

Study No: □□□□ ID-M: □□□□

ID-Matched: CO □□□□ to CO □□□□ (Please number)

Age : □□ years (± 5 years)	Gender: <input type="checkbox"/> 1. Male <input type="checkbox"/> 2. Female
Date of admission (IPD): □□/□□/25 □□ (± 3 months)	

Instruction: Please mark in the box you wish to answer. If the question asks for a number, please write the number in the box

1	2	3	4	5	6	7	8	9	0
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, large enough but not touching the box and one number per box. Please use either black or blue pen.

Part 1 History of liver fluke infestation, taking praziquantel and other antihelminthic drugs, and chemical exposure

1.1 Question for those who have had stool examination and *Opisthorchis viverrini* (OV) eggs were found

1.1.1 Have you ever had “**a stool examination**” and “**found OV. eggs**”?

- 1. Never (If this is the answer, skip to 1.2 on page 2)
- 2. I have had a stool examination and found OV. eggs
- 3. I have had a stool examination but OV. eggs were not found
(If other parasites were found, please specify) (Skip to 1.2 on page 2)
- 9. Not Know/Not sure (Skip to 1.2 on page 2)

1.1.2 If you have had “**a stool examination**” and “**found OV. eggs**”, did you take “**Praziquantel**”? (Show the sample of praziquantel tablets and its packing to participate before answering the question)

- 1. No, praziquantel were taken (Skip to 1.3 on page 2)
- 2. Yes, praziquantel were taken
- 9. Don't know/Not sure

1.1.3 How many times did you take “**Praziquantel**”?

times (Please write the number of time, if not know give estimate)

1.1.4 How old were you the first time you took “**Praziquantel**”?

Age years (Please write the number)

1.1.5 How long age was the last time you took “**Praziquantel**”?

- 1. Days → days 2. Months → months
- 3. Years → years 9. Not know/Not sure

1.1.6 Normally each time you took praziquantel drugs was when you had “**a stool examination**” and “**found OV. eggs**”

- 1. Yes 2. No 9. Don't know/Not sure

1.1.7 Where did you get “**the Praziquantel**” from?

- 1. Self-bought 2. Local health authority 9. From other places, please specify.....

1.1.8 In one day, how many “**Praziquantel**” tablets do you take?

tablets/day (Please specify the number of tablets)

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1.2 Question for those who “have never had stool examination BUT have taken praziquantel drugs”

1.2.1 Have you ever taken “**Praziquantel**” “**without stool examination**” ?

1. Never (Skip to 1.3) 2. Yes 9. Don't know/Not sure

1.2.2 Within one day how many tablets of “**Praziquantel**” do you take?

tablets/day (Please specify the number of tablets)

1.2.3 How many times have you taken “**Praziquantel**”?

times (Please specify the number of times, if not know, estimate)

1.2.4 When was the last time did you “**take**” “**Praziquantel**”?

1. Days (Specify number) days
 2. Months (Specify number) months
 3. Years (Specify number) years
 9. Don't know/Not sure

1.3 Taking other antihelminthic drugs

1.3.1 Have you ever taken antihelminthic drugs?

Antihelminthic drugs (Please specify e.g. trademark, brands of antihelminthic drugs)	Number of times (Please specify)	Frequency of taking				How long ago? (Please specify)	
		per day (1)	per week (2)	per month (3)	per year (4)		
.....	<input type="checkbox"/> 1. Yes	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
.....	<input type="checkbox"/> 2. No						

1.4 Chemical exposure

1.4.1 Have you ever done agricultural work such as farming **excluding** fishery, forestry or livestock?

1. Yes
 2. No

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1.4.2 Have you ever used herbicide?

Used of herbicide (Please specify e.g. trademark, brands of herbicide)	Number of times (Please specify)	Frequency of using herbicide				How long have you used herbicide? (Please specify)	
		per day (1)	per week (2)	per month (3)	per year (4)		
.....	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.4.3 Have you ever used rodenticide?

Used of rodenticide (Please specify e.g. trademark, brands of rodenticide)	Number of times (Please specify)	Frequency of using rodenticide				How long have you used rodenticide? (Please specify)	
		per day (1)	per week (2)	per month (3)	per year (4)		
.....	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.4.4 Have you ever used pesticide?

