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# Appendix

## 9. Appendices

### 9.1 Survey questionnaire

**Questionnaire prepared to assess sexual behaviour, sexually transmitted infections, health service utilization and preference of young adults aged 15-24 in predominantly rural Ethiopia, Butajira**

Name of enumerator		Name of supervisor	
Kebele /Village <input type="text"/>		Urban <input type="checkbox"/> Rural <input type="checkbox"/>	
Household numbers <input type="text"/>			
Individual ID <input type="text"/>			
Part I: socio-demographic profile (questions 1-25)			
1	Age of the respondent	<input type="text"/> Years	
2	Sex	. 1. Male 2. Female	
3	What is your religion?	1. Muslim 2. Protestant 3. Orthodox	4. Catholic 5. No religion 6. Others (Specify)
4	Do you attend religious programs like church and mosque programs	0. Never 1. Always	2. Every week 3. Some times
5	Are you married?	1. Never-married 2. Married 3. Co-habitated	4. Separated 5. Divorced 6. Widowed
6	What is your level of education?	00. Illiterate 66. Read and write 1. Primary 1-6	2. Secondary 7-12 3. Above high school level
7	Are you currently attending school?	1. Yes 2. No (Skip to question number 10)	
8	Do you have intention of progressing in your studies/schooling?	1. Yes 2. No (Skip to question number 10)	
9	If yes what is your target?	1. Want to go to college/University 2. Want to go to technical school 3. Want to complete elementary education and look for a job	4. Want to complete high school education and look for a job 5. Not certain about it 6. Others specify
10	Mothers educational level	00. Illiterate 66. Read and write 1. Primary 1-6 (grade)	2. Secondary 7-12 (grade) 3. Above high school level 4. Do not know
11	Fathers educational level	00. Illiterate 66. Read and write 1. Primary 1-6 (grade)	2. Secondary 7-12 (grade) 3. Above high school level 4. Do not know
12	With whom are you currently living?	1. With both parents 2. With mother only 3. With father only	6. With friends 7. Alone 8. With relatives

		4. With sisters/brothers 5. Under marital union	9. Others specify																															
13	Number of siblings currently living with	1. Male _____	2. Female _____																															
14	What is your occupation?	1. Unemployed 2. Student 3. Farmer 4. Government employee 5. Privately employed	6. Merchant 7. House wife 8. Unpaid family worker 9. Others (specify)																															
15	How much is your parents/or your average monthly income?	1. Do not know 2. _____ Birr/ Month/Year 3. Do not want to give information																																
16	What is the major family means of income?	1. Farming 2. Business 3. Government salary 4. Daily labourer	5. Privately employed 6. Pension 7. Support from own children 8. Others specify _____																															
17	What additional means's of subsistence does the family have?	0. None 1. Farming 2. Business 3. Government salary 4. Daily labourer 5. Privately employed	6. Pension 7. Children's support 8. Income from house rent 9. Income from rented land 10. Others Specify _____																															
18	What is the land ownership condition of the family?	1. Has no land 2. Rented-out all the land 3. Rented-out half of the land	4. Own additional land through lease 5. Use totally leased land 6. Use own land																															
19	What is the size of the land that the family own in 'Timad'?		Timad																															
20	Please read the list and record the number of livestock the household owns.																																	
	<table border="1"> <thead> <tr> <th>No</th> <th>Type of livestock</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> <td></td> </tr> <tr> <td>20.1</td> <td>Cows</td> <td></td> </tr> <tr> <td>20.2</td> <td>Oxen</td> <td></td> </tr> <tr> <td>20.3</td> <td>Calve</td> <td></td> </tr> <tr> <td>20.4</td> <td>Goats</td> <td></td> </tr> <tr> <td>20.5</td> <td>Sheep</td> <td></td> </tr> <tr> <td>20.6</td> <td>Horses</td> <td></td> </tr> <tr> <td>20.7</td> <td>Mules</td> <td></td> </tr> <tr> <td>20.8</td> <td>Donkeys</td> <td></td> </tr> </tbody> </table>				No	Type of livestock	Number	0	None		20.1	Cows		20.2	Oxen		20.3	Calve		20.4	Goats		20.5	Sheep		20.6	Horses		20.7	Mules		20.8	Donkeys	
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21	Does the family own radio?	1. Yes (functioning) 2. Yes (none-functioning) 3. No																																
22	Does the family own TV set?	1. Yes (functioning) 2. Yes (none-functioning) 3. No																																
23	Who is the owner of the house you are living in?	1. Own house 2. Leased from private 3. Leased from government																																
24	What is the material the roof is made of?	1. Corrugated Iron sheet 2. Regular thatched	3. High quality thatched (kifkef) 4. Others specify _____																															
25	How do you usually spend your leisure time?	1. Sport activities in sport centres 2. Sport activities in the village 3. Reading books 4. At video houses 5. At bars drinking alcohol 6. Chewing khat 7. At religious places	8. At parks 9. At home doing embroidery 10. Listening to radio at home 11. Watching TV at home 12. Bride's place 13. Others specify _____																															
Part two: substance abuse (questions 26-42)																																		

