

Multimedia Appendix 2. Questionnaire about Eligible Individual Information

Individual Questionnaire

INFORMED CONSENT

INTRO:

Hello, my name is ____ and I am from the National Institute of Public Health. You have been randomly selected to participate in this study [on the scaling up of diabetes and hypertension in Cambodia] based on information from your household. The information you give will be kept confidential and no personal details will appear in any record. This interview will take approximately 60 minutes. You do not have to answer any question you don't want to and you can stop the interview at any time. We will also measure your blood pressure, weight and height, waist and hip circumferences and your fasting blood glucose (FBG) [and HbA1c and Creatinine level for known diabetes and those having FBG \geq 126 mg/dl]. We very much appreciate your participation and information.

ELIGIBILITY AND RECRUITMENT CHECK

Q1. Are you a usual member of the household who have stayed in the household the night before the interview or had not been absent for more than 6 months?

[1] Yes

[0] No (**Stop the interview**)

Q2. Are you 40 or above?

[1] Yes

[0] No (**Stop the interview**)

Q3. Are you physically and mentally capable to answer the questions?

[1] Yes

[0] No (**Stop the interview**)

Q4. Are you willing to take part in the study?

[1] Yes

[0] No (**Stop the interview**)

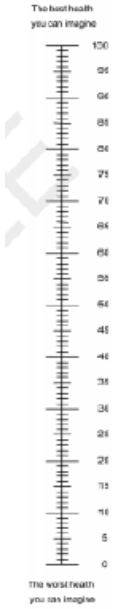
SECTION 1: SOCIO-DEMOGRAPHIC INFORMATION

Q.N	Description & questions	Response
Q5	How old are you? <i>-Record in years as stated by the participant</i> <i>-Record 99 if don't know</i>	_____ Years
Q6	Sex of participant	1 = Male

	<i>Record sex of the participant as observed</i>	2 = Female
Q7	What is your marital status? <i>-Record 88 if refuse to answer</i>	1=Married or living together 2=Divorced or separated 3=Widowed 4=Never married and never lived together
Q8	What is your highest educational level? <i>Record 99 if don't know</i>	1=No formal schooling 2=Less than primary school 3=Primary school 4=Secondary school 5=High school 6=College/University 7=Post graduate degree
Q9	What is your ethnic group?	1 = Khmer 2 = Vietnamese 3 = Chinese 4 = Cham (Muslim) 5 = Other
Q10	Which of the following best describes your main work status within the past 12 months? <i>Record 88 if refuse to answer</i>	1=Household tasks 2=Civil servant 3=Employee of private company/NGO 4=Self-employed farmer 5=Large-scale farmer with employees 6=Self-employed in small business 7=Running a big business with employees 8=Casual worker 9=Working abroad 10=At school (pupil/student) 11=Unemployed or not eligible 12=Retired
Q11	Taking the past year, can you give an estimate of your annual income if I read some options to you? <i>Record 88 if refuse to answer</i>	1 = no earnings 2 = less than or 250 USD 3 = more than 251- 1500 USD 4 = more than 1501 – 3500 USD 5 = more than 3501 USD

SECTION 2: HEALTH STATUS AND QUALITY OF LIFE

Q.N	Description and Questions	Response
Q12	At this point of time in your life, how would you describe:	1 = Excellent 2 = Very good 3 = Good

	<p>Q 12.1. Your home situation [____]</p> <p>Q 12.2. Your family relationships [____]</p> <p>Q 12.3. Your finances [____]</p> <p>Q 12.4. Your work situation [____]</p> <p><i>-Record 99 if don't know and 88 if refuse</i></p>	<p>4 = Fair</p> <p>5 = Poor</p>
Q13	<p>How good or bad is your health today?</p> <p><i>-The scale is numbered from 0 to 100.</i></p> <p><i>-100 means the best health you can imagine.</i></p> <p><i>-0 means the worst health you can imagine.</i></p> <p><i>-Please mark an X on the scale to indicate how your health is today.</i></p> <p><i>-Record 99 if don't know and 88 if refuse</i></p>	
Q14	<p>Have you ever been told by a doctor or other health worker that you have hypertension?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = No</p> <p>1 = Yes</p>
Q15	<p>Have you ever been told by a doctor or other health worker that you have diabetes?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = No</p> <p>1 = Yes</p>
Q16	<p>Have you ever been told by a doctor or other health worker that you have heart problems?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = No</p> <p>1 = Yes</p>
Q17	<p>Have you ever been told by a doctor or other health worker that you have symptoms suggestive of a stroke?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = No</p> <p>1 = Yes</p>