Used of pesticide (Please specify e.g. trademark, brands of insecticide)	Number of times (Please specify)	Frequency of using pesticide				How long have you used pesticide? (Please specify)	
		per day (1)	per week (2)	per month (3)	per year (4)		
.....	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.4.5 Have you ever used fungicide?

Used of fungicide (Please specify e.g. trademark, brands of fungicide)	Number of times (Please specify)	Frequency of using fungicide				How long have you used fungicide? (Please specify)	
		per day (1)	per week (2)	per month (3)	per year (4)		
.....	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Part 2 General Information

- 2.1 Height □□□.□ cm Weight □□.□ kg
- 2.2 What was your weight 5 years ago? □□.□ kg 9. Can't remember/Don't know
- 2.3 Comparing you present weight now and 5 years ago.
 1. Increased 2. Decreased 3. The same
- 2.4 Marital Status
 1. Single 2. Married 3. Widowed 4. Separated
- 2.5 Nationality
 1. Thai 2. Chinese 3. Hill tribe people (Please specify).....
 4. Others (Please specify).....
- 2.6 Religion
 1. Buddhist 2. Christian 3. Moslem 4. Others (Please specify).....
- 2.7 Workplace (Please specify province)..... Postal code □□□□□
- 2.8 Present address (Please specify province)..... Postal code □□□□□
 1. In town 2. Suburb
- 2.9 Place of birth (Please specify province)..... Postal code □□□□□
- 2.10 Native language
 1. Dialect (E-san) 2. Thai 3. Chinese 4. Others (Please specify).....

Part 3 Education and Occupation

- 3.1 Have you ever attended school?
 1. Yes 2. No (Skip to 3.3)
- 3.2 Highest level of education
 1. Primary school 2. Secondary school 3. High school
 4. Diploma 5. University 6. Others (Please specify).....
- 3.3 Current occupation
 1. No job 2. Merchant 3. Factory worker
 4. Laborer 5. Government official/State enterprise 6. Employee
 7. Farmer 8. Others (Please specify).....
- 3.4 What was your longest occupation? (Please specify).....Duration
(Please specify)..... □□ years
- 3.5 What is your current income per month (Only your income)? □□□□□ THB/month

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Part 4 Smoking history

4.1 Have you ever smoked in your life? (Please choose only one answer)

Smoking History	Meaning	Please specify number of cigarettes smoked per (Day/Month/Year)	Starting age	Stopping age
<input type="checkbox"/> 1. Used to	At least once a day and stopped more than a year	□□ /.....	□□	□□
<input type="checkbox"/> 2. Sometimes	Less than once a day	□□ /.....	□□	□□
<input type="checkbox"/> 3. Always	At least once a day	□□ /.....	□□	□□
<input type="checkbox"/> 4. No				

4.2 If you did “**smoke**” or “**smoke always**”, what was your brand? (Choose one option)

1. Filtered government cigarettes 2. Non-filtered government cigarettes 3. Self-rolled
 4. Tobacco chewing 5. Others (Please specify).....

4.3 Do you still smoke now?

1. Yes → number of cigarettes □□ (Please specify)
per 1. Day 2. Month 3. Year
 2. Stopped at age □□ years
 9. Don't remember

Part 5 Alcohol history

5.1 Have your ever drunk alcohol in your life? Such as alcohol, rice whisky, beer, wine or local liquor

1. Yes 2. No (Skip to Part 6 number 6.1)

5.2 If you have drunk alcohol before, what is your preferred drink? (Please specify).....

5.3 From 5.2 please give details

Do you still drink alcohol?	Amount per day	Unit per Day	Frequency	How long have you drunk alcohol? (Please specify)
<input type="checkbox"/> 1. Yes	□□ (Please specify)	<input type="checkbox"/> 1. Glass but not flask <input type="checkbox"/> 2. Flask <input type="checkbox"/> 3. Large bottle <input type="checkbox"/> 4. Others (Please specify).....	<input type="checkbox"/> 1. Less than once a month <input type="checkbox"/> 2. 1-3 times /month <input type="checkbox"/> 3. 1 time /week <input type="checkbox"/> 4. 2-5 times /week <input type="checkbox"/> 5. Daily	□□ years
<input type="checkbox"/> 2. No	<i>If this is your answer please specify age of quitting. If you cannot remember, give an estimate □□ years</i>			