26	Do you drink alcohol? 1. Yes 2. No (skip to Q30)	27. How often do you drink alcohol? 1. Every day 2. Two to three times in a week 3. Every week	4. Every month 5. Some times 6. On holydays	
27	How often do you drink alcohol?	1. Every day 2. Two to three times in a week 3. Every week	4. Every month 5. Some times 6. On holydays	
28	Have you ever been drunk?	1. Yes 2. No	29. Have you been drunk in the last 12 months? 1. Yes 2. No	
30	Have you ever chewed kat?	1. Yes 2. No (skip to Q33)	31. Did you chew kat in the last 12 months? 1. Yes 2. No	
32	How often do you chew?	1. Every day 2. Two to three times in a week 3. Every week	4. Every month 5. Some times 6. On holydays	
33	Have you ever smoked cigarettes?	1. Yes 2. No (Skip to Q 37)	34. Did you smoke cigarettes in the last 12 months? 1. Yes 2. No	
35	How often did you smoke?	1. Every day 2. Two to three times in a week 3. Every week	4. Every month 5. Some times 6. On holydays	
36	How much do you smoke in a day?	1. More than a packet a day 2. A packet 3. Half a packet 4. _____ cigarette per day		
37	Have you ever inhaled any substance (Shisha)?	1. Yes 2. No (Skip to Q 40)	38. Did you inhale (Shisha) in the last one year? 1. Yes 2. No	
39	How often did you inhale the substances?	1. Every day 2. Two to three times in a week 3. Every week	4. Every month 5. Some times 6. On holydays	
40	Have you ever used cannabis/hashish in your life time?	1. Yes 2. No (Skip to Q no 43)	41. Did you use cannabis/hashish in the last 12 months? 1. Yes 2. No	
42	How often did you inhale the substances?	1. Every day 2. Two to three times in a week 3. Every week	4. Every month 5. Some times 6. On holydays	
<b>Part three: knowledge and perception of HIV/AIDS (questions 43-59)</b>				
43	Have you heard about HIV/AIDS?	1. Yes 2. No (skip to question number 57)		
44	Where do you hear most about it? (Probe and check what the respondent tells you)	1. At school from teachers 2. At school from min media From friends At school from Anti AIDS clubs Anti AIDS clubs out of school From parents	8. From health professionals 9. From community meetings 10. From printed materials 11. From radio	

