as coded from the open-ended questions – or on the willingness to be circumcised.

Table 3 Attitudes towards circumcision

Dependent variable: Barrier to circumcision due to	Culture or religion	Fear of pain	Too old	Just don't want	Too expensive	Lost or expired voucher	Too busy	Not at risk	Not enough info	Family objects	Number of reasons	Positive about VMMC	Willing
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Information	0.03	0.009	0.004	0.016	0.014	-0.002	-0.044*	0.023***	-0.043*	0.043***	0.059*	0.017	-0.016
	[0.030]	[0.027]	[0.013]	[0.014]	[0.012]	[0.014]	[0.026]	[0.009]	[0.025]	[0.016]	[0.033]	[0.018]	[0.025]
Free	-0.046	-0.031	0.739	0.7772	0.198	0.25	0.103***	-0.005	-0.024	-0.018	-0.072	0.011	0.019
	[0.047]	[0.043]	[0.025]	[0.030]	[0.033]	[0.020]	[0.038]	[0.016]	[0.038]	[0.034]	[0.044]	[0.029]	[0.046]
MWK50	0.00	-0.031	-0.005	-0.023	-0.052	0.034*	0.080*	-0.008	0.006	0.002	0	0.029	0.011
	[0.051]	[0.039]	[0.028]	[0.028]	[0.037]	[0.020]	[0.044]	[0.016]	[0.047]	[0.035]	[0.054]	[0.027]	[0.041]
MWK100	4.284	7.1278	0.884	0.902	0.949	0.8428	0.077*	-0.007	0.007	-0.025	-0.045	0.028	0.04
	[0.065]	[0.042]	[0.021]	[0.032]	[0.034]	[0.024]	[0.042]	[0.016]	[0.041]	[0.036]	[0.058]	[0.028]	[0.045]
MWK200	-0.046	-0.03	-0.019	-0.013	-0.04	0.004	0.101**	-0.024	-0.015	0.006	-0.072	-0.01	0.064
	[0.051]	[0.045]	[0.028]	[0.030]	[0.039]	[0.018]	[0.043]	[0.014]	[0.054]	[0.039]	[0.061]	[0.028]	[0.048]
MWK500	-0.01	-0.057	0.005	-0.039	-0.046	0.02	0.068*	0.028	-0.003	0.041	-0.011	-0.008	0
	[0.055]	[0.041]	[0.029]	[0.033]	[0.035]	[0.021]	[0.035]	[0.024]	[0.048]	[0.039]	[0.051]	[0.026]	[0.050]
Observations	1075	1074	1074	1074	1078	1074	1076	1074	1079	1074	1074	1074	1252
R-squared	0.06	0.02	0.03	0.04	0.05	0.04	0.04	0.04	0.03	0.04	0.05	0.02	0.12
Incl. controls?	Y	Y	Y	Y	Y	Υ	Y	Y	Y	Y	Y	Y	Y
Ave of dep variable	0.270	0.146	0.048	0.061	0.046	0.049	0.170	0.019	0.230	0.088	1.128	0.083	0.747

Notes:

Robust standard errors clustered by block. Control variables include: age, age squared, logged total expenditures, years of schooling, whether the respondent is of a circumcising tribe, whether the respondent reported he was willing to be circumcised, whether the respondent thought his risk of having HIV was high, whether the respondent had ever had an HIV test, the interaction of belief of high risk and having an HIV test, whether the respondent had heard of anyone who had been circumcised at the partner clinic, whether the respondent correctly believed that circumcision was associated with lower risk of HIV, distance to the clinic, and indicators of being low risk and high risk. We also include circumcision price indicators and an information treatment indicator. For covariates with missing values, the median has been inputted, and a dummy included for whether or not the covariate is missing. * significant at 10%; ** significant at 5%; *** significant at 1%. MC = male/medical circumcision. Interaction with the partner clinic includes medical male circumcision, counselling, visits or phone calls.

These results help to explain the low take-up in this study and why the information and price interventions were unable to increase it substantially. Although many men state that they are willing to get circumcised, in actuality providing comprehensive information about the benefit and providing free clinical circumcisions are not enough to reduce the main barriers that constitute over half of the stated reasons against circumcision.

It is important also to note that there may have been administrative or logistical barriers to take-up as well. Because the voucher was only valid for three months, men may have demanded a circumcision at a different time or season when the opportunity costs were lower. Additionally, there were some reports that men were unable to schedule a time at the clinic when the clinician was available. This speaks to the importance of the need to promote both demand and ensure supply of medical male circumcision services. Among those men who made any contact with the clinic, there was an average of 2.25 calls made to the clinic, 2.12 visits, and 1.9 attempts for surgery. Even among those who eventually got circumcised it took some effort; these men made 1.75 calls, 1.33 visits and 2 attempts at surgery.

5. Recommendations and conclusions

This report measures the demand for medical male circumcision and the response to price using a randomised trial. The study findings provide insights into the delivery and demand for circumcision in the setting of an actual health provider. Overall, the demand was relatively low, ranging from 3.3 per cent based on clinic data to 8.9 per cent on clinic and self-reported data. This is particularly low when compared with rollout campaigns in other areas of Sub-Saharan Africa, such as Kenya, and relative to the targets set for medical male circumcision rollout strategies. Importantly, those who were most open to circumcision and those who were safer types as determined by sexual behaviour were more likely to adopt medical male circumcision. Although the delivery of services was unreliable at times, the results from this intervention provide important new information relevant for policymakers interested in scaling up medical male circumcision. Below we discuss the main lessons learned and recommendations.

• Price was not the only barrier to receiving a male circumcision, but it was certainly a major barrier for some.

Current policies from some donors, such as the US President's Emergency Plan for AIDS Relief, require circumcisions to be provided free of charge, which is likely to have impacts on increasing demand. However, we found strong interaction effects with price and risk of HIV infection, such that lowering prices is more likely to attract those who will yield the least benefit from the protection given by medical male circumcision. It should be noted that opportunity costs are likely to be far greater than the actual costs of circumcision and our results are not informative for predicting responses to 'negative prices' or financial incentives.

• Providing information was not enough to stimulate demand for medical male circumcision.

Given the results in this paper, other interventions for medical male circumcision should be rigorously evaluated to determine their effects on increasing demand. There is some experimental evidence that suggests that merely providing information is not an effective strategy to promote demand. In this study, in addition to randomising the price of medical male circumcisions, intense information about the protective benefits of male circumcision was randomly disseminated to respondents at the end of the baseline survey. Despite the detailed information given out, overall adoption of male circumcision remained low. There was a significant impact of receiving the information on take-up, but this effect was small. These results are similar to a separate study in which information about male circumcision and HIV was given to respondents, randomly allocated by village, in rural Malawi. There was no significant difference in the take-up of circumcisions among uncircumcised men one year after the information was disseminated (Godlonton *et al.* 2012).

• The decision to become circumcised currently requires time for consideration and a high degree of motivation.

In the qualitative interviews, several respondents explained that the decision to get circumcised takes time. In the current social environment of urban Malawi, where medical male circumcision is uncommon, it can take time for men to decide whether they want to prioritise circumcision. For example, Thomas used his voucher to get circumcised, but he admitted that he had wanted a circumcision for 1.5 years before the arrival of the research team and had never attempted to get the surgery. He explained his period of inaction by saying that it takes people time to accept a new social practice.

Yes, there is something I would like to add and it is that when you people are doing research there is need for you to tell the people things *zogwiramtima* [that touch their heart]. We people have difficulty to understand what we knew a long time ago to be changed within a matter of a day; it is something difficult....Because when you are putting into the mind of a person something that you are saying is good, you have to oppose something that he knows before you tell him, you see that? Or what their parents told them, yeah.

Thomas, respondent

He highlights the fact that the new messages about circumcision conflict with previous understandings of the procedure, learned from older generations, as a practice that was conducted only on young Yao or Muslim boys. With the promotion of medical male circumcision as an HIV prevention strategy, circumcision has become an important option to many men for whom it was previously an irrelevant practice. Thomas explained that it takes time for people to adjust to a new understanding of an existing social practice.

As demonstrated in the quantitative analyses, this resulted in a select group of men who opted for circumcision. The decision-making process for men contemplating circumcision is likely to change, however, as take-up increases and VMMC becomes a more common practice. There is a need for additional studies of selection and take-up at later stages of the scale-up of VMMC for HIV prevention.

It is important to note that the results in this report may not generalise to other Sub-Saharan African countries or to other service delivery models. In addition, these results are among the very first adopters and the findings may not generalise to other contexts or to later in the adoption process. However, the findings do provide the first rigorous estimates of the demand for medical male circumcision and shed light on some of the real challenges for scaling up circumcision coverage to meet global targets.

With the goal of reducing HIV infections, scaling up medical male circumcisions has become a high priority. However, there must be joint efforts on both increasing demand, particularly among high-risk groups, and ensuring a reliable supply of quality services during scale-up. We have shown that reducing the price to zero was not sufficient to reach targeted levels of medical male circumcision coverage. How to incentivise high-risk adult men in endemic areas to get circumcised is an important question for future research.

Appendix A: Sample design

The study involves approximately 1,600 men living in the catchment area of a partner clinic in Lilongwe, Malawi. While this population is not representative of the overall male population of Malawi because they live in a peri-urban centre, in order to start the scaleup of the programme, we focus among those who are able to reach the partner clinic. Our randomisation is at the individual level, which helps to increase power for statistical analysis. While spillovers, particularly in terms of information, may be a concern, we will collect GPS coordinates of the men to measure neighbourhood effects of living in the vicinity of those receiving the information about male circumcision (Miguel and Kremer 2004). In addition, our questionnaires at baseline and in the clinic will help to measure potential information spillovers.

Appendix B: Survey instrument: household listing

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Appendix C: Survey instrument: baseline survey

Study No.: HUM00030672

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R.11a R.11b R.12 R.13 R.14	In what	area doe 1. Old to 2. City C hat is the have (or 1. Yes 0. No lease rec - Date (DI	is the respond wm	ent work (]3. Kaner]4. Bwalo lace at w a cellpho	if he is not a ngo i la Njovu nich he work ne? d name of a HH Listing	b. <u>Ify</u> b. <u>Ify</u> b. <u>Ify</u> b.urre (Ifresp please member o g Visit (1)	t home)? 5. Biwi 6. With 6. With bords or f bondent f capture f the hou Phone	triangle in Kaw is your future p has mui future p has mui sehold numbe Visit 2	ale (his) nu ber con rrojects. Itiple ph Go I or a ne r: 2	mber: fidential one nun to R.14 sighbor o	99. Other and only unbers n which ye Visit 3	er. Specif ise for 	fy: e reached: 	t 4	
R.11a R.11b R.12 R.13 R.14	In what	area doe 1. Old to 2. City C hat is the have (or 1. Yes 0. No lease rec - Date (Di Informat	is the respond wm	ent work (]3. Kaner]4. Bwalo lace at w a cellpho	if he is not a igo I a Njovu nich he work ne? d name of a HH Listing	vailable a 	t home)? 5. Biwi 6. With 6. With bords or f bordent h capture f the hou Phone	triangle in Kaw is your is num future p has mul all) usehold numbe Visit :	e (his) nu ber con ltiple ph Go o r a ne r: 2	mber: fidential one nun to R.14 eighbor o	99. Other and only un thers in which ye Visit 3	er. Specif ise for 	fy: e reached: Visi	±4	
R.11a R.11b R.12 R.13 R.14	In what	area doe 1. Old to 2. City C hat is the have (or 1. Yes 0. No lease rec Date (D) Informat	is the respond wm	ent work (]3. Kaner]4. Bwald lace at wi a cellpho	if he is not a ligo la Njovu nich he work ne? d name of a HH Listing	b. If ye b. If ye We wi vur ret (If resp please member o	t home)? 5. Biwi 6. With 6. With bondent H capture f the hou Phone	triangle in Kaw is your is num future p has mui future p has mui sehold numbe Visit 2	e (his) nu rojects. Itiple ph or a ne r: 2	mber. fidential one nun to R.14	99. Other and only un thers m which ye Visit 3	er. Specif ise for 	fy: e reached: Visi	t 4	
R.11a R.11b R.12 R.13 R.14	In what	area doe 1. Old to 2. City C hat is the have (or 1. Yes 0. No lease rec 	is the respond wm ientre name of the p does he have; ord a phone n D/MM/YY) ion day? Time (24hr clo	ent work (]3. Kaner]4. Bwald lace at wi a cellpho umber and ck):	if he is not a ngo i la Njovu hich he work nne? d name of a HH Listing	b. <u>If yr</u> b. <u>If yr</u> We wi our rec (If resp please member o	thome)? 5. Biwi 6. With 1 keep th 1 keep	triangle in Kaw is your future p future p all) usehold numbe Visit :	e ale (his) nu ber con rojects. Itiple ph or a ne r: 2	mber: mber: fidential one nun to R.14 ighbor c	99. Other and only unbers n which ye Visit 3	r. Specil	fy: e reached: Visi	44	
R.11a R.11b R.12 R.13 R.14	In what	1. Old to 2. City C 2. City C 4. City C 4. City C 1. Yes 0. No 1. Yes 0. No 1. Yes 0. No 1. Yes 0. No 1. Current 1. Current 1. Current	is the respond wm ientre i name of the p does he have; ord a phone n D/MM/YY) ion day? Time (24hr clo	ent work (]3. Kaner]4. Bwalo lace at wi a cellpho umber and ck):	if he is not a ngo i la Njovu nich he work nich he work nice?	b. If ye b. If ye We wi our ret (If resp please member o	thome)? 5. Biwi 6. With I keep th I	triangle in Kaw is your future p all) usehold numbe Visit :	ale (his) nu ber con rojects. Itiple ph or a ne r: 2	mber: fidential one nun to R.14	99. Other and only unbers n which ye Visit 3	r. Specificities for	fy: e reached: Visi	<u></u>	
R.11a R.11b R.12 R.13 R.14	In what	area doe 1. Old to 2. City C 4. City C 4. City C 4. Yes 0. No Case rec 	is the respond win	ent work (]3. Kaner]4. Bwalo lace at wi a cellpho umber an	if he is not a ligo i la Njovu nich he work nich he work	b. <u>If ye</u> b. <u>If ye</u> We wi our re- (fresp please member o	thome)? 5. Biwi 6. With I keep th I	triangle in Kaw is your future p all) usehold numbe Visit 2	e (his) nu ber con rojects. Itiple ph or a ne r: 2	mber: fidential cone nun to R.14 ighbor o] 99. Other and only un hers n which ye Visit 3	r. Specification of the specif	fy: e reached: Visi	tt 4	
R.11a R.11b R.12 R.13 R.14	In what	area doe 1. Old to 2. City C 1. Yes have (or 1. Yes 0. No case rec 	is the respond wm	ent work (]3. Kanes J4. Bwalo lace at wi umber an umber an cok);	if he is not a ngo I a Njovu nich he work ine?	xvailable a cs? b. <u>If vy</u> We wi We wi We wi We wi with the second	thome)? 5. Biwi 6. With 15. With 15. What is 15. What is 15. Biwi 15.	triangle in Kaw is your is num future p nas mui all) usehold numbe Visit :	e (his) nu ber con rojects. Itiple ph or a ne r: 2	mber: fidential cone nun to R.14]99. Oth and only to nbers n which yr Visit 3	ise for - - - - -	fy: e reached: Visi	44	
R.11a R.11b R.12 R.13 R.14	In what	area doe 1. Old to 2. City C 2. City C 1. Yes 0. No dease rec 	is the respond wm	ant work (]3. Kanera J4. Bwalco lace at wi a cellpho umber an-	if he is not a ngo I a Njovu nich he work nne? d name of a HH Listing	vailable a	thome)? 5. Biw 6. With 6. With 1. Keep th 1. Keep	triangle in Kaw is your is num future p usehold numbe Visit :	a (his) nu ber con rojets. I or a ne r: 2	mber: fifdential informenum to R.14]99, Other and only L nbers n which ya Visit 3	r. Specification of the second	y: e reached: Visi		