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Part 6 Betel nut chewing history

6.1 Have you ever chewed betel nuts?

- 1. Yes
- 2. No (Skip Part 7 number 7.1 page 6)

6.2 If you have chewed betel nuts before, please give the following details:

Do you still chew betel nuts	Amount chewed per time	Betel nut unit	Frequency of chewing	How long have you chewed	Quitting age
<input type="checkbox"/> 1. Yes	□□ (Please specify)	<input type="checkbox"/> 1. Day <input type="checkbox"/> 2. Month <input type="checkbox"/> 3. Year <input type="checkbox"/> 4. Other (Please specify).....	<input type="checkbox"/> 1. Less than once a month <input type="checkbox"/> 2. 1-3 time/month <input type="checkbox"/> 3. 1 time/week <input type="checkbox"/> 4. 2-5 time/week <input type="checkbox"/> 5. Daily	□□ years
<input type="checkbox"/> 2. No	<i>If this is your answer, please specify the age you stopped or estimate □□ years</i>				

Part 7 History of residential environment

7.1 Last year, where was the toilet?

- 1. In the house
- 2. Outside the house/With roof and walls
- 3. No toilet

7.2 Last year what was your water source?

- 1. Tap water
- 2. Well water
- 3. River water
- 4. Others (Please specify).....

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Part 8 History of eating local nitrite-containing foods and using herbs

8.1 Have you ever eaten the following foods?

Foods		Number of times	Frequency of eating				How many years age? (Please specify)
			per day (1)	per week (2)	per month (3)	per year (4)	
1) Salted fish water fresh, salted meat	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	□	□	□	□	□□ years
2) Raw fish, Partial raw fish (e.g. Lap-Pla, Koi-Pla)	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	□	□	□	□	□□ years
3) Fermented product (e.g. Pla-chao, Pla-chom)	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	□	□	□	□	□□ years
4) Meat grill/smoked	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	□	□	□	□	□□ years
5) Chinese sausage/ other sausage	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	□	□	□	□	□□ years
6) Pickled vegetables or fruits	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	□	□	□	□	□□ years

8.2 History of herb usage in the last 3 years

Herb usage history		Number of time	Frequency of consumption			
			per day (1)	per week (2)	per month (3)	per year (4)
1) In last 3 years, have your ever used Chinese herbs or Thai herbs to treat illness?	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	□	□	□	□

2) How long did you use the above mentioned herbs? □□ years □□ months (Please specify the number)

3) Please specify the name of herbs used.

.....

.....

.....

.....

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Part 9 History of eating fermented fish (Pla-ra)

9.1 Eating fermented fish

Eating fermented fish		Number of times per month (Please specify)	Frequency of eating fermented fish	How long have you eaten fermented fish?
1) Have you ever eaten fermented fish?	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Less than once a month <input type="checkbox"/> 2. 1-3 time/month <input type="checkbox"/> 3. 1 time/week <input type="checkbox"/> 4. 2-5 time/week <input type="checkbox"/> 5. Daily	□□ years
	<input type="checkbox"/> 2. No	<i>(Skip to part 10 number 10.1 page 10)</i>		

9.2 Type of fermented fish (Choose only one)

Type of fermented fish		Number of times per month (Please specify)	Frequency of eating fermented fish	How long have you eaten fermented fish?
1) Do you normally eat cooked fermented fish? (Including used for cooking or eating separately)	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Less than once a month <input type="checkbox"/> 2. 1-3 time/month <input type="checkbox"/> 3. 1 time/week <input type="checkbox"/> 4. 2-5 time/week <input type="checkbox"/> 5. Daily	□□ years
	<input type="checkbox"/> 2. No			
2) Do you normally eat raw fermented fish? (Including used for cooking or eating separately)	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Less than once a month <input type="checkbox"/> 2. 1-3 time/month <input type="checkbox"/> 3. 1 time/week <input type="checkbox"/> 4. 2-5 time/week <input type="checkbox"/> 5. Daily	□□ years
	<input type="checkbox"/> 2. No			

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9.2 Type of fermented fish (choose only one)