		From brothers/sisters	From T/V 12. Others specify____	
45	Do you know how HIV/AIDS transmits from one person to another?	1. By having unsafe sexual intercourse 1. Yes 2. No 3. Do not know 2. By using unsafe blood transfusion 1. Yes 2. No 3. Do not know 3. From mother to child before the baby is born 1. Yes 2. No 3. Do not know 4. From mother to child during delivery 1. Yes 2. No 3. Do not know 5. From mother to child through breast milk 1. Yes 2. No 3. Do not know 6. Using contaminated sharp objects 1. Yes 2. No 3. Do not know 7. Sharing tooth brush. 1. Yes 2. No 3. Do not know 8. By eating together 1. Yes 2. No 3. Do not know 9. By shaking hands 1. Yes 2. No 3. Do not know 10. By bite of mosquitoes 1. Yes 2. No 3. Do not know 11. By sharing toilet 1. Yes 2. No 3. Do not know 12. Others specify_____		
46	Do you know any preventive methods to protect yourself from HIV/AIDS?	1. Abstinence 1. Yes 2. No 3. Do not know 2. Having one faithful partner 1. Yes 2. No 3. Do not know 3. Using condoms 1. Yes 2. No 3. Do not know 4. Avoid using contaminated sharp objects 1. Yes 2. No 3. Do not know 5. Avoid mosquito bites 1. Yes 2. No 3. Do not know 6. Avoid partners with many sexual partners 1. Yes 2. No 3. Do not know 7. Avoid sharing toilets 1. Yes 2. No 3. Do not know 8. Using screened blood 1. Yes 2. No 3. Do not know 9. Avoid eating together with AIDS patients 1. Yes 2. No 3. Do not know 10. Avoid welcome kissing with AIDS patients 1. Yes 2. No 3. Do not know 11. Avoid shaking hands with AIDS patients 1. Yes 2. No 3. Do not know 12. Others (specify)_____		
47	Do you know anyone who has or died of HIV/AIDS?	1. Yes 2. No		
48	What is the likelihood that you are at risk of getting HIV/AIDS in the course of your life?	1. Very likely 2. Likely 3. Nether neither likely nor unlikely		

		4. Unlikely 5. Very unlikely	
49	What is your chance of being infected with HIV/AIDS' with your current behaviour?	1. Very likely 2. Likely 3. Neither likely nor unlikely 4. Unlikely 5. Very unlikely	
50	How certain are you that you can protect yourself from the infection in the forthcoming years?	1. Extremely certain 2. Certain 3. Nether neither likely nor unlikely 4. Uncertain 5. Not certain at all	
51	Have you ever discussed on matters related to HIV/AIDS with your parents?	1 Yes 2. No	
52	Have you heard about VCT?	1. Yes 2. No (Skip to Q 57)	
53	Have you undergone VCT?	1. Yes 2. No (Skip to Q 55)	
54	What was the reason for undergoing VCT?	1. To travel abroad 2. To know ones status 3. To engage in marriage 4. Others specify _____	
55	If you intend to undergo VCT in the future what would be the reason?	1. I do not intend to under go VCT 2. To travel abroad 3. To know my status 4. To engage in marriage 5. Others specify _____	
56	What are the reasons for not using VCT services?	1. The disease doesn't have cure 2. Afraid of discrimination and stigma 3. I don't think I have the disease 4. I am not sexually active 5. I am married 6.Others specify _____	
57	Have you heard about condoms?	1. Yes 2. No (skip to 60)	
58	Have you ever seen condom?	1. Yes 2. No	
59	Where do you get condoms?	1. Do not know 2. Health units 3. In shops 4. In pharmacies 5. In bars/hotels 6. From friends 7. From TBAs 8.Others specify----	
Part four: Sexual practice (questions 60-94)			
60	Have you ever discussed on matters related to reproduction and sexuality with your parents (For never-married only)	1. Yes 2. No	
61	Have you ever had sexual intercourse?	1 Yes 2. No (skip to question. no 73)	
62	How old were you when you had the first sexual intercourse?	<input type="text"/> Years old	
63	How was it initiated?	1. In marriage 2. Peer influence 3. Partners influence 4. Coerced 5. In exchange for money or gifts 6. Personal desire 7. Drunk, 8.Under the influence of drugs 9. Abduction 10.Others _____	
64	With whom was it initiated?	1. With friends 2. With a stranger 3. With husband /wife 4. With a prostitute 5. Others specify _____	
65	Did you have sex in the past 12 months?	1. Yes 2. No	