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Study No.: HUM00030672

	S.Starter
Part o	f this study is on your background experiences. Just a few questions for you before we start.
S.1	On a scale from 0 - 10, with 0 being very unhappy and 10 being very happy, how happy are you right now?
	Scale (0 - 10):
\$ 2	What is your favourite football team in Malawi? (No abbreviations, please write out in full)
	nena la judi nevolne luciosi cam in manene de accenticita, prese vene ou ni uni)
	Name
S.3	What is your date of birth (day, month and year)?
	D D M M Y Y Y Y 398. Don't know date Age:
5.4a	Do you have a voter identification?
	1. Yes
	0. No
	1. Yes (Specify) 0. No
	Model is your atheir annua?
5.0	
	1, Chewa3, Tumbuka5, Ngoni7, Sena199, Other:
	2. Yao 4. Lomwe 6. Senga 8. Tonga
Now,	am going to ask you about your circumcision status. Circumcision is the removal of the foreskin from the penis. This can be
condu	cted in the clinic or traditionally (in the bush).
5.6	Are you circumcised?
	0. No 98. Don't know
S.7	It is quite common for men who get circumcised not to S.8 Would you ever get circumcised?
	have the whole foreskin removed
	1. The entire foreskin
	2. Only some of the foreskin
	S,9 What are some of the reasons that you would not get circumcised?
	A. The pain will be too great G. I am too old
	Go to \$.10
	b. it would be dad for my healthhr, if an air ald of dying
	C. I don't agree with the I. Waste of money
	D. Women won't like it J. Encourages pre-marital se
	E. It is too expensive 99. Other.
	F. I don't trust the doctors at
	the clinic Costo S 40
5.10	Have you fathered any children?
	1. Yes 0. No Go to \$.12
5.11	How many children have you ever fathered?
	A. Number of Boys B. Number of Girls.
	Internitions Charle Union examples A Clin the example data timestand
a.12	niterviewer check, osing quesuon a.a is the respondent circumcised?
	1. Yes
10	Interviewer Ober to Deer terminal in Brand will be raid symbol (4.0.5.7.00)
5.7.5	interviewer Grieck, Does respondent in end wan an odd number (1,3,5,7,9)?

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Study	No.: HI	MODO	30672

	A. Background
A,1	in which district were you born?
	District Name:
A.2	What is your religion?
	1.Catholic 5. Baptist 8. Church of Christ 11. Jehovah's 0. No religion
	2: Muslim 6: Anglican 9: Seventh Day Adventist
	99. Other. Specify Go to A.5
	Selector
A.3	What is the name of the church/mosque that you currently attend?
	Interviewer Instructions: Please be as specific as possible.
	Name Area:
A.4	How frequently do you attend services and activities held at this church/mosque - More than once a week; Once a week; 2 - 3 times per week; Once a month; or Less than once a month?
	1.More than once a week 3. 2-3 times per week 5. Less than once a month
	2. About once a week 4. About once a month
A.5	What is the highest level of schooling you have completed?
	0. None 3. Std 3 6. Std 6 9. Form 1 11. Form 3
	1. Std 1 4. Std 4 7. Std 7 10. Form 2 12. Form 4
	2 Stid 2 5 Stid 5 8 Stid 8 113 College or more
	Go to A.8
A.6	Can you read a letter written in:
	A. Chichewa? 1. Yes 0. No B. English? 1. Yes 0. No
A.7	Can you write a letter in:
	A. Chichewa? 1. Yes 0. No B. English? 1. Yes 0. No
A.8	Which of the following applies to your current living situation?
	Read options and mark all that apply A Own my home on Kawala I to Yes II No. D Own a home outside of Kawala I to Yes II No.
	(family)
	B. Live with relatives mends 1. Yes 0. No E. Work at the nome 1. Yes 0. No
	C. Payrent I. TesU. No P. Other. Specify.
A,9	Do you have electricity in the household in which you reside in Kawale?
	1. Yes 0. No
A.10	Now if d like to talk a little about how you earn your living and your economic situation. Let's talk about the household items that you and your boucehold have. Do you and/or your bousehold own any of the following items?
	nousenoid nave, bo you anaroi youn nousenoid dwn any o die tonowing neins:
	A. Does your household own any of the following items? B. If yes, how many?
	A Sofa
	D. Working Car 0. No 1. Yes
	E. Working Computer/Laptop 0. No 11 Yes
	G. Working Hotplate/Stove 0. No 1. Yes
	H. Working Refrigerator 0. No 1. Yes
Now I	would like to ask you about what you personally spend

A.11 Approximately how much did <u>YOU</u> spend in the past month in total (this includes money you spent on yourself or others) on:

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								Kwa	cna		
	A. Clothes, fabric, or shoes					A	-				
	B. Medical expenses at a c	inic, doctor, pharma	acy, singan:	a		в	_				
	C. Expenses on food: maize	es, meat ndiwo, eat	ing out			C.		_	_	-	
	D. Expenses on transportat	on				D.	_				
	E. Air time (This should incl please also report even i	ude all units spent f you don't own a pi	including th hone)	at at a phon	e booth,	E	-				2
A.12	How would you compare this hou others, slightly better than others Read out all options a	isehold's current fin , about the same, s nd mark one	ancial situa lightly wors	tion to that o e, or much v	of other h vorse?	ousehold's	s in Kaw	ale, would	d you sa	ay much	better than
	1. Much better than mos	3. A	bout the sa	me as most		5. Muc	h worse	than mos	st		
	2. Slightly better than mo	st 4.S	lightly wors	e than most		98. Do	n't knov	(if VOL)			
A.13	Now, I am going to ask you som I would like to know your best gu Do you think that you will live up	e questions about w ess. to: Ade Ye	matyou mig es No	phtexpectio	happen	in the futures No	re. Som Dk	etimes the	e future Yes	is diffici	llt to know, but Dk
	Interviewer: Ask for each age	40 1	0	88	65 1	0	88	85	1	0	88
	until R answers 'No".	45 1	0	88	70 1	0	88	90	3	0	88
		55 1	o	88	80 1	0	88	100	à	o	88
A.14	Current Time:	60 1	0	88				l			
A.15	Interviewer Check: Is the Respondent Circumcised?		1. Yes	-		THE INT	ERVIEV	/ - Go to		1	
			0, No								
There	are many types of different type	B. Ge	0, No eneral	Sexual Ing in Malar	Beha wi. Gens	avior erally our s	exual i	nteractio	ns also	chang	e over time
There and pa We wil like to neithe	are many types of different type ist experiences dont necessarily Il not be asking for the name of encourage you to answer as tru r your neighbors nor your sexua	B. Ge s of sexual interac y define our currer your sexual partne thfully as possible il partners will find	0, No eneral titions exisi nt sexual in ers nor how e bearing in t out.	Sexual tng in Malar teractions, / they relate n mind that	Beha wi. Gene We wou to you all infor	avior erally our s Id like to a (i.e. wheth mation sha	sexual i isk you er you ared he	nteractio about yo are marri re will be	ns also ur sex ed to th kept c	chang ual hist nem or i onfiden	e over time ory generally. not). We would tial and
There and pa We will like to neithe First s	are many types of different type ist experiences dont necessarily I not be asking for the name of encourage you to answer as tru r your neighbors nor your sexua ome questions for you, even if y	B. Ge s of sexual interact define our currer your sexual partne thfully as possible il partners will find ou have never have	D, No eneral titions exisi nt sexual in ers nor how e bearing in t out. d sex	Sexual tng in Malar teractions, / they relate n mind that	Beha wi. Gene We wou to you all infor	avior erally our s Id like to a (i.e. wheth mation sha	sexual i isk you er you ared he	nteractio about yo are marri re will be	ns also ur sex ed to ti kept c	o chango ual histo nem or i onfiden	e over time ory generally. not). We would fial and
There and pa We will like to neithe First s B.1	are many types of different type ist experiences dont necessarily in ot be asking for the name of encourage you to answer as tr r your neighbors nor your sexua ome questions for you, even if y In the past <u>year</u> , how many wom with and those that you did not.	B. Ge s of sexual interact define our currer your sexual partne thfully as possible al partners will find you have never had en have wanted to a	0, No eneral stions exisi nt sexual in ers nor how e bearing ir d out. d sex sleep with y	Sexual tng in Malar teractions, they relate mind that ou? This sho	Beha wi. Gene We wou to you all infor	avior erally our s ild like to a (i.e. wheth mation sha ude all won	sexual i isk you er you ared he nen incli	nteraction about yo are marri re will be uding both	ns also ur sex ed to th kept c	o changu ual histo nem or i onfiden with wh	e over time ory generally. not). We would tial and om you slept
There and pa We wil like to neithe First s B.1	are many types of different type ist experiences dont necessarily in ot be asking for the name of encourage you to answer as tru- r your neighbors nor your sexual ome questions for you, even if y in the past <u>year</u> , how many wom with and those that you did not. Number:	B. Ge s of sexual interact define our currer your sexual partne- thfully as possibli- il partners will find ou have never have en have wanted to s	0. No eneral titions exisi nt sexual in tres nor how e bearing ir d out. d sex sleep with y	Sexual tng in Malar teractions. / they relate n mind that ou? This sho	Beha wi. Gene We wou to you all infor	avior erally our s ild like to a (i.e. wheth mation sha ude all won	sexual i isk you er you ared he nen incli	nteraction about yo are marri re will be uding both	ns also ur sex ed to ff kept c i those	ochang ual histo rem or i onfiden with wh	e over time ory generally. tot). We would tial and om you slept
There and pa We will like to neithe First s B.1 B.2	are many types of different type sit experiences dont necessarily il not be asking for the name of encourage you to answer as tru- r your neighbors nor your sexua ome questions for you, even if y in the past <u>year</u> , how many wom with and those that you did not. Number: In the past <u>month</u> , how many wo with and those you didn t.	B. Ge s of sexual interact define our currer your sexual partne thfully as possible il partners will find you have never had en have wanted to so men have wanted to	0. No eneral itions exisi nor how e bearing in t out. d sex sleep with y o sleep with	Sexual trig in Malai teractions, they relate to mind that ou? This sho you? This :	Beha wi. Gene We wou to you all infor	avior arally our s ild like to a (i.e. wheth mation sha ude all won	sexual i Isk you er you ared he nen incli nen incli	nteraction about yo are marri re will be uding both	ns also ur sex ed to th kept c those oth tho	e changu ual hist tern or i onfiden with wh	e over time ory generally. tot). We would tial and om you slept whom you slept
There and pa We will like to neither First s B.1 B.2	are many types of different type ist experiences dont necessarily in ot be asking for the name of encourage you to answer as tru- r your neighbors nor your sexual ome questions for you, even if y in the past <u>year</u> , how many wom with and those that you did not. Number: In the past <u>month</u> , how many wo with and those you didn't. Number:	B. Ge s of sexual interact define our currer your sexual partne thfully as possible al partners will find you have never had en have wanted to men have wanted to	0. No eneral stions exisi the sexual in the sexual in the sex of the sex sleep with y o sleep with	Sexual trg in Malat teractions, they relate n mind that ou? This sho you? This	Beha wi. Gene We wou to you all infor	avior erally our e di like to a (i.e. wheth mation sha ude all won	sexual i isk you er you ared he nen incli nomen ir	nteraction about yo are marri re will be uding both	ns also ur sexi ed to th kept c those oth tho	v changu ual hist nem or i onfiden with wh	e over time ory generally. hot). We would fial and om you slept whom you slept
There and pa We will like to neither First s B.1 B.2 B.2 B.3	are many types of different type ist experiences dont necessarily in ot be asking for the name of encourage you to answer as the r your neighbors nor your sexual ome questions for you, even if y in the past <u>year</u> , how many wom with and those that you did not. Number: In the past <u>month</u> , how many wo with and those you didn't. Number: Have you ever heard of receiving	B. Ge s of sexual interact define our currer your sexual partner thfully as possibli- il partners will find ou have never had en have wanted to s men have wanted to noral sex from a wo	0. No eneral itions exisi it sexual in it sexual in it sexual in it sexual in d sex sleep with y o sleep with o sleep with	Sexual trig in Mala teractions, they relate a mind that ou? This sho you? This	Beha wi. Gene We wou to you all infor	avior erally our s id like to a (i.e. wheth mation sha ude all won	sexual i Isk you ared he nen incli	nteraction about yo are marri re will be uding both	ns also ur sex ed to th kept c those	e change uat hist tem or i onfiden with wh	e over time ory generally. not). We would tial and bm you slept whom you slept
There and pa We will like to neithe First s B.1 B.2 B.2 B.3	are many types of different type ist experiences dont necessarily in to be asking for the name of encourage you to answer as tru- r your neighbors nor your sexual ome questions for you, even if y in the past year, how many wom with and those that you did not. Number: In the past month, how many wo with and those you didn't. Number: Have you ever heard of receiving 1. Yes	B. Ge s of sexual interact define our currer your sexual partne thfully as possible if partners will find our have never had our have never had en have wanted to men have wanted to or or al sex from a wo	0. No eneral itions exisi it sexual in t sexual in t sexual in t sexual in t sexual d sex sleep with y o sleep with o sleep with men?	Sexual trig in Mala teractions. they relate to mind that ou? This sho you? This	Behi: General General We wou to you all infor	avior erally our e like to a (i.e. wheth mation sha ude all won nclude all won	sexual i Isk you ared he nen incli nomen ir	nteraction about yo are marri re will be uding both	ns also ur sext ed to th kept c n those	changg nem or n onfiden with wh	e over time ory generally. Ne would tial and om you slept whom you slept
There and paid will like to neither First s B,1 B,2 B,3 B,3 B,4	are many types of different type ist experiences dont necessarily in to be asking for the name of encourage you to answer as tr r your neighbors nor you, even if y ome questions for you, even if y in the past year, how many wom with and those that you did not. Number: In the past <u>month</u> , how many wo with and those you did nt. Number: Have you ever heard of receiving 1. Yes Do you know of any of your frien-	B. Ge a of sexual interact define our currer your sexual partner thfully as possible al partners will find rou have never have en have wanted to men have wanted to oral sex from a wo 0. N ds who have receiv	0. No eneral stions exisi tions exisi tions exisi tions exisi resonation how bearing in dout. d sex sleep with y o sleep with o sleep with o sleep with o sleep with o sleep with o sleep with	Sexual trg in Malat teractions, they relate a mind that ou? This sho you? This from a wom	Beh: wi. Genn to you all infor suld incli should in	avior erally our s di like to a (i.e. wheth mation sha ude all won nclude all won	sexual i Isk you ared he nen incl romen ir	nteraction about yo are marri re will be uding both neluding b	ns also ur sex: ed to th kept c h those	u chang uai hist erm or i onfiden with wh	e over time ory generally. hot). We would fial and om you slept whom you slept
There and pa We will like to neithe First s B.1 B.2 B.3 B.3 B.4	are many types of different type ist experiences dont necessarily in ot be asking for the name of encourage you to answer as the r your neighbors nor your sexual ome questions for you, even if y In the past year, how many wom with and those that you did not. Number: In the past month, how many wo with and those you didn t. Number: Have you ever heard of receiving 1. Yes Do you know of any of your frien- 1. Yes	B. Ge s of sexual interact define our currer your sexual partner thfully as possibil- il partners will find ou have never had en have wanted to s men have wanted to noral sex from a wo 0. N to who have receiv.	0. No eneral itions exisi itions exisi itions exisi itions exisi itions exisi existence itions and the existence of out. d sex sleep with y o sleep with o sleep with o sleep with o sleep with emen? lo - ed oral sex lo	Sexual trg in Mala trg in Mala teractions, they relate a mind that ou? This sho you? This -	Beha: wil. Genn to you all infor suld incli sshould in	avior erally our s (i.e. wheth mation sha ude all won nclude all w	sexual i tsk you ared he nen incl romen ir	nteraction about yo are marri re will be uding both	ns also ur sex: kept c h those	vith who	e over time ory generally. not). We would tial and om you slept whom you slept
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There and pa We will like to oneither First s B.1 B.2 B.3 B.4 B.5 Now 1 m B.6	are many types of different type ist experiences dont necessarily in ot be asking for the name of encourage you to answer as fur r your neighbors nor you, even if y ome questions for you, even if y In the past year, how many wom with and those that you did not. Number: In the past month, how many wo with and those you did nt. Number: Have you ever heard of receiving 1. Yes Do you know of any of your frien- 1. Yes Have you ever received oral sex 1. Yes angoing to ask you about your ght reveal details about your At what age did you first have ya Age	B. Ge s of sexual interact define our currer your sexual partner thfully as possibil ou have never have en have wanted to s men have wanted to men have wanted to our aver the sex men have receive our aver the sex men av	0. No eneral itions exisi tions exisi tions exisi tions exisi tions exisi to seve in the exact of the exist of out. d sex sleep with y o sleep with y o sleep with mmen? to o sleep with to o slee	Sexual trig in Malat teractions, they relate a mind that ou? This sho you? This - from a woment to remind : r had sex	Beha: wi. Genn to you all infor suld incli should in en?	avior erally our s (i.e. wheth mation sha ude all won clude all won clude all won clude all won clude all won	sexual i tsk you ared he nen incli romen in .8	nteraction about yo are marri re will be uding both neluding b ask if you	ns also ed to th kept c those oth those oth tho	vith whith arried, or a	e over time ory generally. hot). We would tial and or you slept whom you slept