Type of fermented fish		Number of times per month (Please specify)	Frequency of eating fermented fish	How long have you eaten fermented fish?
3) Do you normally eat half-cooked fermented fish?	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Less than once a month <input type="checkbox"/> 2. 1-3 time/month <input type="checkbox"/> 3. 1 time/week <input type="checkbox"/> 4. 2-5 time/week <input type="checkbox"/> 5. Daily	□□ years
	<input type="checkbox"/> 2. No			

9.3 Fermented fish source

9.3.1 Where dose the fermented fish you eat come from? (Please choose only one answer)

Fermented Fish source		Amount of fermented fish per time (1 Haisong =30 kgs.)	Frequency of producing fermented fish
1) Where dose the fermented fish you eat come from?	<input type="checkbox"/> 1. Self-made	□□	<input type="checkbox"/> 1. per day <input type="checkbox"/> 2. per week <input type="checkbox"/> 3. per month <input type="checkbox"/> 4. per year
	<input type="checkbox"/> 2. Bought	□□	<input type="checkbox"/> 1. per day <input type="checkbox"/> 2. per week <input type="checkbox"/> 3. per month <input type="checkbox"/> 4. per year
	<input type="checkbox"/> 3. Self-made and bought	□□	<input type="checkbox"/> 1. per day <input type="checkbox"/> 2. per week <input type="checkbox"/> 3. per month <input type="checkbox"/> 4. per year

9.4 If you made the fermented fish, would you finish 1 Haisong (30 kgs.) in 1 year

1. Yes 2. No 9. Don't know/Not sure

9.5 How many people share the same Haisong of fermented fish? □□ People (Please specify number)

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9.6 How many adults? □□ people

9.7 How many children? (Age less than 12 years) □□ people

9.8 Do you still eat fermented fish?

1. Yes, □□ Times per day (Please specify number)

2. No, I stopped at age □□ years

9. Don't remember

Part 10 Health history

10.1 Do you have "**Viral hepatitis**"?

1. Yes 2. No (Skip to 10.3) 3. Don't know/Never investigated (Skip to 10.3)

10.2 If you have "**Viral hepatitis**", please give the following detail:

Viral hepatitis		Age Infection started	Viral hepatitis treated or non	Type of treatment
1) hepatitis A	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Yes
	<input type="checkbox"/> 2. No		<input type="checkbox"/> 2. No	
2) hepatitis B	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Yes
	<input type="checkbox"/> 2. No		<input type="checkbox"/> 2. No	
3) hepatitis C	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Yes
	<input type="checkbox"/> 2. No		<input type="checkbox"/> 2. No	
4) unknown type of viral hepatitis	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Yes
	<input type="checkbox"/> 2. No		<input type="checkbox"/> 2. No	
5) others type (Please specify).....	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Yes
	<input type="checkbox"/> 2. No		<input type="checkbox"/> 2. No	

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10.3 Have you ever had the following diseases? (Not now)

Diseases		Age of onset (years)	Is it recurring	Mode of Treatment
1) Tuberculosis	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> 9. Don't know	<input type="checkbox"/> 1. Modern Medicine <input type="checkbox"/> 2. Traditional Medicine <input type="checkbox"/> 3. Others (Please specify).....
	<input type="checkbox"/> 2. No			
2) Malaria	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> 9. Don't know	<input type="checkbox"/> 1. Modern Medicine <input type="checkbox"/> 2. Traditional Medicine <input type="checkbox"/> 3. Others (Please specify).....
	<input type="checkbox"/> 2. No			
3) Cancer	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> 9. Don't know	<input type="checkbox"/> 1. Modern Medicine <input type="checkbox"/> 2. Traditional Medicine <input type="checkbox"/> 3. Others (Please specify).....
	<input type="checkbox"/> 2. No			
4) Sexually Transmitted Diseases	<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> 9. Don't know	<input type="checkbox"/> 1. Modern Medicine <input type="checkbox"/> 2. Traditional Medicine <input type="checkbox"/> 3. Others (Please specify).....
	<input type="checkbox"/> 2. No			