66	How many different sexual partners did you ever have?	1. One partner 2. More than one partner 3. I do not remember 4. I do not want to talk about you	
67	Did you have sexual partners in the last twelve months?	1. Yes 2. No (Skip to Q 69)	
68	How many sexual partners did you have in the last 12 months?	1. One partner 2. More than one partner 3. I do not remember 4. I do not want to talk about you	
69	Have you ever used condom?	1. Yes always 2. Yes but not always 3. No	
70	Have you used condom in the past 12 months?	1. Yes always 2. Yes but not always 3. No	
71	Have you ever had sex with a stranger ( a person whom you do not know him/her before)	1. Yes 2. No	
72	Have you used condom when you had sex with a stranger?	1. Yes always 2. Yes but not always 3. No	
To be answered by both sexually active and inactive youth (Q 73-77)			
73	Have you ever made travels by yourself that require spending at least a night outside home?	1. Yes 2. No (Skip to Q 78 for girls) (Skip to Q 79 for boys) 3. Do not remember	
74	Have you ever made travels by yourself that require spending at least a night outside home in the past one year (12 months)?	1. Yes 2. No (Skip to Q 78 for girls) (Skip to Q 79 for boys)	
75	Where did you spend the night?	1. Hotel 2. With friends 3. With relative 4. Others (specify)	
76	Did you sleep with a friend who is opposite sex when you passed the night outside home?	1. Yes always 2. Yes some times 3. No	
77	Did you have sex when you stay the night outside your home	1. Yes always 2. Yes some times 3. No	
For boys who are sexually active (Q 78-80)			
78	Have you ever had sex with a commercial sex worker? (Boys only)	1. Yes 2. No (Skip to question. no. 84)	
79	Did you have sex with a commercial sex worker in the past 12 months?	1. Yes always 2. Yes but not always 3. No	
80	Did you use condom when you had sex with a commercial sex worker in the last 12 months?	1. Yes always 2. Yes but not always 3. No	
For girls who are sexually active (Q81-83)			
81	Did you ever receive gift or money for exchange of sex?	1. Yes 2. No	
82	Did you ever receive gift or money for exchange of sex in the last 12 months?	1. Yes 2. No	
83	What did you use to dry your vagina in order to have dry sex?	1. Nothing 2. Using the smoke of herbs	

		3. Using clothes 4. Others specify	
For both sexes who are sexually active (Q 84-87)			
84	Did you have sexual intercourse in the past 3 months?	1. Yes 2. No	
85	With whom did you have your last sexual intercourse?	1. With a friend 2. With a stranger 3. Husband/Wife	4. With commercial sex worker 5. Others specify _____
86	Did you use condom in your last sexual intercourse?	1. Yes (Skip to Q 88) 2. No	
87	What is the main reason for not using condoms?	1. Not readily available 2. I am married 3. I trust my partner 4. Expensive 5. Embarrassed to buy 6. Shy to ask my partner 7. Objection from partner	8. I was under the pressure of substance abuse like Khat 9. I was under the pressure of substance abuse like cannabis 10. It decrease pleasure 11. Was drunk 12. Others specify _____
Both who are sexually active and inactive youth, despite their sexes should attempt this question (Q 88-94)			
88	What is the attitude of the society you are living with, towards sex before marriage (keeping one's Virginity)?	1. Intercourse before marriage 2. Supports keeping the virginity until marriage 3. Do not support keeping virginity until marriage 4. Do not know	
89	Do you believe in the cultural value that girls should keep their virginity until marriage?	1. Yes 2. No	
90	Do you believe in the cultural value that boys should keep their virginity until marriage?	1. Yes 2. No	
91	If your answer to question number 89 and 90 is yes, what do you think is the reason?	1. It creates a sense of trustworthiness among partners 2. Religious reasons 3. It protects me and my partner from getting sexually transmitted diseases 4. It protects me and my partner from getting HIV/AIDS 5. It is a taboo to have sexual intercourse before marriage	
92	If the answer for the above questions 89 and 90 is no what would be the reason?	1. It is good to have sexual practice 2. Good to try many till you get loved ones 3. Keeping virginity is out of date matter 4. It is difficult to be sexually inactive until marriage. 5. As a boy I do not need to be virgin 6. It is embarrassing to be virgin	
93	Are you interested in marrying a virgin?	1. Yes 2. No 3. I am indifferent	
94	Is the person you married a virgin	1. Yes 2. No 3. Do not know	
Part five: predicting HIV/AIDS preventive behaviours using (TPB) (questions 95-114)			
The following are statements about whether or not you plan to use condom when having sexual intercourse with your partner (casual and or regular) in the future			
95	I intend to use condom when having sexual intercourse with my partner in the future	1. Very likely 2. Likely 3. Neither likely nor unlikely 4. Unlikely 5. Very unlikely	
96	I plan to use condom when having sexual intercourse with my partner in the future	1. Strongly agree 2. Agree 3. Neither agree nor disagree	