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B.7 How ma	iny people overall you have <u>ever</u> had sex with in your lifetime?
Number	
B.8 Have yo	u ever used a condom?
	1. Yes 0. No Go to B.13
B.9 Which o Re	If these condoms have you ever used? ad out options and mark ALL that apply
A. Chisa	ango 1.Yes 0.No E. Contempo Brand (incl. 1. Yes 0.No Rouch Rider, Bareback, King
B. Free	condoms 1.Yes 0.No Sized, Wet and Wild)
C, BLM	Brand 1.Yes 0.No F. Have you used any other 1. Yes 0.No condoms? If yes, specify:
D. Many	/uchi 1.Yes 0.No
B.10 Which b	rrand of condoms do you use most often (Chisango, Free condoms, BLM brand, Manyuchi, Contempo Brand, Any others)? Mark ONLY one
	1. Chisango 3. BLM Brand 5. Contempo Brand (incl. 99. Other, Specify:
	2. Free condoms4. Manyuchi Sized, Wet and Wild)
B.11 When ci	hoosing a condom, what is your most important consideration such as availability, Price, Quality, Strength Partner Preference, Anything
eise)?	Read out options and mark ONLY one
	1. Availability 3. Quality 5. Partner Preference
	2. Price4. Strength99. Other (Specify):
B.12 If you w	ere designing your own condom, what characteristics would be important to you (Flavour, Size, Sensitivity for you, Sensitivity for her,
Strength	1, Colour, Anything else)?
	1. Flavour 3. Sensitivity for you 5. Strength 99. Other. Specify:
	2. Size4. Sensitivity for her6. Color
B.13 How ma	iny different women did you have sex with in the past 12 months?
Number	0. No sex in past 12 months Go to B.16
P 14 How ma	inu different ummen did you have cay with in the nact month?
0.14 1107 114	
Number	Gé to B.16
B.15 Thinking	about ALL your different partners over the past month, how many times in the past month did you have sex?
Number	
B.16 In your o	opinion, what is the likelihood (chance) that you are infected with HIV/AIDS now (No od. Low Likelihood. Medium Likelihood, and High Likelihood)? Only if yojunteered by respondent
	1. No likelihood 3. Medium likelihood 98. Don't Know 5. 1 know 1 am HIV+
	2. Low likelihood 6. I know I am HIV-
B.17 In your o	opinion, if you learned that you do not have HIV, what is the likelihood (chance) that you will become infected with HIV/AIDS in the
future?	1. No likelihood 3. Medium likelihood 98. Don't Know
	2 Jaulikalikaad
Section C: Int	C. Primary Sexual Partner
If you have had think has the mo	roduction more than one sexual partner in the last year, please now think about the one with whom you share the most time with and who you so chance for a lasting relationship. This could be a wife, girlfriend or any other sexual partner.
Lets say her na	ime is Hope. In to set you some general questions should have but remember that I am not going to set you for her real name are ber
C.1 In what	g to ask you some general quesuons about nope, but remember that I am hot going to ask you for her real hame hor her vear did you first meet her?
Year	
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C.2	Where did you first meet her (School, Church, At work, In the neighborhood, Through family or a mutual friend)?	
	Read out options and mark one	

	1. In primary school	5. At work	8. Met through a	mutual friend
	2. In secondary school	6. In my neighborhood	9. Met through f	amily
	3. In college	7. In a bar/dance place	99. Other. Spec	ify:
	4. At church/mosque			
C.3	From the time you first met her, how much time	passed (in weeks) after you m	et her did you sleep with	her?
	Weeks:			
C.4	How old is she now?			
	Interviewer: If exact age is not known, es	timate.	1	
	Age:			
C.5	How many years of schooling has she completed	d?		
	Interviewer: Estimate if not I	known		
	0. None 3. Std 3	6. Std 6	9. Form 1	12. Form 4
	1. Std 1 4. Std 4	7. Std 7	10. Form 2	14. Some college
	2. Std 2 5. Std 5	8. Std 8	11. Form 3	13. College or more
C.6	What is her ethnicity?			
	1. Chewa 3. Tumbuka	5. Ngoni	7. Sena	99. Other:
	2. Yao 4. Lomwe	6. Senga	8. Tonga	
C.7	I am not going to ask if you live with her, I just w Kawale; in Lilongwe but not in Kawale; in rural Li Read out options and mark one 1. In Kawale 2. In Lilongwe di Kawale	ould like to know approximately ilongwe; or in another district? istrict but not in 99. Oth Specify:	y how close you live to ea ner district. [ch other. Where does she live - in 96. Other country Specify:
C.8	How often do you see her, would you say every times a year, or less than once a year? Read out options and mark one	day, several times per week, or	nce a week, several times	s per month, once a month, several
	LI. Every day	4. Several times per m		r. Less man once a year
	2. Several times per week	5. Once a month		8. Stopped meeting with her
	3. Once a week	6. Several times in a ye	ear	

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	Read out options and mark one	
	1. In the last week 2. In the last 2 weeks 3. In the last month	4. In the last 6 months 5. In the last year
		6. Prior to one year ago
C.10	In the past week, how many times did you have sex with this partner?	00100.12
	Times	
C.11	In the past month, how many times did you have sex with this partner	
	Times:	
C.12	The last time you had sex, did you use a condom?	
	1. Yes 0. No	
C.13	How frequently do you use a condom with this partner - Every time we have	sex; Most of the time we have sex; Some of the time; Rarely; or
	1. Every time we have sex 3. Some of	the time 5. Never
	2. Most of the time 4. Rarely	
C.14	Have you ever used any of these methods to prevent this partner from gettin	<u>ig p</u> regnant?
	A. Pill 1.Yes 0.No 98. DK	E. Female 1.Yes 0.No 98. DH
	B. Injections/ 1.Yes 0.No 98. DK	Sterilization F. Withdrawal 1.Yes 0.No 98. DR
	Depo C. Norplant 1. Yes 0.No 98. DK	G. Condom 1. Yes 0.No 98, DF
		PERCENTER AND A CONTRACT OF A DESCRIPTION OF A DESCRIPA DESCRIPTION OF A DESCRIPTION OF A DESCRIPTION OF A D
	D. Male 1.Yes 0.No 98, DK	H. IUD 1.Yes 0.No 98.DK
~ "	D. Male 1.Yes 0.No 98, DK Sterilization 1. Othe	H. IUD 1.Yes 0.No 98. D
C.15	D. Male 1.Yes 0.No 98.DK Sterilization 1.Othe Many people in Malawi have multiple sexual relationships, even if they are in you think best charaterises this partner during the time that she has been in partner and I have proof, I think she has had multiple other partners but I have proof, I think she has had one other partner and I have heard rumours supp confirm that, I don't think she has had another partner but I cant prove it, or	H. IUD 1.Yes 0.No 98. De r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof, I think she has had multiple other partners and I have orting this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it.
C.15	D. Male 1.Yes 0.No 98. DK Sterilization I. Other Many people in Malawi have multiple sexual relationships, even if they are if you think best charaterises this partner during the time that she has been in partner and I have proof, I think she has had multiple other partners but I has proof, I think she has had one other partner and I have heard numours supp confirm that, I don't think she has had another partner but I cant prove it, or Interviewer: Ask each and mark only one option	H. IUD 1.Yes 0.No 98. Dk r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof, I think she has had multiple other partners and I have oring this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it.
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C.15	D. Male 1.Yes 0.No 98.DK Sterilization 1.Yes 0.No 98.DK I. Othe Many people in Malawi have multiple sexual relationships, even if they are i you think best charaterises this partner during the time that she has been in partner and 1 have proof, 1 think she has had multiple other partners but 1 have proof, 1 think she has had one other partner and 1 have heard numours supp confirm that, 1 don't think she has had another partner but 1 cant prove it, or Interviewer: Ask each and mark only one option 1. I know she has had another partner and I have proof 2. I think she has had multiple other partners but 1 have no proof	H. IUD 1.Yes 0.No 98.Dk r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof, I think she has had multiple other partners and I have ording this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant proved
C.15	D. Male 1.Yes 0.No 98.DK Sterilization I. Other Many people in Malawi have multiple sexual relationships, even if they are i you think best charaterises this partner during the time that she has been in partner and I have proof, I think she has had multiple other partners but I ha proof, I think she has had one other partner and I have heard urmours supp confirm that, I don't think she has had another partner but I cant prove it, or Interviewer: Ask each and mark only one option 1. I know she has had another partners but I have proof 2. I think she has had multiple other partners but I have no proof 3. I think she has had multiple other partners and I have proof 3. I think she has had multiple other partners and I have proof	H. IUD 1.Yes 0.No 98.D r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof, I think she has had multiple other partners and I have oring this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant prove it 7. I think she has had one other partner but I cant
C.15	D. Male	H. IUD 1.Yes 0.No 98. Di r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof, I think she has had multiple other partners and I have orting this. No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant prove it 7. I think she has had one other partner but I cant prove it
C.15	D. Male 1.Yes 0.No 98.DK Sterilization I. Othe Many people in Malawi have multiple sexual relationships, even if they are i you think best charaterises this partner during the time that she has been in partner and I have proof, I think she has had multiple other partners but I ha proof, I think she has had one other partner and I have heard urmours sup confirm that, I don't think she has had another partner but I cant prove it, or Interviewer: Ask each and mark only one option 1. I know she has had another partners and I have proof 2. I think she has had multiple other partners but I have no proof 3. I think she has had multiple other partners and I have proof 4. I think she has had one other partner and I have heard rumours supporting this D. HIV Attitudes an	H. IUD 1.Yes 0.No 98. D r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof, I think she has had multiple other partners and I have orting this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant prove it 7. I think she has had one other partner but I cant prove it
C.15	D. Male	H. IUD 1.Yes 0.No 98.D r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another we no proof, I think she has had multiple other partners and I have oring this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant prove it 7. I think she has had one other partner but I cant prove it 1. I think she has had one other partner but I cant prove it 1. I think she has had one other partner but I cant prove it 1. I think she has had one other partner but I cant prove it 1. I think she has had one other partner but I cant prove it 1. I think she has had one other partner but I cant prove it 1. I think she has had one other partner but I cant prove it 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant 1. I think she has had one other partner but I cant
C.15	D. Male Sterilization I. Yes 0.No 98. DK Sterilization I. Other Many people in Malawi have multiple sexual relationships, even if they are i you think best charaterises this partner during the time that she has been in partner and I have proof. I think she has had multiple other partners but I hav proof, I think she has had onother partner and I have heard rumours supp confirm that, I don't think she has had another partner and I have proof I. I know she has had another partner and I have proof I. I know she has had another partner and I have proof I. I know she has had another partners but I have no proof I. I know she has had multiple other partners but I have no proof I. I think she has had multiple other partners and I have proof I. I think she has had multiple other partners and I have proof I. I think she has had one other partner and I have proof I. I think she has had one other partner and I have proof I. I think she has had multiple other partners and I have proof I. I think she has had one other partner and I have proof I. I think she has had one other partner and I have proof I. I think she has had one other partner and I have heard rumours supporting this D. HIV Attitudes and d like to talk about your own attitudes and beliefs about HIV If we took a group of 100 people living in Kawale, how many of them do you	H. IUD 1.Yes 0.No 98.Dk r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof, I think she has had multiple other partners and I have orting this. No possibility she has had another partner, and I can think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant prove it 7. I think she has had one other partner but I cant prove it think would now have HIV/AIDS?
C.15	D. Male 1.Yes 0.No 98.DK Sterilization I. Other Many people in Malawi have multiple sexual relationships, even if they are i you think best charaterises this partner during the time that she has been in partner and I have proof, I think she has had multiple other partners but I ha proof, I think she has had one other partner and I have heard rumours sup confirm that, I don't think she has had another partner but I cant prove it, or interviewer: Ask each and mark only one option 1. I know she has had another partners but I have proof 2. I think she has had multiple other partners but I have no proof 3. I think she has had multiple other partners and I have proof 3. I think she has had one other partner and I have heard rumours supporting this D. HIV Attitudes an d like to talk about your own attitudes and beliefs about HIV If we took a group of 100 people living in Kawale, how many of them do you	H. IUD 1.Yes 0.No 98. DA r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof, I think she has had multiple other partners and I have oring this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant prove it D Beliefs think would now have HIV/AIDS?
C.15	D. Male Sterilization 1.Yes 0.No 98.DK Sterilization 1.Other Many people in Malawi have multiple sexual relationships, even if they are i you think best charaterises this partner during the time that she has been in partner and 1 have proof. I think she has had multiple other partners but 1 ha proof.1 think she has had one other partner and 1 have heard rumours supp confirm that, I don't think she has had another partner but I cant prove it, or Interviewer: Ask each and mark only one option 1.1 know she has had another partners but 1 have proof 2.1 think she has had multiple other partners but I have proof 3.1 think she has had multiple other partners and I have proof 4.1 think she has had one other partner and 1 have heard rumours supporting this D. HIV Attitudes and d like to talk about your own attitudes and beliefs about HIV If we took a group of 100 people living in Kawale, how many of them do you Number	H. IUD 1.Yes 0.No 98. DA r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another we no proof, I think she has had multiple other partners and I have oring this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant prove it 7. I think she has had one other partner but I cant prove it think would now have HIV/AIDS? had no drugs (ARVs) from the clinic to help them?
C.15 Now /' D.1 D.2	D. Male Sterilization I. Yes 0.No 98. DK Sterilization I. Other Many people in Malawi have multiple sexual relationships, even if they are i you think best charaterises this partner during the time that she has been in partner and I have proof. I think she has had multiple other partners but I hav proof. I think she has had onother partner and I have heard rumours supp confirm that, I don't think she has had another partner and I have proof 1. I know she has had another partner and I have proof 1. I know she has had another partner and I have proof 1. I know she has had multiple other partners but I have no proof 3. I think she has had multiple other partners and I have proof 3. I think she has had one other partner and I have proof 4. I think she has had one other partner and I have heard rumours supporting this D. HIV Attitudes and d like to talk about your own attitudes and beliefs about HIV If we took a group of 100 people living in Kawale, how many of them do you Number Years	H. IUD 1.Yes 0.No 98.Dk r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof, I think she has had multiple other partners and I have orting this. No possibility she has had another partner, and I can think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant prove it 7. I think she has had one other partner but I cant prove it think would now have HIV/AIDS? had no drugs (ARVs) from the clinic to help them?
C.15 Now I' D.1 D.2 D.3	D. Male	H. IUD 1.Yes 0.No 98. DF r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another vertices and I have oring this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can to for think she has had another partner but I cant prove it. 7. I think she has had one other partner but I cant prove it. 7. I think she has had one other partner but I cant prove it. 9. I don't think she has had one other partner but I cant prove it. 9. I don't think she has had one other partner but I cant prove it. 9. I don't think she has had one other partner but I cant prove it. 9. I don't think she has had one other partner but I cant prove it. 9. I don't think she has had one other partner but I cant prove it. 9. I don't think would now have HIV/AIDS? 1. and no drugs (ARVs) from the clinic to help them? 1. and drugs (ARVs) from the clinic to help them?
C.15 Now ^(*) D.1 D.2 D.3	D. Male	H. IUD 1.Yes 0.No 98. DK r 1.Yes 0.No Specify: n a committed relationship. Which of the following statements do a committed relationship with you: I know she has had another ve no proof. I think she has had multiple other partners and I have oring this, No possibility she has had another partner, and I can I think she has had one other partner but I cant prove it. 5. No possibility she has had another partner, and I can confirm that 6. I don't think she has had another partner but I cant prove it 7. I think she has had one other partner but I cant prove it think would now have HIV/AIDS? had no drugs (ARVs) from the clinic to help them?