10.4 Have you ever had "**Diabetes**"

Diabetes	Age of onset (years)	Mode of Treatment
<input type="checkbox"/> 1. Yes	□□	<input type="checkbox"/> 1. Insulin injections <input type="checkbox"/> 2. Oral medication <input type="checkbox"/> 3. Others (Please specify).....
<input type="checkbox"/> 2. No		

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Part 11 History to using hormones and pregnancy (Only for females)

(If male skip to Part 12 number 12.1)

11.1 Usage of contraceptives or hormones

Hormone usage	Objective of Hormone usage	Number of times	Frequency of using hormones	Type of Hormone Treatment	How long did you use?
1) Have you ever taken “contraceptive”? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	<input type="checkbox"/> 1. Contraception <input type="checkbox"/> 2. Menopause Treatment <input type="checkbox"/> 3. Others (Specify).....	□□	<input type="checkbox"/> 1. Daily <input type="checkbox"/> 2. Weekly <input type="checkbox"/> 3. Monthly <input type="checkbox"/> 4. Annually	<input type="checkbox"/> 1. Tablet <input type="checkbox"/> 2. Injection <input type="checkbox"/> 3. Others (Specify).....
2) Have you ever taken other hormones? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	<input type="checkbox"/> 1. Contraception <input type="checkbox"/> 2. Menopause Treatment <input type="checkbox"/> 3. Others (Specify).....	□□	<input type="checkbox"/> 1. Daily <input type="checkbox"/> 2. Weekly <input type="checkbox"/> 3. Monthly <input type="checkbox"/> 4. Annually	<input type="checkbox"/> 1. Tablet <input type="checkbox"/> 2. Injection <input type="checkbox"/> 3. Others (Specify).....

11.2 Pregnancy

Pregnancy	Age of first pregnancy	Total number of pregnancy
1) Have you ever been pregnancy? <input type="checkbox"/> 1. Yes	□□	□□
<input type="checkbox"/> 2. No	<i>Skip to Part 12 number 12.1</i>	

Part 12 History of receiving blood, donating blood and history of cancer in the family

12.1 Have you ever received blood, (excluding this time)

Blood Transfusion	Frequency of “Blood Transfusion”	What was the year of your last transfusion?
1) Have you ever received blood? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	<input type="checkbox"/> 1. 1 time <input type="checkbox"/> 2. 2-4 times <input type="checkbox"/> 3. 5 more than 5 times <input type="checkbox"/> 4. Don’t know	B.E 25 □□

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12.2 Have you ever donated blood?

Blood donated		Frequency of donating blood	When was the time you donated?
1) Have you ever donated blood	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	<input type="checkbox"/> 1. 1 time <input type="checkbox"/> 2. 2-4 times <input type="checkbox"/> 3. 5 more than 5 times <input type="checkbox"/> 4. Don't know	B.E 25 □□

12.3 Have you ever had the following experiences?

Experience	Age of onset (Please specify)	Comment (What you want to let doctor know?)
1) Operation (Excluding this time) <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	
2) Tattoo <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	
3) Body piercing such as tongue, ear <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	
4) Circumcision <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	
5) Dental operation such as tooth filling, tooth extractor, root canal treatment <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	□□	

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12.4 Family history of cancer

Family history of cancer		Family member that had cancer	Location of cancer
1) Family member with history of cancer (family member includes grandparent, parents, children or grandchildren)	<input type="checkbox"/> 1. Yes	<input type="checkbox"/> 1. Father	
		<input type="checkbox"/> 2. Mother	
		<input type="checkbox"/> 3. Sibling	
		<input type="checkbox"/> 4. Son/Daughter	
		<input type="checkbox"/> 5. Paternal grandfather	
		<input type="checkbox"/> 6. Paternal grandmother	
		<input type="checkbox"/> 7. Father's siblings	
		<input type="checkbox"/> 8. Maternal grandfather	
		<input type="checkbox"/> 9. Maternal grandmother	
		<input type="checkbox"/> 10. Mother's siblings	
		<input type="checkbox"/> 11. Grandchildren	
		<input type="checkbox"/> 12. Others (Please specify).....	
	<input type="checkbox"/> 2. No		
<input type="checkbox"/> 9. Don't know/ Not sure			

Date of interview:...../...../ B.E 25.....
 Name of interview:..... (Print)

**Thank you for your time
 Research team**