		4. Disagree 5. Strongly disagree	
97	I want to use condom when having sexual intercourse with my partner in the future	1. Strongly agree 2. Agree 3. Neither agree nor disagree 4. Disagree 5. Strongly disagree	
We would like to know how you feel about using condom with a casual partner [attitudes]			
98	For me using condom when having sexual intercourse with my partner in the future is <u>beneficial</u>	1. Strongly agree 2. Agree 3. Neither agree nor disagree 4. Disagree 5. Strongly disagree	1.
99	For me using condom when having sexual intercourse with my partner in the future is unpleasant	1. Strongly agree 2. Agree 3. Neither agree nor disagree 4. Disagree 5. Strongly disagree	
100	100. For me using condom when having sexual intercourse with my partner in the future is harmful	1. Strongly agree 2. Agree 3. Neither agrees nor disagrees 4. Disagree 5. Strongly disagree	
101	101. For me using condom when having sexual intercourse with my partner in the future is good	1. Strongly agree 2. Agree 3. Neither agree nor disagree 4. Disagree 5. Strongly disagree	
We would like to know how you think that other people who are important to you (such as sexual partner, friends, siblings, parents, religious leader, and doctor) think about you using condom			
102	People who are important to me think that I should use condom when having sexual intercourse with my partner in the future	1. Completely true 2. True 3. Neither true nor false 4. False 5. Completely false	
103	People who are important to me would appreciate that I use condom when having sexual intercourse with my partner in the future	1. Completely true 2. True 3. Neither true nor false 4. False 5. Completely false	
104	People who are important to me (friends, siblings, teachers, religious leader, doctors) encourage me to use condom when having sexual intercourse with their partners	1. Completely true 2. True 3. Neither true nor false 4. False 5. Completely false	
105	People who are important to me use themselves condom when having sexual intercourse with their partners	1. Completely true 2. True 3. Neither true nor false 4. False 5. Completely false	
We would like to know how easy or difficult you think it is for you to use condom when having sexual intercourse with your partner			

106	How easy or difficult do you think it will be for you to use condom when having sexual intercourse with your partner in the future	1. Very easy 2. Easy 3. Neither easy nor difficult 4. Difficult 5. Very difficult	
107	107. For me to use condom when having sexual intercourse with my partner is difficult because I feel it is embarrassing to use condom	1. Completely certain 2. Certain 3. Neither certain nor uncertain 4. Uncertain 5. Completely uncertain	
108	For me to use condom when having sexual intercourse with my partner is difficult because the prices of condom is very high in the shops	1. Completely certain 2. Certain 3. Neither certain nor uncertain 4. Uncertain 5. Completely uncertain	
109	For me to use condom when having sexual intercourse with my partner is difficult because I feel shy to discuss condom use with my partner	1. Completely certain 2. Certain 3. Neither certain nor uncertain 4. Uncertain 5. Completely uncertain	
110	For me to use condom when having sexual intercourse with my partner is difficult because my sexual partner refuses to use condom	1. Completely certain 2. Certain 3. Neither certain nor uncertain 4. Uncertain 5. Completely uncertain	
111	For me to use condom when having sexual intercourse with my partner is difficult because condoms are not readily available to buy	1. Completely certain 2. Certain 3. Neither certain nor uncertain 4. Uncertain 5. Completely uncertain	
112	For me to use condoms when having sexual intercourse with my partner is difficult because I am often drunk or are doing drugs before sexual intercourse	1. Completely certain 2. Certain 3. Neither certain nor uncertain 4. Uncertain 5. Completely uncertain	
Think back on the past 3 months, please consider the following statements			
113	I have used condom when having sexual intercourse with my partner during the previous 3 months.	1. Completely true 2. True 3. Neither true nor false 4. False 5. Completely false	
114	How often have you used condom when having sexual intercourse with your partner during the previous 3 months	1. All the time 2. Some times, but not every time 3. Seldom 4. Never 5. I have not had sexual intercourse with a casual partner	
Part six: Sexually transmitted diseases and health service utilizations (questions 115-142)			
115	Do you know any sexually transmitted disease?	1. Yes 2. No (skip to question. no. 133)	
116	If your answer for the previous	HIV	Chancroid