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Number

D.5 If 100 men each slept with a woman who is HIV positive last night and DID use a condom, how many of them do you think would get HIV?

Number

- Now, I'd like to ask you some questions about your attitudes and beliefs about circumcision.
 D.6 If 100 circumcised men each sleep with a woman who is HIV positive last night and did not use a condom, how many of them do you think would get HIV?
 Number_____
- D.7 If 100 uncircumcised men each sleep with a women who is HIV positive last night and did not use a condom, how many of them do you think would get HIV? Number_
- D.8 How many weeks do you think it takes for an adult man to return to normal activities after having a male circumcision in a clinic? Weeks:
- How many weeks do you think it takes until an adult man is able to have sex after having a male circumcision in a clinic? D.9 Weeks:

D.10 Have you ever heard about a scientific study that took place about circumcision and HIV?

D.11	Was	the study conducted in EAD out responses and mark ALL that apply							and at the local
	C.	A Ghana 0. No 1. Yes	98. DK	E Nigeria		0. No		1. Yes	98. DK
		B Kenya 0. No 1. Yes	98. DK	F South Africa		0. No		1. Yes	98. DK
		C Malawi 0. No 1. Yes	98, DK	G Uganda		0. No]1. Yes 🗌	98. DK
		D Norway 0. No 1. Yes	98. DK	н ик		0. No		1. Yes	98. DK
				l Other. Specify:	C	0. No		1. Yes	
		Section E: He	alth relat	ed and BLM s	pecit	ic			
Now I	ets tall	s about condoms, even if you have never had	sex						
F .,	Tave	1. Yes 0. No		Go to E.3					
E 2	In the			······································					
E.2	in the	past month, did you purchase condoms from:				If Yes, H	ow man	197	
	A	Clinic/Hospital	0. No	1_Yes	•				
	в	Banja La Mtsogolo Clinic	0. No]1. Yes	>				
	C	Grocery store	0. No]1. Yes	>				
	D	Club/Bar/Beer Hall	0.No	1. Yes	×				
	E	Did you purchase condoms from somewhere else?Specify:	0. No	1. Yes	-			-	
E.3	Have	you been given any free condoms in the past m	onth?						
]1. Inde0. Ayi		Go to E.5					
E.4	in the	e past month did you get free condoms from any	of the following:						
	Δ	Partner	10 No [11 Yes	-	If Yes, H	ow man	197	
	в	Friend/Relative		11. Yes	-			-	
	C	Banja La Misogolo Clinic]0.No	11. Yes	>				
	D	Other Clinic/ Hospital]0.No	1. Yes	-				
	E	Did you receive condoms from	0.No]1. Yes	-				

E.5	I will not ask about the results. Have	e you ever been	tested for HIV?		1 3	Only if volunteered	by respondent:
	1. Yes	0. No	Go to E.	8		3. know	m HIV+ 'm HIV-
E.6	When was the last time that you ha	d a test for HIV?	N.				
	A. Year	B. 1	Month				
E.7	Where were you tested the last time	e you were teste	d for HIV?				
	Clinic Name/Other VCT center.	_				97	Home
Now.	I'd like to ask you some questions	about the Bank	a La Mtsociolo Kaw	ale clinic			
E.8	Do you know where the Banja La M	tsogolo (BLM) K	awale Clinic is?				
	1. Yes	0. No	→	io to E.14			
E.9	How many minutes would it take yo Interviewer: indicate time for use	u to walk to the al mode of trac OF 1	BLM <u>Kawale clinic?</u> Isport. ONLY MARP RANSPORT	Even if you haver CONE UNLESS (nt been how lon JSES MORE M	g do you think it w	fill take to get there?
	Mode of Transport	Ĩ		Minutes			
	A. Foot						
	B. Bicycle						
	C. Car or Bus						
	D. Motorcycle). L					
E.11 E.12 E.13	1. Yes When was the last time you were a A. Year Why did you go to the Banja La Mts How many times in total have you b Number of times:	0. No Banja La Mtsog 	golo <u>Kawale</u> clinic? B. Month linic the last time you a La Mtsogolo <u>Kawa</u>	o to E.14 , went? <u>le</u> clinic:			
E.14	Which of the following services do Please could you also tell me which	ou think are off of the services	ered at Banja La Mte that you think they o	ogolo - <u>Kawale</u> C iffer you have eve	linic, Even if yo r sought servic	u have never beer es for at their clini E.14b Have you	n there? c. sought this service
	A. Antenatal services	0.N	o 98 DK	1.Yes		1.Yes	0.No
	B. ARV treatment		0 98 DK	1.Yes	→ [1.Yes	
	C Family Planning			1 Yes	i	1.Yes	
	D. HIV Testing			1 Yes	i	1 Yes	
	E Male circumcision			1 Yes		1 Vec	
	E. TR testingfreetment			1.105		1 Vac	
	G Malaria tection and tractment			1. Tes		1. Yes	
	 Malaria testing and treatment Treatment for selection 			1.109		1. Yes	
	n. neament for column			1.105		1. Tes	
	I. I reatment for diarrhoea	[]0.N	o []ag. DK	1.Yes		1.Yes	0.No
E.15	Have you heard of anyone who was	circumcised at	Banja La Mtsogolgo	Kawale clinic?			
	1. Yes		0, No	\rightarrow	Go to E.1	7	

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	A Friend	1. Yes	0.No	D. Neighbour	1. Yes	0.No
	B. Relative	1. Yes	0.No	E. Just heard stories/rumours don't	1. Yes	0.No
	C. Work colleague	1. Yes	0.No	F. Other. Specify:		-
E.17	If you went today, what d	o you think is the	estimated cost	that would be incurred if you would go for a circ	umcison at:	

A, CHAM/Mission Clinic

B. Kamuzu Central Hospital

C. Private doctor/Private Clinic

D. Banja La Mtsogolo (Kawale Clinic)

Kwacha	
	98.DK
	98.DK
	98.DK
	98.DK
<u></u>	

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Now, read through the voucher script and ask for consent for issuing the voucher. at amount is indicated on the voucher that the respondent received: 0. Respondent pays 0 Kwacha; Subsidy is 950 Kwacha 1. Respondent pays 50 Kwacha; Subsidy is 900 Kwacha 2. Respondent pays 100 Kwacha; Subsidy is 850 S. Respondent pays 900 Kwacha; Subsidy is 850 S. Respondent pays 900 Kwacha; Subsidy is 850 Kwacha 2. Respondent pays 100 Kwacha; Subsidy is 850 Kwacha 2. Respondent pays 100 Kwacha; Subsidy is 850 Kwacha 2. Respondent pays 100 Kwacha; Subsidy is 850 Kwacha a scale from 0 - 10, with 0 being very unhappy and 10 being very happy, how happy are you right now? is (0 - 10): is record the voucher ID is record the expiry date of the voucher (write in words): is record what type of photo identification you noted on the back of the voucher: 1. Voter ID 2. Driver's license 3. Passport 98. Other, specify: it do you think people should be researching in Malawi?					
a anount is indicated on the voucher inal the respondent received.	Щ.	ssuing the voucher.	or consent for issui	ough the voucher script and ask for	Now, read thr
O. Respondent pays 0 Kwacha; Subsidy is 950 S. Respondent pays 200 Kwacha; Subsidy is 950 I. Respondent pays 50 Kwacha; Subsidy is 900 Kwacha 1. Respondent pays 50 Kwacha; Subsidy is 900 Kwacha 2. Respondent pays 100 Kwacha; Subsidy is 850 S. Respondent pays 900 Kwacha; Subsidy is 850 Kwacha 2. Respondent pays 100 Kwacha; Subsidy is 850 Kwacha 3. Respondent pays 900 Kwacha; Subsidy is 850 Kwacha 4. Respondent pays 900 Kwacha; Subsidy is 50 Kwacha 2. Respondent pays 100 Kwacha; Subsidy is 850 Kwacha 3. Respondent pays 900 Kwacha; Subsidy is 50 Kwacha 4. Respondent pays 900 Kwacha; Subsidy is 50 Kwacha 4. Respondent pays 900 Kwacha; Subsidy is 50 Kwacha 4. Respondent pays 900 Kwacha; Subsidy is 50 Kwacha 5. Respondent pays 900 Kwacha; Subsidy is 50 Kwacha a scale from 0 - 10, with 0 being very unhappy and 10 being very happy, how happy are you right now? ise record the voucher ID: ise record the voucher (write in words). ise record what type of photo identification you noted on the back of the voucher: 1. Voter ID 2. Driver's license 3. Passport 98. Other, specify:			tent received.	ated on the voucher that the responde	nat amount is indica
1. Respondent pays 50 Kwacha; Subsidy is 900 4. Respondent pays 500 Kwacha; Subsidy is 450 Kwacha 2. Respondent pays 100 Kwacha; Subsidy is 850 5. Respondent pays 900 Kwacha; Subsidy is 50 Kwacha a scale from 0 - 10, with 0 being very unhappy and 10 being very happy, how happy are you right now? le (0 - 10):	cha; Subsidy is 750	3. Respondent pays 200 Kwat Kwacha	[nt pays 0 Kwacha; Subsidy is 950	0. Responden Kwacha
2. Respondent pays 100 Kwacha; Subsidy is 850 Kwacha a scale from 0 - 10, with 0 being very unhappy and 10 being very happy, how happy are you right now? te (0 - 10): te (0 - 10): te record the voucher ID: te record the voucher ID: te record the expiry date of the voucher (write in words): te record what type of photo identification you noted on the back of the voucher: 1. Voter ID 2. Driver's license 3. Passport 98. Other, specify: t do you think people should be researching in Malawi?	cha; Subsidy is 450	4. Respondent pays 500 Kwao Kwacha	L	nt pays 50 Kwacha; Subsidy is 900	1. Responden Kwacha
a scale from 0 - 10, with 0 being very unhappy and 10 being very happy, how happy are you right now? le (0 - 10):	cha; Subsidy is 50	5. Respondent pays 900 Kwa Kwacha		nt pays 100 Kwacha; Subsidy is 850	2. Responden Kwacha
		how hanny are you right now?	baing yany bannyy ba	with 0 haing yang unhanny and 10 h	a a coala from 0 10
le (0 - 10): isse record the voucher ID: isse record the expiry date of the voucher (write in words): isse record what type of photo identification you noted on the back of the voucher: 1. Voter ID 2. Driver's license 3. Passport 98. Other, specify: it do you think people should be researching in Malawi?		y, now nappy are you right now?	being very nappy, no	o, with o being very unnappy and to be	n a scale nom 0 - 10
Ise record the voucher ID Ise record the expiry date of the voucher (write in words) Ise record what type of photo identification you noted on the back of the voucher: 1. Voter ID 2. Driver's license 3. Passport 98. Other, specify: It do you think people should be researching in Malawi?					ale /0 101
Ise record the voucher ID: Ise record the expiry date of the voucher (write in words): Ise record what type of photo identification you noted on the back of the voucher: 1. Voter ID2. Driver's license3. Passport98. Other, specify: It do you think people should be researching in Malawi? Tent Time:					sale (0 - 10):
ise record the expiry date of the voucher (write in words): ise record what type of photo identification you noted on the back of the voucher: 1. Voter ID2. Driver's license3. Passport98. Other, specify: It do you think people should be researching in Malawi? rent Time:				ucher ID	ease record the you
Ise record what type of photo identification you noted on the back of the voucher. Ise record what type of photo identification you noted on the back of the voucher. I. Voter ID 2. Driver's license 3. Passport 98. Other, specify: t do you think people should be researching in Malawi? Tent Time:					
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ise record what type of photo identification you noted on the back of the voucher: 1. Voter ID 2. Driver's license 3. Passport 98. Other, specify 1t do you think people should be researching in Malawi?			ds):	iry date of the voucher (write in words	ease record the exp
Ise record what type of photo identification you noted on the back of the voucher: 1. Voter ID 2. Driver's license 3. Passport 98. Other, specify: 1t do you think people should be researching in Malawi?					
Isse record what type of photo identification you noted on the back of the voucher: 1. Voter ID 2. Driver's license 3. Passport 98. Other, specify: It do you think people should be researching in Malawi?					
Ise record what type of photo identification you noted on the back of the voucher:					
		e voucher:	on the back of the voi	pe of photo identification you noted on	ease record what ty
	10442		Las and from the last		
at do you think people should be researching in Malawi?	acify.	rt98. Other, spe	3. Passport	2. Driver's license	1. Voter ID
rent Time:			2	ople should be researching in Malawi?	hat do you think per
rent Time:					W5.704 (S.110) (M22)
rent Time:					
rent Time:					
rent Time:					
					urrent Time:

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		G. INF	ORMA	ATION DAY			
ų	Current Time:						
	Interviewer Check: Is this responde	nt assigned to recei	ving info	rmation? (Check Coversheet) Go to Section H.			
	Now, read through	the information so	cript abo	out Male Circumcision.		Ĩ	
	Which one of the following statements 1. I have heard all of this infon 2. I have heard most of this infon 3. I have heard some of this in	applies best to you? nation before formation before formation before		4. I have heard none of this information before	3	-	Go to G.5
	In what year did you hear this informat Where have you heard this information Read all	ion? 1 before?					
	A. From a friend or relative in Kawale	1_Yes	0.No	E. On the radio		1. Yes	0.No
	B. From a friend or relative outside of Kawale	1, Yes	0.No	F, in the newspaper		1. Yes	0.No
	C. At a clinic	1, Yes [0.No	G. On the internet		1. Yes]0.No
	D. On the television	1. Yes	0.Nd	H. Other, Specify:		1. Yes	0.No
	How belivable is the information that I	read to you? ts				-	
	2. It might be true but I'm not o	ompletely convinced					

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O. OFFICE:
Before leaving the household, give the respondent his 200 units of airtime and thank him for his time. After leaving the household please complete the following set of questions. These MUST be completed by you as the interviewer and not l asking the respondent himself.
1. No other person was around at ANY point 3. 1 or more people were in hearing range for the DURATIC of the interview
2.1 or more people were in hearing range during PART of the interview
0.2 Were there any interruptions during the interview?
0. No 1. Yes If ves. what type of interruptions:
0.3 How well do you know the respondent?
1. Not at all 3. I have heard of him 5. Relative
2. Know his family 4. I know him quite well 99. Other . Specify :
0.4 How wealthy is the individual relative to other individuals in Kawale?
1. Much wealthier than others 3. About equally wealthy 5. Much poorer than others
2. Slightly wealthier than 4. Slightly poorer than others 98. Don't know
others 0.5 Was respondent interviewed at his home?
1. Yes 0. No Go to 0.7
0.6 How wealthy is the household relative to other households in Kawale?
1. Much wealthier than others 3. About equally wealthy 5. Much poorer than others
2. Slightly wealthler than 4. Slightly poorer than others 98. Don't know
0.7 How patient was the respondent during the interview?
1. Very impatient 2. Somewhat impatient 3. Somewhat patient 4. Very patient
0.8 Any additional notes/observations you have?
·
Please remember to fill out the result code on the coversheet
TO BE COMPLETED BY SUPERVISORS AND DATA CAPTURERS:
0.0 Interview Checked by:

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0.10 Requires Callback

0.12 Data entered

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0. No

0. No

1. Yes

1. Yes

0.11 Callback Checked by:

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Appendix D: Survey instrument: follow-up survey

1

			3IE FOLL	OW-UP SURVEY			
P.1	Respondent Nam (Please include a	e: Il names including nicl	(names)	mucht re-cuit			
P.2	Respondent's ID:					1	
P.3	Area ID:]	P.4 Block ID:			
P.5	Interviewer ID:		כ	P.6 Running Num	ber:		
P.7	Contact Address: describe how to fi features.)	(Do NOT write down ind the Household. Sp	a postal address, we i ecify any stores, chur	need a residential addre thes, schools nearby as	ss. If no residential add well as any street inter	ress is available sections and any	, please y other not:
P.8	GPS Coordinates Longitude (South Latitude (East):	::):	+				
P.9	What hours is he	usually away from ho	me?				
	Mon	Tues	Weds	Thurs	Fri	Sat	Sun
	1. Old tov	vn3. Kar entre4. Bwa	iengo]5. Biwi triangle]6. Within Kawale	99. Other. Sp	ecify:	
P.11	Also, what is the	name of the place at v	which he works?	-			
P.12	Does he have a c	ellphone?	b. <u>lf</u> We v for or (If re:	<u>ves</u> , what is his number: vill keep this number con ir records or future proje spondent has multiple pre- e capture all	infidential and only use lots. none numbers		
	0. No		pleas	Got	10 K.1		
P.13	0. No	d name of a member	pleas	Go t neighbor on which you o	an be reached:		
P.13	0. No Phone number ar Name:	id name of a member	pleas	Phone number:	an be reached:		
P.13 R.1	0. No Phone number ar Name: Is the respondent	Id name of a member available at home not	pleas of the household or a w? EAD the CONSENT F	Go 1 neighbor on which you o Phone number:	an be reached:		
P.13 R.1 R.2	0. No Phone number ar Name: Is the respondent I. Yes If the respondent down the name a	id name of a member available at home no	pleas of the household or a w? EAD the CONSENT F sent, please find a nei the informant to the re	Go i neighbor on which you o Phone number: ORM and Go to R.3 ghbour or relative and w soondent:	an be reached:]0. No der of this page.	Please wr
P.13 R.1 R.2	0. No Phone number an Name: Is the respondent 1. Yes - If the respondent down the name a	available at home nor Ris not available at pre- nd the relationship of f	pleat of the household or a w? EAD the CONSENT F EAD the CONSENT F sent, please find a nei the informant to the re	Go i neighbor on which you o Phone number: ORM and Go to R.3 ghbour or relative and w spondent:	an be reached:]0. No der of this page.	Please

Respondent ID _____

1											
- 5											
4	GPS Coor page and y	dinates: (These o you are at the ho	soordinates a use of the re	are only to b spondent.)	e recorde	d if the r	espondent has	s moved o	r the coordina	tes are missing o	n the front
	Longitude	(South):			_			-			
	Latitude (E	ast):				- 16					
5	What hour	s are you (or is h	e) usually av	way from ho	ne?	-	Thurs		Fri	Sat	Sun
	MON		les		us	-	muis	-		Jai	oun
7 8	2. Also, what Do you or	City Centre	4. Bwa ne place at w eliphone?	alo la Njovu Ihich you (o	he) work b. if	6. With cs? ves , wha	in Kawale	r;			
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[7 8 [10	2. Also, what Do you or 1. 0. <u>If no.</u> plea Name: A C C E	City Centre is the name of th does he have a of Yes No No Se record a phon Date (DD/M Current Time (20 Interviewer N	4. Bwa ee place at w eeliphone? e number an WYYY) thr clock): umber: vame:	alo la Njovu (o nd name of a Vie	the) work b. <u>If</u> We for oo (If re pleau i member it 1	6. Witt cs? <u>yes</u> , wha will keep ur record spondent se captur of the ho Phone	t is his numbe this number s or future pro- has multiple e all) Dousehold or a number: Visit 2	r: onfidentia jects. phone nu to R:10 neighbor	I and only use mbers] on which you o Visit 3	Visit 4	
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[7 8 [10	2. Also, what Do you or 1. 0. H no, plea Name: A C E F.1 F.2 G	City Centre	4. Bwa he place at w seliphone? e number an w/YY) (hr clock); umber: (ame: odes); , or other); otes:	alo la Njovu (diname of a Vie	the) work	6. With se? Yes, wha will keep ur record spondent se captur of the ho Phone	t is his number this number or s or future pro- has multiple e all) ousehold or a number: Visit 2	rr. onfidentia jects. phone nu to R.10 neighbor	l and only use mbers] on which you o Visit 3	Visit 4	
[8 [9 10	2. Also, what Do you or 1. 0. If no. plea Name: A C D E F.1 F.2 G H Assume to the second s	City Centre	4. Bwa e place at w cellphone? e number an w/YYY) thr clock); umber: vame: codes); , or other); otes: ed for (Date,	alo la Njovu (o	the) world b. <u>If</u> for o (if re pleat it 1	6. With cs? yes, wha will keep ur record spondent se captur of the ho Phone	t is his number this number of s or future pro- has multiple e all) Cousehold or a number: Visit 2	rr. onfidentia jects. phone nu to R.10 neighbor	I and only use mbers on which you o Visit 3	Visit 4	

Respondent ID _____

art c	S. Starter If this study is on your background experiences. Just to begin,
.1	On a scale from 0 - 10, with 0 being very unhappy and 10 being very happy, how happy are you right now?
	Scale (0 - 10):
14.5	A. Survey Recall and Information Acquisition
0	Current Time:
1	Do you remember being asked questions early last year (February, March, or April) as part of a survey about male circumcision?
]1. Yes0. No
2	Did you receive a coupon or voucher at the end of the survey?
	0. No> Go to A 12
3	What was the voucher for?
4	How much was the voucher worth? Its okay if you don't remember, just tell us your best guess. Do not READ out responses
	0.950 MKW subsidy; 1,900 MKW subsidy; 2.850 MKW subsidy; C MC was free cost 50 MKW cost 100 MKW
	3: 750 MKW subsidy; MC 5: 50 MKW subsidy; MC 5: 50 MKW subsidy; MC co
	MC cost 200 MKW cost 500 MKW 900 MKW
5	How confident/certain are you that you remember this correctly? READ out responses and mark only ONE.
20	1. Very confident (Certain) 2. A little confident 3. Not at all confident 4. I'm guessing
5	Has the voucher expired?
	1, Yes0. No Go to A.8
7	When did the voucher expire?
	A. Year:B. Month (1-12):C. Day (If known): 98: Don't Know
8	What colour was it?
	1, Red 2. Yellow 3. Green 4. White 5. Blue 6. Pink
	98. Don't Know
9	Do you still have the voucher?
	1. Yes 0. No
	A.10a Can I see the voucher? A.11 Why do you not have the voucher?
	Do not READ responses. Mark ALL that apply. 1. Yes 0. No Go to A.12 1. Jused it when I went to BLM for MC
	A.10b If yes, how much was the voucher worth? 2. I gave it to a friend
	0. 950 MKW subsidy: 3. 750 MKW subsidy: MC 3. Host it
	MC was free costed 200 MKW 1,900 MKW subsidy: 4,450 MKW subsidy: MC 4, It expired so I thought it was useless
	MC costed 50 MKW costed 500 MKW 2 Costed 500 MKW subsidy; MC 5. I threw it away as I didn't intend to use it
	costed 100 MKW costed 900 MKW 99. Other. Specify:
	Did usu socilus ani monou se dife after being acted quartient ar part of a unusu?
12	Did you receive any money or gins aner being asked questions as part or a survey?
12	1 Yes 0. No Go to A.14
12	I. Yes Other and the survey by the interviewer? Other and the survey by the interviewer?

	Land to the	N 110
5	If yes, what information? (If respondent says No, then a fast 12 months.)	ask the respondent what information he has heard or been told about headlice in the
16	During the interview that was conducted last year die	d you hear about a scientific study that took place in Africa about circumcision and
	1. Yes	0. No
	B. Be	eliefs and Attitudes
ow, 1	I'd like to ask you some questions about your attitud If 100 uncircumcised men each sleep with a women v think would get HIV? Number	les and beliefs about circumcision. who is HIV positive last night and did not use a condom, how many of them do you
2	If 100 circumcised men each sleep with a woman who would get HIV? Number	o is HIV positive last night and did not use a condom, how many of them do you thin
3	Who faces a higher risk in contracting HIV- a circumcis	sed man, an uncircumcised man, or do they face about the same risk?
	Mark only one 1. Circumcised man faces higher risk	3. The face the same risk
	2. Uncircumcised man faces higher risk	98. Don't know
4	Have you ever heard about a <u>scientific study</u> that took	place in Africa about circumcision and HIV?
	1. Yęs	0. No
5	Do you remember in which countries the study was con Even if you havent hear about such a study, where do BEAD out responses and mark ALL that apply	nducted? you think that such a scientific study would have taken place.
	A Frypt	E Nigeria 1 Yes 0. No
	B Ethionia 1 Yes 0 No	G Seneral 1 Yes 0 No
	D. Kenya 1, Yes 0, No	I. UgandaI_YesU, No
•	E. Malawi 1. Yes 0. No	J Zambia 1_Yes 0. No
6	Do you recail what the study showed as to who (a circu	uncised man, or uncircumcised man) faces higher risk of contracting HIV?
	Even if you havent heard about such a study, do you the circumcised, or uncircumcised man faces higher risk, or	hink such a scientific study about circumcision and HIV would show that a or would it be the same?
	1. Circumcised man faces higher risk	3. The face the same risk 98. Don't know
	2. Uncircumcised man faces higher risk	99. Study showed something else. Please explain:
7	Now I would like to talk about some of your opinions at How many people known to you do you suspect have o	bout HIV/AIDS died from AIDS overall?
	Number	
8	If we took a group of 10 people from this area—just no now have HIV/AIDS?	rmal people who live around youhow many of them do you think would
	Number	

B.9 Now, I am going to ask you some questions about what you might expect to happen in the future. Sometimes the future is difficult to know, but I would like to know your best guess. Do you think that you will live up to:

	Zaka	Yes	No	Dk	Zaka	Yes	No	Dk	Zaka	Yes	No	Dk
	25	1	0	88	50	1	0	88	75	1	0	88
Interviewer: Start at	30	1	0	88	55	1	0	88	80	1	0	88
Respondents age or 25 and ask	35	1	O	88	60	1	0	88	85	1	0	88
for each age until R answers	40	1	0	88	65	1	0	88	90	1	0	88
No".	40	1	U	60	/0	1	U	00	90	1	U	00
									100	1	0	88

98.1 do not know

B.10 If 100 babies were born today, how many of them do you think would live up to age 75?

Number _____

B.11 Think about 10 people in this area who live around you and are the same age as you. How many of them do you think will die before you do?

Number _____

C. Male Circumcision: General

Now, I am going to ask some questions about male circumcision as well as any experiences you had at the BLM Kawale clinic pertaining to male circumcision. Circumcision is the removal of the foreskin from the penis. This can be conducted in the clinic or traditionally (in the bush). It can be the removal of the entire foreskin or only part of the foreskin. Some people agree with circumcision, some people do not agree with circumcision. It is really a matter of opinion. Please feel free in telling us what you think. We don't mind whether you agree with it or disagree with it, we are just interested to know what YOUR opinion is.

C.1	In the past year, did you at	any point contemplate (think abou	t) getting a male circumcision?	
	1. Yes		0. No	Only if volunteered by respondent. 99.1 got circumcised
C.2	In the past year, did you sp	eak to your partner about MC (V	Mhether or not you got circumcise	4)?
	1 Yes		0. No	99. Don't have a partner
C.3	In the past year, did you sp	eak to any of your friends and/o	or relatives about MC (whether	or not you got circumcised)?
	1. Yes		0. No	
C.4	In the past year, did any of	your male friends or relatives co	ontemplate (think about) getting	a male circumcision?
	1. Yes		0. No	
C.5	Think of all your male friend	is and relatives, how many of ther	n are circumcised?	
	Number:			
C.6	in the past year, how many	y of your male friends or relatives	got circumcised?	
	Number:			
C 7	Have you ever discussed s	evual or reproductive health with a	a health care provider?	
0.1	1. Yes	examine reproductive neurin mine	0.No	
C.8	At any time when your parts mother or the pregnancy?	ner was pregnant, did you yoursel	ftalk with a doctor or any other he	alth care provider about the health of the
	1. Yes	0. No		2. No children
		2000 BD		Com C 10
~ ~	Harris tract managemble areas to be	an ann an an an Albana an Albana Ar	fac100. factors?	5010 4.10
0.9	Have you yoursen even take	en one of your children to a nearth	facility for care?	
	1. Yes	0. No		2. No children
C.10	In the past year, did you co	ntemplate (think about) having	vour male child or a voung ma	e relative circumcised?
	1. Inde	0. Ayi	99. Don't have a son or young male relative	Go to C.15
		Respondent ID		

C.11 In the past year,did you have one of your sons (or a young male relative) circumcised?