	question is yes, would you kindly mention the STDs you know?	<p>1. Yes 2. No Gonorrhoea 1. Yes 2. No Syphilis 1. Yes 2. No</p>	<p>1. Yes 2. No LGV 1. Yes 2. No 6 Others (specify)</p>	
117	What are some of the signs and symptoms of sexually transmitted diseases?	<p>1. Ulcer on and around the genitalia 1. Yes 2. No Swelling around the genitalia 1. Yes 2. No Discharge from the genitalia 1. Yes 2. No Burning during urination 1. Yes 2. No</p>	<p>Itching of the genitalia 1. Yes 2. No  Warts around the genitalia 1. Yes 2. No Loss of weight 1. Yes 2. No Long standing diarrhoea 1. Yes 2. No Ulcer all over the body Others (specify) _____</p>	
118	How are sexually transmitted diseases transmitted from one person to another?	<p>1. By sexual intercourse with an infected person 1. Yes 2. No 3. Do not know 2. Having more than one sexual partner 1. Yes 2. No 3. Do not know 3. By sharing clothes 1. Yes 2. No 3. Do not know 4. Using unsafe blood transfusion 1. Yes 2. No 3. Do not know 5. Contaminated sharp objects 1. Yes 2. No 3. Do not know 6. From mother to child during pregnancy 1. Yes 2. No 3. Do not know 7. From mother to child during delivery 1. Yes 2. No 3. Do not know 8. From mother to child through breast milk 1. Yes 2. No 3. Do not know 9. By sitting on hot stone 1. Yes 2. No 3. Do not know 10. By urinating on hot stone 1. Yes 2. No 3. Do not know  11. By urinating facing the moon 1. Yes 2. No 3. Do not know</p>		
119	How can one prevent Sexually transmitted diseases?	<p>1. Avoid having sexual intercourse with an infected person 1. Yes 2. No 3. Do not know 2. Having one faithful sexual partner 1. Yes 2. No 3. Do not know 3. Using condoms 1. Yes 2. No 3. Do not know 4. Avoid using blood transfusion that is not screened 1. Yes 2. No 3. Do not know 5. Avoid sitting on hot stones 1. Yes 2. No 3. Do not know 6. Avoid urinating on hot stones 1. Yes 2. No 3. Do not know 7. Avoid urinating facing the moon 1. Yes 2. No 3. Do not know 8. Others specify</p>		

120	In which of the following health institutions do you think youth of your age get health services for STIs?	1. Hospital 2. Health centre 3. Private clinic 4. Pharmacy 5. School clinic	6.Traditional healer 7.Traditional healer 8. Village injector 9. There is not health service that provides services for the youth so easily	
121	Which health institution do you think are affordable for the youth of your age?	1. Hospital 2. Health centre 3. Private clinic 4. Pharmacy	5. School clinic 6. Traditional healer 7. Village injector 8. It is hard to find a health service that provides services for the youth so easily	
122	Do you think the health services provided for STIs are accessible for the youth of your age?	1. Yes 2. No 3.Do not know		
123	Do you think the health services provided for STIs is accepted by the youth of your age?	1. Yes 2. No 3.Do not know		
124	Do you think the health services provided for STIs are satisfactory for the youth of your age?	1. Yes 2. No 3.Do not know		
Questions (125-130) are statements about health services for STIs, we want to know your attitude towards this statements				
125	Health services are suitable for secret use by the youth for STIs.	1. Extremely agree 2. Agree 3. Neither	4. Do not agree 5. Extremely do not agree	
126	Health professionals have good reception for youth of your age.	1. Extremely agree 2. Agree 3. Neither	4. Do not agree 5. Extremely do not agree	
127	Health professionals keep the health related secrets of the youth confidentially.	1. Extremely agree 2. Agree 3. Neither	4. Do not agree 5. Extremely do not agree	
128	The youth of your age are shy to seek health services for STIS	1. Extremely agree 2. Agree 3. Neither	4. Do not agree 5. Extremely do not agree	
129	Youth of your age refrain from using health services from fear of being seen by parents or others who know them	1. Extremely agree 2. Agree 3. Neither	4. Do not agree 5. Extremely do not agree	
130	The timing of health services are convenient for youth of your age.	1. Extremely agree 2. Agree	4. Do not agree 5. Extremely do not agree	
Question (131-137) inquires the health condition of the individual with regard to STIS				
131	Have you ever had the following symptoms?	1. Unusual discharge form the genitalia 1. Yes 2. No 2. Ulcer around the genitalia 1. Yes 2. No 3. Swelling around the genitalia 1. Yes 2. No Burning sensation during urination 1. Yes 2. No 5. Itching of the genitalia 1. Yes 2. No 6. Genital warts. 1. Yes 2. No 7. I have all the symptoms 1. Yes 2. No		

		8. I do not have the above symptoms. 1. Yes 2. No (skip to question number 138)	
132	Did you have the following symptoms in the past one year?	1. Unusual discharge from the genitalia 1. Yes 2. No 2. Ulcer around the genitalia 1. Yes 2. No 3. Swelling around the genitalia 1. Yes 2. No Burning sensation during urination 1. Yes 2. No 5. Itching of the genitalia 1. Yes 2. No 6. Genital warts. 1. Yes 2. No 7. I have all the symptoms 1. Yes 2. No 8. I do not have the above symptoms. 1. Yes 2. No (skip to question number 140)	
133	What did you do to cure the disease at first? (Multiple reply is possible)	1. Did nothing 2. I treat my self with modern methods 3. Treated my self with traditional medicine 4. Seek treatment from pharmacy 5. Seek help from traditional healer 6. Seek help from hospital or health centre 7. Seek help from private health institution. 8. Others (specify)	
134	Why do you choose the above service?	1. Because of its efficiency 2. It is cheap 3. User friendly services 4. Proximity to my residential area 5. Confidentiality 6. Others specify	
135	What did you do to cure the disease last? (Multiple reply is possible)	1. Did nothing 2. I treat my self with modern methods 3. I treat my self with traditional medicine 4. Seek treatment from pharmacy 5. Seek help from traditional healer 6. Seek help from hospital or health centre 7. Seek help from private health institution. 8. Others (specify)	
136	Why do you choose the above service?	1. Efficiency 2. Cheap 3. User friendly services 4. Proximity to my residential area 5. Confidentiality 6. Others specify	
137	If you did not seek help from modern health units, what was the reason?	1. Do not know where to get services 2. It is embarrassing 3. Expensive 4. Unfriendly service 5. It is far 6. Poor confidentiality 7. Others specify	
Question (138-142) youth health services choice for STIs			

138	What qualities do you think should health services for the youth with STIs should fulfil?	1.Friendly services 2. Confidentiality 3.Accessibility 4.Cheap 5.Proximity to residential area Others 6.Other specify)	
139	How do you think the health services for the youth of your age with STIs should be organised?	1. At youth centres 2. At schools 3. At health institutions as before 4. In a separate youth clinics	
140	Who do you think should provide the health services for the youth of your age with STIs?	1. A young individual with same age and sex 2. A young individual of any sex 3. An adult professional of any sex 4. An adult professional of the same sex 5. Any professional can give the service	
141	Where do you think should a health service for the youth of your age with STIs should be situated?	1. Closer to your house 2. Far from your residential area 3. Indifferent 4.Others specify	
142	What do you think should be the cost of health services for the youth of your age with STIs?	1. Free 2. Special discount	3. Previous price 4. Others specify

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## 9.2 In-depth interview guide