1, inde	0. Ayi	→ Go to C.15

How many sons and young male relatives did you have circumcised in the past year? C.12

Number:

_

6

C.13	For each of your sons and young male relatives that you had c	ircumcised in the past year, please could you tell us:
	A. Is this child your son or a male relative?	B. In what year and month did he get C. How old was the child at the time

Child 1	1. Own child 2. Male relative	Year: Month:	Age:
Child 2:	1. Own child 2. Male relative	Year: Month:	Age:
Child 3:	1. Own child 2. Male relative	Year Month:	Age:

	A. Clinic	B. Village:			C. Area/District	
			-			;
	D.Other: (If multiple child	ren were circumcised at diffe	erent locations, j	please provide det	ails):	
hen	we last visited you, we sha	red some information about	the services av	ailable at BLM. W	e'd like to ask you some que	estions related to you
(perie 15	ence regarding the health c Did you ever try to call (b)	are services at BLM specifi (phone) BLM about anythin	ically regarding to relating to Ma	Male Circumcision (w	on. hether or not you ended up	visiting the clinic for
	surgery)?					
	1. Yes		0, No	\longrightarrow	Go to C.20	
.16	Including all of the times y	you were successful and the	ose times you we	ere not successful	how many times did you at	tempt to call?
	Times:	;				
.17	When was the first time y	ou called (by phone) BLM a	bout anything re	lated to Male Circ	umcision?	
	A. Year	B. Month		98. Don	t know	
	C.17b. Was it early, midd	le, or late in the month?				
	1. Early	2. Middle		3. Late		
.18	Of these times, how many	y times were you successfu	I in reaching a B	LM staff member	or the BLM clinic?	
	Times:					
.19	How much airtime total (in that you made?	n kwacha) did you use in att	empting to conta	act BLM about the	r MC service over the phon	e for ALL phone call
	Kwacha:					
.20	In the past year, did you e successful or if you were	ever go to the BLM Kawale unsuccessful)?	clinic <u>to get mo</u>	re information ab	out MC or to attend MC c	ounselling (if you w
	1. Yes				0 No	b
.21	When was the first time y MC counselling?	ou went to BLM to get info	rmation about I	MC or to try to at	tend	
	A. Year	B, Month		98. Don	t know	
	C.21b. Was it early, midd	le, or late in the month?				
	1. Early	2. Middle		3. Late		
22	How many times did you	go to the BLM Kawale clinic	e <u>to get</u>			
	more information about	MC or to try to attend MC unsuccessful or if you were	2			
	countsenning (n you were	unsuovessiul ul li you were				

Respondent ID

	Including the travelling time to and from the clinic, as well as the waiting time at the BLM Kawale clinic, approximately how long (thinking about all visits) in total in minutes did you spend at the BLM Kawale clinic <u>to get more information about MC</u> <u>or to attend MC counselling?</u>	C.23b Even if you never went to the BLM Kawale clinic, approximately how long do you think it would take in total in minutes if you were to go to the BLM Kawale clinic to get more information about MC or to attend MC counselling (Including travelling time to and from the clinic and waiting time at the clinic)?
	Time (in minutes):	Time (in minutes)
C.24	In the past year, did you ever go to the BLM Kawale clinic to get M	C surgery (even if you were unsuccessful or decided not to have it)?
	1. Yes	0. No
C.25	When was the first time you went to BLM to get Male Circumcision	Surgery?
	A. Year B. Month	98. Don't know
	C.25b. Was it early, middle, or late in the month?	
	1. Early 2. Middle	3. Late
C.26	How many times did you go to the BLM Kawale clinice to get <u>MC surgery</u> (even if you were unsuccessful or decided not to have it)?	
	Times.	4
C.27a	Including the travelling time to and from the BLM clinic and the waiting time at the BLM Kawale clinic, approximately how long (thinking about all visits) in total in minutes did you spend at the BLM Kawale clinic to get MC surgery?	C.27b Even if you never went to the BLM Kawale clinic, approximately how long do you think it would take in total in minutes if you were to go to the BLM Kawale clinic to get ar <u>MC surgery</u> ? (Including travelling time to and from the clinic
		and waiting time at the clinic)
	Time (in minutes):	and waiting time at the clinic) Time (in minutes):
C.28	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) 0. No
C.28 C.29	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" to any of the follow 1. Yes	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) 0: No
C.28 C.29	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) O. No I. Yes I. Yes O. No
C.28 C.29	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) 0. No 1. Yes 0. No 1. Yes 0. No
C.28 C.29	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes Go to C.30 Which of the following statements do you agree with? READ out each question and mark ALL that apply A. In all, I had no interactions with BLM because I was too busy C. In all, I had no interaction with BLM because I thought it was too costly	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? ing questions - C.15; C.20 and C.24) 0. No 1. Yes 0. No 1. Yes 0. No 1. Yes 0. No
C.28 C.29 C.30	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) 0. No 1. Yes 0. No 1. Yes 0. No 1. Yes 0. No r than BLM to get more information about MC or to attend MC.
C.28 C.29 C.30	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for which (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes Go to C.30 Which of the following statements do you agree with? READ cut each question and mark ALL that apply A. In all, I had no interaction with BLM because I was too busy C. In all, I had no interaction with BLM because I thought it was too costly Did you go anywhere such as a clinic, NGO, or other resource, othe counselling2 1. Yes	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) 0. No 1. Yes 0. No 1. Yes 0. No 1. Yes 0. No er than BLM to get more information about MC or to attend MC. 0. No
C.28 C.29 C.30 C.31	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes Go to C.30 Which of the following statements do you agree with? READ out each question and mark ALL that apply A. In all, I had no interactions with BLM because I wasn't interested a circumcision B. In all, I had no interaction with BLM because I was too busy C. In all, I had no interaction with BLM because I thought it was too costly Did you go anywhere such as a clinic, NGO, or other resource, othe counselling2 1. Yes Where did you go (ff multiple places, please list all places)?	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? ing questions - C.15; C.20 and C.24) 0. No 1. Yes 0. No 1. Yes 0. No 1. Yes 0. No er than BLM to get more information about MC or to attend MC 0. No
C.29 C.30 C.31	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) 0. No 0. No 1. Yes 0. No 1. Yes 0. No er than BLM to get more information about MC or to attend MC. 0. No 0.
C.28 C.29 C.30 C.31 C.32	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for which (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) 0. No 1. Yes 0. No 1. Yes 0. No 1. Yes 0. No er than BLM to get more information about MC or to attend MC. 0. No Go to C.33
C.28 C.29 C.30 C.31 C.32	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes Go to C.30 Which of the following statements do you agree with? READ out each question and mark ALL that apply A. In all, I had no interactions with BLM because I wasn't interested a circumcision B. In all, I had no interaction with BLM because I was too busy C. In all, I had no interaction with BLM because I thought it was too costly Did you go anywhere such as a clinic, NGO, or other resource, othe counselling 1. Yes Where did you go (If multiple places, please list all places)? Name of place(s): Including the travelling time and waiting time at this place, approxim spend there to get more information about MC or to attend MC. Time (in minutes):	and waiting time at the clinic) Time (in minutes) atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) 0. No 1. Yes 0. No 1. Yes 0. No 1. Yes 0. No er than BLM to get more information about MC or to attend MC. 0. No 60 to C.33
C.28 C.29 C.30 C.31 C.32 C.33	Time (in minutes): Interviewer Check: Did respondent ever interact with BLM (for whi (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes	and waiting time at the clinic) Time (in minutes) atever reason, whether or not they were successful in making contact)? wing questions - C.15; C.20 and C.24) 0. No 0. No 1. Yes 0. No 1. Yes 0. No 1. Yes 0. No er than BLM to get more information about MC or to attend MC 0. No Go to C.33 attely how long (thinking about all visits) in total in minutes did you counselling? et MC surgery?
C.28 C.29 C.30 C.31 C.32 C.33	Time (in minutes): Interviewer Check: Did respondent aver interact with BLM (for which (Select "YES" if the respondent answered "YES" to any of the follow 1. Yes Go to C.30 Which of the following statements do you agree with? READ cut each question and mark ALL that apply A. In all, I had no interactions with BLM because I wasn't interested a circumcision B. In all, I had no interaction with BLM because I was too busy C. In all, I had no interaction with BLM because I was too busy C. In all, I had no interaction with BLM because I thought it was too costly Did you go anywhere such as a clinic, NGO, or other resource, othe counselling 1. Yes Where did you go (If multiple places, please list all places)? Name of place(s) Including the travelling time and waiting time at this place, approxim spend there to get more information about MC or to attend MC Time (in minutes): Did you go anywhere such as a clinic or NGO, other than BLM to g 1. Yes	and waiting time at the clinic) Time (in minutes): atever reason, whether or not they were successful in making contact)? atever reason, whether or not they were successful in making contact)? atever reason, whether or not they were successful in making contact)? O. No O.

C.34 Where did you go (If multiple places, please list all places)?

Name of place(s):
C.35 including the travelling and waiting time at this location, approximately how long (thinking about all visits) in total in minutes did you spend there to get MC surgery?
Time (in minutes):

bw, I am going to ask you about your circumcision status. Recall circumcision is the renoval of the foreskin from the conducted in the clinic or traditionally (in the bush). It can be the removal of the entire foreskin or only part of the foreskin temporal of the f	
Are you circumcised? Image: the whole foreskin removed Image: the whole foreskin removed How much of your foreskin was removed: Image: the whole foreskin removed How much of your foreskin was removed: Image: the whole foreskin Image: the whole forewhole whole whole for whole for the surgery? Even if you cant remember exactly, please givestmate.	e penis. This c preskin, It is re most about
It is quite common for men who get circumcised not to have the whole foreskin removed How much of your foreskin was removed: How much of your foreskin was removed: I. The entire foreskin 97. Refused 2. Only some of the foreskin 97. Refused 2. Only some of the foreskin 97. Refused 3. What year did you get circumcised? Y Y Y Y 98. Don't know D3b. Please estimate age when you were circumcised: vinat montri (1-12) did you get circumcised? 1. In Lilongwe at a private clinic (Not BLM) 98. Other. Specify: 98. Other. Specify: 1. No picture 2. Uon't remember 3. Ubescription: 7. What is painted on the ceiling of the BLM operating room? 1. No picture 7. What is the name of the clinic or village where you were circumcised? Clinic: Vinat: Vinat: No the clinic or village where you were circumcise? Clinic: Vinat: Vinat: Vinat: No much did you gay for the circumcision out of pocket for the surgery? Even if you cant remember exactly, please give estimate. Kwacha: No much did you gay for the circumcision out of pocket for the surgery? Even if you cant remember exactly, please give estimate.	
It is quite common for men who get circumcised not to have the whole foreskin removed How much of your foreskin was removed: 1. The entire foreskin 2. Only some of the foreskin 3. What year did you get circumcised? Y Y Y Y 98. Don't know Y Y Y Y 98. Don't know 98. Other, Specify: 1. In Lilongwe at a private clinic (Not BLM) 3. In Lilongwe at a private clinic (Not BLM) 3. In Lilongwe at a private clinic (Not BLM) 3. In Lilongwe at a private clinic (Not BLM) 3. In Lilongwe at a private clinic or village where you were circumcised? Clinic Village: TA/Area : District: 14. Area : District: 1	3. Don't know
Go to D.21 It is quite common for men who get circumcised not to have the whole foreskin removed: It is quite common for men who get circumcised not to have How much of your foreskin was removed: It is quite common for men who get circumcised It is quite common for men who get circumcised not to have It is quite common for men who get circumcised It is guite common for men who get circumcised? It is quite common for men who get circumcised? It is quite common for men who get circumcised? It is quite common for men who get circumcised? It is quite common for men who get circumcised? It is quite common for men who get circumcised? It is quite common for men who get circumcised? It is painted on the celling of the BLM operating room? It is no picture It is the name of the clinic or village where you were circumcised? It is the name of the clinic or village where you were circumcised? It is the name of the clinic or village where you were circumcised? It is the name of the clinic or village where you were circumcised? It is the name of the clinic or village where you were circumcised? It is the name of the clinic or village where you were circumcised? It is the name of the clinic or village where you were circumcised? It is the name of the clinic or village where you were circumcised? It is the name of the clinic or village where you were circumcised? <	
How much of your foreskin was removed: Only if volunteered by res I. The entire foreskin I. I. Lilongwe at a government clinic I. I. Lilongwe at a private clinic (Not BLM) I. I. Lilongwe at a private clinic (Not BLM) I. I. No picture I. Dual remember I. Description: I. No picture I. Dual remember I. Dual private clinic or village where you were circumcised? Clinic: Village: I. How	
1. The entire foreskin 97. Refused 2. Only some of the foreskin 3. There must be mistake. [vass time] What year did you get circumcised? 3. There must be mistake. [vass time] Y Y Y Y 98. Don't know D3b. Please estimate age when you were circumcised: wunat month (1-12) did you get circumcised?	pondent:
2. Only some of the foreskin What year did you get circumcised? Y Y Y Y	last year to ast year.
What year did you get circumcised? Y Y Y Y Y P8: Don't know D3b. Please estimate age when you were circumcised: vvnat montn (1-12) did you get circumcised ?	some cumcised iewed last
Y Y	All and a second se
vvnat montn (1-12) did you get circumcised ?	
What is painted on the celling of the BLM operating room? 1. No picture 2. Don't remember 3. Description; What is the name of the clinic or village where you were circumcised? Clinic: Village: TA/ Area : District: How much did you pay for the circumcision out of pocket for the surgery? Even if you cant remember exactly, please giv estimate. Kwacha:	
1. No picture 2. Don't remember 3. Description; What is the name of the clinic or village where you were circumcised? Clinic: Village: TA/ Area : District: How much did you pay for the circumcision out of pocket for the surgery? Even if you cant remember exactly, please give estimate. Kwacha:	
What is the name of the clinic or village where you were circumcised? Clinic. Village: TA/ Area : District: How much did you pay for the circumcision out of pocket for the surgery? Even if you cant remember exactly, please give estimate. Kwacha:	
Clinic Village: TA/ Area : District: How much did you pay for the circumcision out of pocket for the surgery? Even if you cant remember exactly, please giv estimate. Kwacha:	
TA/ Area : District: How much did you pay for the circumcision out of pocket for the surgery? Even if you cant remember exactly, please giv estimate. Kwacha:	
How much did you pay for the circumcision out of pocket for the surgery? Even if you cant remember exactly, please giv estimate. Kwacha:	
Kwacha:	e us your best
Here confident/sectors are one that you comerched this econoth?	
How confidence and are you that you remember this correctly	
1 Very confident (Certain) 2. A little confident 3. Not at all confident 4.	I'm guessing