1. Who are young adults in your classification?
  - Probe for gender differences
  - Probe for age differences
  - Probe for difference between married and never married
2. Do these young people come to this health institution seeking health care?
  - Probe for proportion of male and female compared with adults
3. What are the main complaints they come with?
  - Probe for reproductive health problems, pregnancy, STIs, Puberty related problems, rape and domestic violence?
4. When young people come to your health unit, do they directly tell their problem (symptoms) or go around the bushes?
5. What are the commonly prevalent STIs in this health unit?
  - Probe for ulcerative STIs,
  - Probe for gender differential
  - Probe for frequency of youth with STIs coming to your facility
6. Generally can we say that STI is still a health problem for young adults?
7. In your opinion do you consider reproductive health as a youth health problem, i.e., when compared to other health problems?
8. Do you have health programs that address youth reproductive health problems in the health institute?
9. Do you think youth would be interested to utilize the service if a special youth reproductive health unit is organized for them in the government facility?
10. What if it is established in youth centres and schools?



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11. When youth come with reproductive problems like rape, having un-wanted pregnancy, incomplete abortion or STIs, how is the attitude of the health professionals in handling these problems?

- Probe if they welcome them, If they promise to keep their secrets and do so, or if they blame or threaten them?
- Probe for information about client complaint regarding a mishandling or stigmatization, blaming or threatening?

12. What type of professional do youth usually prefer?

- Probe for sex
- Probe for age
- Probe for behaviour
- Probe for recommendation

13. Can you tell me one interesting or challenging exceptional case of STI or other youth reproductive health problem you have faced so far and how you have handled it?

14. From the lessons learned, what do you recommend, and what do you think is difficult?

15. Where do you think the youth prefer to go, private or public health units?

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## 9.3 Consent form

### **Consent form prepared for the reproductive health study of young adults in Southern Ethiopia Meskan and Mareko Districts**

Greetings, my name is \_\_\_\_\_, currently I am working for the Department of Community Health, Addis Ababa University. The aim of my presence at your place today is with the following objectives. Currently we are conducting a research on the reproductive health of the youth aged 15-24 years. The information we inquire in this research include: personal feelings, attitudes, knowledge, and other events that could have occurred in the walks of life. We involve around a thousand such people, and you are selected to participate in this study randomly. All the information that you provide us will be kept confidential. You have all the right not to participate at all, to discontinue in the middle of the interview or to continue when you have time. Your participation is completely voluntary and your experience could be very helpful in controlling the deadly disease HIV/AIDS. If you have any question or any thing which is not clear you can ask now.

- Do not agree to be interviewed
- Agrees to be interviewed
- Parents agreement for under 18 years of age

Thank the participant for her time and end,

---

To be completed by the interviewer

I certify that I have read the above consent procedure to the participant.

Signed:

## 9.4 Letters of Ethical approval

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Regional komité for  
medisinsk forskningsetikk  
Vest-Norge (REK Vest)

[www.ssi.uib.no/etik/](http://www.ssi.uib.no/etik/)

Bergen, 18.01.05

To whom it may concern

### Confirmation (REK Vest no. 268.04 )

We hereby confirm that the research protocol, *Reproductive Health of young Adults in Rural  
Bustadla: Major Contemporary Issues*, has been evaluated by The Regional Committee for  
Medical Research Ethics in Western Norway (REK Vest).

The protocol is now approved.

Sincerely,

Arne Sjølie  
Secretary



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The Federal Democratic Republic of Ethiopia  
Ethiopian Science and Technology Agency

ቁጥር RDHE/42-66/2006  
Ref No. 2 JAN 2006  
ቀን \_\_\_\_\_  
Date

Dr. Legesse Zerihun  
Associate Dean for Postgraduate and Research  
Faculty of Medicine, AAU  
Addis Ababa

Re: Assessment of reproductive health of young adults in rural Ethiopia, Butajira:  
Major contemporary issues (HIV/AIDS)

The National Ethics Review Committee (NERC) has reviewed the above mentioned project proposal based on its operational guideline.

We are happy to inform you that the project is ethically approved for implementation. Worth mentioning however, your institution is kindly requested to monitor the ethical implementation of the project as stipulated in the project document.

Sincerely yours,



*Yemane Teklai*  
YEMANE TEKLAJ (Dr.)  
Head, Health Department  
and Secretary of NERC

cc.

Mitike Molla  
Department of Community Health(TM)  
Addis Ababa University  
Addis Ababa

*File*  
*Mitike Molla*

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