8

Respondent ID

	Ask each question				
	A. Wound still open	1. Yes	D. No	F.Scarring	1. Yes 0. No
	B. Foreskin remaining		0. No	G. Bleeding	
	C. Crust	1. Yes	0. No	H, No complications	1. Yes 0. No
	D. Swelling	1. Yes	0. No	I. Other	1. Yes 0. No
	E. Lacerations	1. Yes	0. No	I.Specify:	
0.11	On a scale from 0 - 10 how s	evere would you say	y the complications you	experienced were (Think o	f 10 as the most severe/dangerous
	think of 0 as no complications	5)			
	Scale (0 - 10):				
).12a	Did you receive/buy any med	loations from the foll	lowing:	D.12b. IF yes, how much di spend on medicine?	d you D.12c What medicine w
	A. BLM	1. Yes	0. No	A. Kwa	cha 🛶 A
	B. Pharmacy or other hospita	11. Yes	0. No → I	B. Kwa	cha>B
).13	What was the most painful pa	art of the procedure?	?		
	<i></i>				_
J.14	How many days did it take un	til your penis was co	ompletely healed after l	being circumcised?	
	Days:				
0.15	How many days after the circ	cumcision did you wa	ait until you had sex aft	ter circumcision?	
).15	How many days after the circ	cumcision did you wi	ait until you had sex aft	ter circumcision?	
0.15	How many days after the circ Days:	cumcision did you wi	ait until you had sex aft	er circumcision? er had sex 97, H	lave not had sex since
0.15	How many days after the circ Days:	cumcision did you wa	ait until you had sex aft	er had sex 97. H	lave not had sex since
0.15	How many days after the circ Days:	umcision did you wa	ait until you had sex aft	er had sex 97. H Go to D.19	lave not had sex since
).15	How many days after the circ Days:	sumcision did you wa	ait until you had sex aft	er had sex 97. H Go to D.19	lave not had sex since
).15).16	How many days after the circ Days: In what way has sex changed	cumcision did you wa	ait until you had sex aft	er had sex 97. H Go to D.19	tave not had sex since
).15).16).17	How many days after the circ Days: In what way has sex changed	cumcision did you wa	ait until you had sex aft	er had sex 97, H Go to D.19	tave not had sex since
0.15 0.16 0.17	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex	umcision did you wi	ait until you had sex aft	er had sex 97. H Go to D.19	tave not had sex since
0.15 0.16 0.17	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex 1. Enjoys sex more	umcision did you wa	ait until you had sex aft	er had sex 97. H Go to D.19 u are oircumcised compared ss 3. Er	tave not had sex since
D.15 D.16 D.17 D.17	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex 1. Enjoys sex more Would you say your partner e circumcised?	umcision did you wa I for you since you g more, less or about more, less or about	ait until you had sex aft	er had sex 97. H Go to D.19 Go to D.19 u are circumcised compared ess 3. Er wy that you are circumcised	tave not had sex since
D.15 D.16 D.17	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex I. Enjoys sex more Would you say your partner e circumcised?	umcision did you wi 	ait until you had sex aft 99. Neve jot circumcised? t the same now that you 2. Enjoys sex le s or about the same no	er had sex 97. H Go to D.19 Go to D.19 u are circumcised compared ass 3. Er ow that you are circumcised	tave not had sex since
0.15 0.16 0.17	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex 1. Enjoys sex more Would you say your partner e circumcised? 1. Enjoys sex more 99. No partner	tormoision did you wa	ait until you had sex aft	er had sex 97. H Go to D.19 Go to D.19 u are oircumcised compared ess 3. Er ow that you are circumcised rss 3. Er	tave not had sex since
0.15 0.16 0.17 0.18	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex 1. Enjoys sex more Would you say your partner e circumcised? 1. Enjoys sex more 99. No partner	umcision did you wi	ait until you had sex aft 99. Neve pot circumcised? t the same now that you 2. Enjoys sex le s or about the same no 2. Enjoys sex le	er had sex 97. H Go to D.19 Go to D.19 u are oircumcised compared ess 3. Er ow that you are circumcised	tave not had sex since
0.15 0.16 0.17 0.18	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex 1. Enjoys sex more Would you say your partner e circumcised? 1. Enjoys sex more 99. No partner How many days after the circ	umcision did you wi	ait until you had sex aft	er had sex 97. H Go to D.19 Go to D.19 u are circumcised compared riss 3. Er ow that you are circumcised riss 3. Er the stitches removed?	tave not had sex since
0.15 0.16 0.17 0.18 0.19	How many days after the circ Days:	umcision did you wi	ait until you had sex aft	er had sex 97. H Go to D.19 Go to D.19 u are circumcised compared uss 3. Er w that you are circumcised rss 3. Er the stitches removed? r uu	tave not had sex since
).15).16).17).18).19	How many days after the circ Days:	umcision did you wa for you since you g more, less or about mioys sex more, less umcision did you ret 	ait until you had sex aft	er had sex 97. H Go to D.19 Go to D.19 U are circumcised compared ass 3. Er ow that you are circumcised rss 3. Er e the stitches removed? H diu MC. Total for all of the time i	tave not had sex since
0.15 0.16 0.17 0.18 0.19 0.20	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex I. Enjoys sex more Would you say your partner e circumcised? I. Enjoys sex more 99. No partner How many days after the circ Days. How much money did you los Wages lost (Amount in Kwacl	umcision did you wa I for you since you g more, less or about mjoys sex more, less umcision did you ret 	ait until you had sex aft	er had sex 97. H Go to D.19 Go to D.19 u are oircumcised compared ess 3. Er ow that you are circumcised ess 3. Er e the stitches removed? If unu MC. Total for all of the time i	tave not had sex since
0.15 0.16 0.17 0.18 0.19 0.20 0.21	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex 1. Enjoys sex more Would you say your partner e circumcised? 1. Enjoys sex more 99. No partner How many days after the circ Days. How much money did you los Wages lost (Amount in Kwaci Interviewer check: Respond	umcision did you wa for you since you g more, less or about mijoys sex more, less umcision did you ret e, when you went th ha): 	ait until you had sex aft	er had sex 97. H Go to D.19 Go to D.19 u are circumcised compared ess 3. Er ow that you are circumcised ess 3. Er a uu MC. Total for all of the time i	tave not had sex since
0.15 1.16 1.17 1.18 1.19 1.20	How many days after the circ Days: In what way has sex changed Would you say you enjoy sex 1. Enjoys sex more Would you say your partner e circumcised? 1. Enjoys sex more 99. No partner How many days after the circ Days. How much money did you los Wages lost (Amount in Kwaci Interviewer check: Respond	I for you since you g more, less or about more, less or about mjoys sex more, less uncision did you ret e, when you went th ha): dent's circumcision	ait until you had sex aft	er had sex 97. H Go to D.19 Go to D.19 Go to D.19 u are circumcised compared ses 3. En sw that you are circumcised rss 3. En at the stitches removed? If dou MC. Total for all of the time in estion D.1.)	tave not had sex since

Respondent ID _____

	Days:			
24	Do you think you would enjoy sex more	e. less or about the same if you we	re to become	e circumcised compared to now?
	1. Enjoys sex more	2. Enjoys sex les	s	3. Enjoys sex the same as before
25	Do you think your partner would enjoy	sex more, less or about the same	f you were to	become circumcised compared to now?
	1. Enjoys sex more	2. Enjoys sex les	S	3. Enjoys sex the same as before
26	99. No partner	any days after the circumcision do	/ou think it w	rould take before your penis would be completely
	healed?			
27	Would you ever get circumcised?			
	1, Yes		Γ.	0. No
			Ļ	
	D.28a Why have you not gotten circu	umcised?	D.28b	Why would you not get circumcised?
	-		-	N
	-		-	1
29	How much is the cost of a circumcisio	n at BLM? Even if you do not know	please give	your best estimate.
29 30	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr	n at BLM? Even if you do not know ee circumcisions?	please give	your best estimate.
29 30	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1. Yes	n at BLM? Even if you do not know ee circumcisions? 	please give	your best estimate.
29 30	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1. Yes	n at BLM? Even if you do not know ee circumcisions? 0, No E. Sexual Bet	please give	your best estimate.
29 30 1	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1. Yes i will not ask about the results. Have y	n at BLM? Even if you do not know ee circumcisions? E. Sexual Beh you ever been tested for HIV? 0. No So to E.4	please give	Only If volunteered by responder 2 Uknow I'm HIV+ 3. Uknow I'm HIV-
29 30 1	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1. Yes I will not ask about the results. Have y 1. Yes When was the last time that you had a	n at BLM? Even if you do not know ee circumcisions? D, No E. Sexual Bet you ever been tested for HIV? 0. No So to E.4 at test for HIV?	please give	Only If volunteered by responder
29 30 1	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1. Yes i will not ask about the results. Have y 1. Yes When was the last time that you had a A. Year	n at BLM? Even if you do not know ee circumcisions? E. Sexual Beh rou ever been tested for HIV? 0. No Go to E.4 a test for HIV? B. Month	please give	Only if volunteered by responder Only if volunteered by responder 2 1 know 1m HIV+ 3.1 know 1m HIV-
29 30 1 2 3	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1. Yes I will not ask about the results. Have y 1. Yes When was the last time that you had a A. Year Where were you tested the last time y	n at BLM? Even if you do not know ee aircumcisions? D, No E. Sexual Bet you ever been tested for HIV? 0. No Go to E.4 a test for HIV? B, Month you were tested for HIV?	please give	only if volunteered by responder
29 30 1 2 3	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1, Yes i will not ask about the results. Have y 1. Yes i will not ask about the results. Have y i will not ask about t	n at BLM? Even if you do not know ee circumcisions? 0, No E. Sexual Ber rou ever been tested for HIV? 0. No Go to E.4 a test for HIV? B. Month rou were tested for HIV?	please give	Only if volunteered by responder Only if volunteered by responder 2 Uknow I'm HIV+ 3. I know I'm HIV- 97. Home
29 30 1 2 3	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1. Yes I will not ask about the results. Have y 1. Yes When was the last time that you had a A. Year Where were you tested the last time y Clinic Name/Other VCT center: I am going to ask you about your own	n at BLM? Even if you do not know ee aircumcisions? D. No E. Sexual Bel you ever been tested for HIV? 0. No So to E.4 a test for HIV? B. Month you were tested for HIV? a test of HIV?	please give	Only if volunteered by responder Only if volunteered by responder 2 1 know 1m HfV+ 3.1 know 1m HfV- 97. Home Fm not going to ask if you are married, or
29 30 1 2 3 ow 1 4	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1. Yes 1 will not ask about the results. Have y 1. Yes 1. Yes When was the last time that you had a A. Year Where were you tested the last time y Clinic Name/Other VCT center: am going to ask you about your owr ing that might reveal details about you In your opinion, what is the likelihood likelihood, Low Likelihood	n at BLM? Even if you do not know ee circumcisions? C. No E. Sexual Bef you ever been tested for HIV? O. No B. Month No were tested for HIV? B. Month you were tested for HIV? B. Month J. Medium likelihood)?	please give	your best estimate. Only if volunteered by responder Only if volunteered by responder 2. Uknow I'm HIV+ 3. Uknow I'm HIV+ 97. Home Fm not going to ask if you are married, or w (No Only if volunteered by responder 5. Uknow I am HIV+
.29 .30 .1 .2 .3 ow	How much is the cost of a circumcisio Kwacha: Have you ever heard of BLM giving fr 1. Yes 1 will not ask about the results. Have y 1. Yes 1. Yes When was the last time that you had a A. Year Where were you tested the last time y Clinic Name/Other VCT center: (am going to ask you about your own ing that might reveal details about you In your opinion, what is the likelihood likelihood, Low Likelihood	n at BLM? Even if you do not know cee circumcisions? Course of the steed of the s	please give	your best estimate. Only if volunteered by responder 2 Uknow fm HIV+ 3 Uknow fm HIV+ 97. Home Fm not going to ask if you are married, or w (No Only if volunteered by responder 5. Uknow I am HIV+ w 6. Tknow I am HIV+

Respondent ID

	future?
	1. No likelihood 3. Medium likelihood 98. Don't Know
	2. Low likelihood 4. High Likelihood
6	Now think about you yourself, do you think you are at higher, lower or equal risk than the average man of becoming infected with HIV/Aids?
	1 Lamat higher risk 2 Lamat lower risk 3 Lamat equal risk 98 Don't Know
7	Came was experience and during uningten have an unusual diseasars from the papir or have earrow in the genital area. During the part 4
	some men experience pain during unnation, have an unusual discharge from the perils, or have sores in the general area, buring the past 4 weeks, have you had
	1. Pain during urination? 1. Yes 0. No 3. Sores in the genital area? 1. Yes 0. No
	2. Unusual discharge from the 1. Yes 0. No penis?
8	When was the last time that you had sex?
	Read out options and mark one 1. In the last week 2. In the last 2 weeks 4. In the last 6 months
	3. In the last month 5. In the last year
	6: Prior to one year ago
	Go to E.13 Go to E.13
9	Thinking about ALL your different partners over the past month In the past week, how many times did you have sex?
	Times
10	How many of these times did you use a condom?
10	How many of these times did you use a condom? Times:
10 11	How many of these times did you use a condom? Times:
10 11	How many of these times did you use a condom? Times: Thinking about ALL your different partners over the past month in the past <u>month</u> , how many times did you have sex? Times:
10 11 12	How many of these times did you use a condom? Times: Thinking about ALL your different partners over the past month. In the past month, how many times did you have sex? Times: How many of these times did you use a condom?
10 11 12	How many of these times did you use a condom? Times: Times: How many of these times did you use a condom? Times: Times: Times: Times:
10 11 12 13	How many of these times did you use a condom? Times: Times: How many of these times did you use a condom? Times: How many of these times did you use a condom? Times: How many of these times did you have sex with in the past month?
10 11 12	How many of these times did you use a condom? Times: Times: How many of these times did you use a condom? Times: How many of these times did you use a condom? Times: How many different women did you have sex with in the <u>past month</u> ? Number:
10 11 12 13	How many of these times did you use a condom? Times: Thinking about ALL your different partners over the past month in the past month, how many times did you have sex? Times: How many of these times did you use a condom? Times: How many different women did you have sex with in the past month? Number: How many different women did you have sex with in the past year?
10 11 12 13	How many of these times did you use a condom? Times:
10 11 12 13 14	How many of these times did you use a condom? Times: Thinking about ALL your different partners over the past month in the past month, how many times did you have sex? Times: How many of these times did you use a condom? Times: How many of these times did you have sex with in the past month? Number: How many different women did you have sex with in the past month? Number: How many different women did you have sex with in the past year? Number: Image:
10 11 12 13 14	How many of these times did you use a condom? Times: Thinking about ALL your different partners over the past month In the past month, how many times did you have sex? Times: How many of these times did you use a condom? Times: How many of these times did you have sex with in the past month? Number: How many different women did you have sex with in the past month? Number: Image: 0. No sex in the past year The last time you had sex, how many minutes did it take before ejaculation? Minutes:
10 11 12 13 14 15 16	How many of these times did you use a condom? Times: Times: Mow many of these times did you use a condom? Times: How many of these times did you use a condom? Times: Mow many different women did you have sex with in the past month? Number: How many different women did you have sex with in the past wear? Number: Image:
10 11 12 13 14 15	How many of these times did you use a condom? Times: Times: How many of these times did you use a condom? Times: How many of these times did you use a condom? Times: How many of these times did you have sex with in the past month? Number: How many different women did you have sex with in the past year? How many different women did you have sex with in the past year? Number: How many different women did you have sex with in the past year? The last time you had sex, did you use a condom? The last time you had sex, did you use a condom? The last time you had sex, did you use a condom?
10 11 12 13 14 15 16	How many of these times did you use a condom? Times: Thinking about ALL your different partners over the past month in the past month, how many times did you have sex? Times: How many of these times did you use a condom? Times: How many of these times did you have sex with in the past month? How many different women did you have sex with in the past month? Number: How many different women did you have sex with in the past year? Number: Image: Image: Imagee: <tr< td=""></tr<>
10 11 12 13 14 15 16 17	How many of these times did you use a condom? Times: Times: Times: How many of these times did you use a condom? Times: How many of these times did you use a condom? Times: How many of these times did you use a condom? Times: How many different women did you have sex with in the <u>past month</u> ? Number: How many different women did you have sex with in the <u>past year</u> ? Number: How many different women did you have sex with in the <u>past year</u> ? The last time you had sex, how many minutes did it take before ejaculation? Minutes: The last time you had sex, did you use a condom? Minutes: How main reason a condom was not used this last time?
10 11 12 13 14 15 16 17	How many of these times did you use a condom? Times: Thinking about ALL your different partners over the past month in the past month, how many times did you have sex? Times: How many of these times did you use a condom? Times: How many different women did you have sex with in the past month? Number: How many different women did you have sex with in the past year? Number:
10 11 12 13 14 15 16 17	How many of these times did you use a condom? Times: Thinking about ALL your different partners over the past month in the past month, how many times did you have sex? Times: How many of these times did you use a condom? Times: How many different women did you have sex with in the past month? Number: — How many different women did you have sex with in the past year? Number:

Respondent ID

E19 FEAD People conclines have sex in different ways. Ore of those ways is and sex, which is when a woman pleasures a man by usin mouth to stimulate his penis. This is also known as knyamva chida cha abambo. Some people call it crosser, build jobu, mikilophone, knyamwa shada. Kunyambia, kuludana, or very hubuiusa. A Hav you ever hered of form ask, hyper best or inclusion of the sex ways is or inclusion. D. Hav you ever or celved oral sex from and organised from oral sex. (You ever organised from oral sex.) A Hav you ever hered of form ask mathematic ever were ever do and sex from a woman? D. Hav you ever organised from oral sex.) You thave a few questions about your background (migration), employment and income generating activities. F. F. Economics Now I have a few questions about your background (migration), employment and income generating activities. F. Ab flyes, how many months did you do this in the past year? A. Salaried job 1, Yes D. No A. Monthis B. Being a student 1, Yes D. No M. Monthis D. Day Labor 1, Yes D. No M. Monthis S. Have you ever worked as an enumentar/inferviewer? Time: Time: Time:		1. Yes and saw cond	000	2 Yes, but didn't see it	3 No con	lom with me
139 READ: People sometimes have sex in different ways. One of those ways is oral sex, which is when a woman pleasures a man by using individual to parameters. Init is also known as kwyarma which is a woman? D. Have you ever which a woman pleasures a man by using the data at a atmab. Some people all a crosses, build plus, mikiphone, kuyarma shada, knyarmba, kukudana, or kuphukusa. Alway ou ever head D. Have you ever D. Have you ever D. Have you ever D. Have you ever E. Did you e' or gasmed from oral swarmach well a use man? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we woman? E. Did you e' or gasmed from oral swarmach we warmach we warmach in the gast woman? E. Did you e' or gasmed from oral swarmach we warmach we war			en —	er testan nun toss n.		on nut net
h Hav you ever heard of or out is have you ever or out is a second of the second of t	.19	READ: People sometimes hav mouth to stimulate his penis. kuyamwa shada, kunyambita.	e sex in different ways. O This is also known as kuya kukudana, or kuphukusa	ne of those ways is oral sex, v amwa chida cha abambo. Son	which is when a woman ple ne people call it orosex, bul	asures a man by using h o jobu, mikilophone.
of cell say, kuyanva drind at, bagamba hor drill work received of at say from drill sear of the other terms for that not the other terms for the other terms for the other terms for the other terms for that not the other terms for the other for the other terms for the other for the other for the other for the following actions did you have to complete as part of the job recruitment process for your current job or your most recent work experience? for the terms for the other for the following actions did you have to take a test as part of the recruitment process for your current job or your most recent work experience? for the other for the other	A. Ha	ve you ever heard	B. Has your best or	C. Have you ever	D. Have you eve	E. Did you enjoy
arry of the chart terms regr a woman? for this? I. Yes I. Yes I. Yes I. Yes I. Yes I. F. Economics F. Economics Tow I have a few questions about your background (migration), employment and income generating activities. 1. F. f.al in the past yer, have you participated in the following as a primary activity or occupation? F. 4. If yes, how many months did you do this in the past year? A. Salaried job I. Yes O. No A. Solaried job I. Yes O. No D. B. Months B. Being a student I. Yes O. No D. Mo the work that you have done in the gast month in which you have been paid cash or kind. How much do you estimate that you have earned in the past month? Kwacha Have you ever worked as an enumerator/interviewer? I. Yes O. No I. Yes D. Idy you have to compete with other applicants for the position? O. No I. Yes D. Idy you have to athere at est as part of the recruitment process for your current	chid:	ai sex, kuyamwa a cha abambo, or	ever received oral sex	a woman?	orgasmed from o sex?	ral receiving oral sex
Without 1. Yes 1. Yes 0. No F. Economics 0. No 0. No 0. No for Provide a few questions about your background (migration), employment and income generating activities. 1. F. Sa In the pasty ear, have you participated in the following as: a primary activity or occupation? F.1b If yes, how many months did you do this in the past year? A. Salaried job 1. Yes 0. No B. Being a student 1. Yes 0. No D. Jay Labor 1. Yes 0. No D. Jay Labor 1. Yes 0. No J. Think about all of the work that you have done in the past month? Kwacha .2 Think about all of the work that you have done in the past month? Kwacha	any	of the other terms	from a woman?	A	Distr.	
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D. Day Labor 1. Yes 0. No D. Months		C. Just Sitting	1. Yes 0. No	C. Months		
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How much do you estimate that you have earned in the past month? Kwacha 3 Have you ever worked as an enumerator/interviewer? 1 Yes 0 No 4 How many times? Times:	2	Think about all of the work that	it you have done in the <u>pa</u>	<u>st month in which you have be</u>	een paid cash or kind.	
Kwacha 3. Have you ever worked as an enumerator/interviewer? 1. Yes 0. No 4. How many times? Times: 5. Which of the following actions did you have to complete as part of the job recruitment process for your current job or your most recent work experience? Think about jobs as very general. • READ out choices A Did you have to complete with other applicants for the position? 0. No 1. Yes B Did you have to take a test as part of the recruitment process? 0. No 1. Yes C Did you have to undergo an interview? D Did you have to attend a training? 0. No 1. Yes 1. Yes 0. No 1. Never attended a job interview 3. 2 - 5 times 1. Never attended a job interview 3. 2 - 5 times		How much do you estimate th	at you have earned in the	past month?		
.3 Have you ever worked as an enumerator/interviewer? .1 Yes 0. No Go to F.5 .4 How many times? Times:		Kwacha				
3. Have you ever worked as an enumerator/interviewer? 1. Yes 0. No 4. How many times? Times: .5. Which of the following actions did you have to complete as part of the job recruitment process for your current job or your most recent work experience? Think about jobs as very general. .7. READ out choices A Did you have to compete with other applicants for the position? 0. No 1. Yes B Did you have to take a test as part of the recruitment process? 0. No 1. Yes C Did you have to undergo an interview? 0. No 1. Yes D Did you have to attend a training? 0. No 1. Yes 1. Yes 0. No 1. Yes 1. Yes D Did you have to attend a training? 0. No 1. Yes 1. Never attended a job interview 3. 2 - 5 times 1. Never attended a job interview 3. 2 - 5 times 2. Once 4. 5 - 10 times 8. More than 25 times		104				
1 Yes 0. No Go to F.5 4 How many times? Times: 5 Which of the following actions did you have to complete as part of the job recruitment process for your current job or your most recent work experience? Think about jobs as very general. 7 READ out choices A Did you have to complete with other applicants for the position? 0. No 1 Yes B Did you have to take a test as part of the recruitment process? 0. No C Did you have to undergo an interview? 0. No D Did you have to attend a training? 0. No 6 Thinking about the last 5 years, how many times have you attended an interview for a job (include those interviews you attended but you not successful in getting the job)? 1 Never attended a job interview 3. 2 - 5 times 2. Once 4. 5 - 10 times	3	Have you ever worked as an	numerator/interviewer?			
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Respondent ID _____

				and the second states with
	1, Rural (in a village)	2. Peri-urban (at a tradi	ng center) 3. Urba	n (town or city)
8	Between the ages of 10 and 15 years of trading center); Urban (in a town or city	of age in what type of area did you spend /)?	most of your time - Rural (in a village)	Pen-urban (at a
	1, Rural (in a village)	2. Peri-urban (at a tradi	ng center) 3. Urbai	n (town or city)
.9	How many years total have you lived in	Lilongwe city?		
	Number of years:			
		X Gender Norms		
or ti	his section, I will read you some stater	nents. Please tell me if you agree, part	ially agree, or disagree with each st	atement.
4	It is the man who decides when to hav	e sex.		
	1. Agree	2. Partially agree	3, Disagree	
.2	There are times when a women deserv	ves to be beaten		
	1. Agree	2. Partially agree	3. Disagree	
(.3	You don't talk about sex, you just do it			
	1. Agree	2. Partially agree	3. Disagree	
e ac	Changing dispars, giving the kids a ba	th and feeding the kids are a woman's re	spansibility	
	Changing diapers, giving the kids a da	2. Partially agree	2 Distance	
			J. Disagree	
.5	I would be outraged it my wite asked it	e to use a condom		
	1. Agree	2. Partially agree	3. Disagree	
.6	A man should have the final word about	It decisions in his home		
	1. Agree	2. Partially agree	3. Disagree	
.7	It is a woman's responsibility to avoid g	etting pregnant when a pregnancy is not	desired	
	1. Agree	2. Partially agree	3. Disagree	
.8	Women need health services more that	n men		
	1. Agree	2. Partially agree	3. Disagree	
.9	I would feel weak if I asked for help	2000		
		2. Partially agree	3 Disagree	
.10	If a women cnears on a man, it is okay	tor nim to nit ner		
		2 Partially agree	3 Disame	
-	Man need say more than upman do			
au		In Destablished	le encourt	
	1. Agree	2. Partially agree	3. Disagree	
.12	A man needs other women, even if this	ngs are fine with his wife	10-10-10-	
	1. Agree	2. Partially agree	3. Disagree	
.13	Men are always ready to have sex			
	1. Agree	2. Partially agree	3. Disagree	

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	Scale (0 - 10)	51		
X.15	Current Time:			
	Se	ection G: Condor	n Purcha	ises
G.1	I would now like to give you 30 Kwa	acha to thank you for your tin	ne today	
	Circulate sign here that you have rec	serve and money.		
	Signature:			<u></u>
G.2	I also have brought with me chisan purchase a pack for 5 Kwacha, or r your condom purchase here.	go condoms. They are availa fyou would just like one con-	able for you to p dom, you may p	urchase for a discounted price. You can purchase it for 2 Kwacha. I will also record
	Would you like to purchase any cor	Cited as a day of		
		ndoms today?		
	1. Yes	0. No	_	Go to Section O.
G.3	1. Yes	0. No.	→	Go to Section O.
G.3	1. Yes How many condoms would you like	0. No.	→	Go to Section O.
G.3	1. Yes How many condoms would you like Number	to purchase?		Go to Section O
G.3 Befor	1. Yes How many condoms would you like Number e leaving the household, give the r	to purchase? O. O respondent his allocation o	FFICE:	Go to Section O.
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Respondent ID

0.4	How wealthy is the individual relative to other individuals in K	awale?
	1. Much wealthier than others 3. About equ	ally wealthy 5. Much poorer than others
	2. Slightly wealthier than others 4. Slightly po	orer than others 98. Don't know
0.5	Was respondent interviewed at his home?	
	1. Yes 0. No	Go to 0.7
D.6	How wealthy is the household relative to other households in	Kawale?
	1. Much wealthier than others 3. About equ	ally wealthy 5. Much poorer than others
	2 Slightly wealthier than others 4. Slightly po	orer than others 98. Don't know
0.7	How patient was the respondent during the interview?	
	1. Very impatient 2. Somewhat impatient	ent 3. Somewhat patient 4. Very patient
0.8	Any additional notes/observations you have?	
	2	
	2	
0.9	Do you think the respondent was truthful about his circumcisi	on status, explain:
0.9	Do you think the respondent was truthful about his circumcisi	on status, explain:
0.9	Do you think the respondent was truthful about his circumcisi	on status, explain:
D.9	Do you think the respondent was truthful about his circumcisi Please remember to fill out t	on status, explain:
0.9	Do you think the respondent was truthful about his circumcisi Please remember to fill out t QUESTIONNAIRE TRACKING - TO BE COMPLETED BY S	on status, explain: the result code on the coversheet
D.9	Do you think the respondent was truthful about his circumcisi Please remember to fill out t QUESTIONNAIRE TRACKING - TO BE COMPLETED BY S 0.10 Questionnaire remains with core team	on status, explain: The result code on the coversheet SUPERVISORS: 1. Yes 0. No 8 Supervisor:
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0.9 TO BE 0.15 0.16	Do you think the respondent was truthful about his circumcisis Please remember to fill out to QUESTIONNAIRE TRACKING - TO BE COMPLETED BY S 0.10 Questionnaire to Rawale tracking team 0.11 Questionnaire to Kawale tracking team 0.12 Questionnaire to tracking team 0.13 Questionnaire to Qualitative team 0.14 Questionnaire to Data capture team 0.14 QUESTIONNAIRE TRACKING - TO BE COMPLETED BY SUPERVISORS: Interview Checked by Requires Callback1. Yes0. No	on status, explain:

Respondent ID

Appendix E: Power calculations

From our experience, we expect very low refusal rates in participation. Initially, we had not planned on conducting a follow-up survey and thus did not account for attrition to the follow-up study.

Power calculations were conducted examining one main outcome variable: circumcision at the clinic. Statistical power is a function of the expected effect size, the level of significance desired and sample size (Kish 1965; Cohen 1977). In health research, standardised effect sizes of approximately 0.20–0.30 are considered worth detecting. With one site in Malawi with 1,600 men, we would be able to detect minimum effect sizes of 0.16 for the effect of information. Testing across voucher amounts between the lowest and highest two amounts consists of a sample size of approximately 900 men; this yields a minimum detectable effect size of 0.21 with 90 per cent power.



Figure 6 Power calculation for different sample sizes

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Qualitative research about male decisionmaking showed that social networks play an important role in deciding to have a circumcision, and that men take time to gather information before making their decision. Significant demand-generation efforts are needed for this HIV prevention strategy to be effective.

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