Q18	<p>Have you ever been told by a doctor or other health worker that you have chronic kidney disease?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = No 1 = Yes</p>
Q19	<p>How many natural teeth do you have?</p> <p><i>-Record 99 if don't know</i></p>	<p>0 = None 1 = 1-9 teeth 2 = 10-19 teeth 3 = 20 teeth or more</p>
Q20	<p>During the past 12 months, did your teeth or mouth cause any pain or comfort?</p> <p><i>-Record 99 if don't know</i></p>	<p>0 = No 1 = Yes</p>
Q21	<p>Over the last 2 weeks, how often have you been bothered by any of the following problems?</p> <p>Q 21.1. Little interest or pleasure in doing things [____]</p> <p>Q 21.2. Feeling down, depressed, or hopeless. [____]</p> <p>Q 21.3. Trouble falling or staying asleep, or sleeping too much. [____]</p> <p>Q 21.4. Feeling tired or having little energy. [____]</p> <p>Q 21.5. Poor appetite or overeating [____]</p> <p>Q 21.6. Feeling bad about yourself – or that you are a failure or make yourself or down your family [____]</p> <p>Q 21.7. Trouble concentrating on things, such as reading the newspaper or watching television [____]</p> <p>Q 21.8. Moving or speaking so slowly that other people could have noticed? Or the opposite being so fidgety or restless that you have been moving around a lot more than usual [____]</p> <p>Q 21.9. Thoughts that you would be better off dead or of hurting yourself in some ways [____]</p>	<p>0 = Not at all 1 = Several days 2 = More than half the days 3 = Nearly everyday</p>

Q22	<p>We would like to confirm that you have:</p> <p><i>-This question is for categorizing respondents for the following sections and it is also important to ask respondents to confirm their main conditions in this survey.</i></p> <p><i>-IF the answer is “0”, go to Section 3</i> <i>-IF the answer is “1”, go to Section 3a</i> <i>-IF the answer is “2”, go to Section 3b</i> <i>-IF the answer is “3”, go to Section 3c</i></p>	<p>0 = Neither hypertension nor diabetes</p> <p>1 = Only hypertension</p> <p>2 = Only diabetes</p> <p>3 = Both diabetes and hypertension</p>
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SECTION 3: HEALTH CARE UTILIZATION

Q.N	Description and Questions	Response
Q23	<p>Have you sought medical treatment or advice as an outpatient from anyone in the past 3 months?</p> <p><i>-If No, go to Question 40.</i></p>	<p>0 = No</p> <p>1 = Yes</p>
Q24	<p>Where did you seek medical advice or treatment for illness in the past 3 months?</p> <p><i>-More than one answer can be selected.</i> <i>-Data collectors can use probes to help respondents determine the types of health facilities in the Response Column.</i> <i>-Record 99 if don't know and 88 if refuse</i></p>	<p>1= National hospital (PP)</p> <p>2= Provincial hospital (RH)</p> <p>3= District hospital (RH)</p> <p>4= Health centre</p> <p>5= Health post</p> <p>6= Provincial rehabilitation centre (PRC) or Community-based rehabilitation (CBR)</p> <p>7= Other public; specify:</p> <p>8= Private hospital</p> <p>9= Private clinic</p> <p>10= Private pharmacy</p> <p>11= Home/Office of trained health worker/nurse</p> <p>12= Visit of trained health worker/nurse</p> <p>13= Other private medical</p> <p>14= Shop selling drugs/market</p> <p>15= Kru Khmer/ Magician</p> <p>16= Monk/religious leader</p> <p>17= Traditional birth attendant</p> <p>18= Oversee medical service</p> <p>19= Other; specify</p>

From Q25-Q39, it is a set of questions that are asked following choices selected in Q24. If 2 or 3 choices were selected in Q24, Q25-Q39 would appear 2 or 3 times, accordingly.

Q25	How many times did you visit the selected place(s) in Q24 in the past three months?	_____ times
Q26	How much in total was spent on the treatment at the selected place(s) in Q24? <i>-Record 99 if don't know and 88 if refuse</i>	0 = free/no cost 1 = in kind 2 = _____ Riels
Q27	How did you pay for the treatment cost at the selected place(s) in Q24? <i>-Record 99 if don't know and 88 if refuse</i>	1= Health Equity Fund 2= Voucher 3= Fee Exemption 4= NGO 5= National Social Security Fund 6= Community-Based Health Insurance 7= Health Insurance through Employer 8= Other Privately Purchased Commercial Health Insurance 9= Wage/income 10= Loan/ Ton Tin 11= Sale of Assets 12= Gift from Relative 13= Savings 14= Other
Q28	How much in total was spent on transport to go to and return from the selected place(s) in Q24? <i>-Record 99 if don't know and 88 if refuse</i>	0 = free/no cost 1 = in kind 2 = _____ Riels
Q29	On average how many hours do you spend to get treatment/advices from the selected place(s) in Q24? <i>-Record 99 if don't know and 88 if refuse</i>	_____ Hours

Q30	How satisfied are you with the effect of your {treatment/care} at the selected place(s) in Q24? <i>-Record 99 if don't know/unsure</i>	0 = Very satisfied 1 = Satisfied 2 = Neither satisfied nor dissatisfied 3 = Dissatisfied 4 = Very dissatisfied
Q31	How satisfied are you with the explanations the {doctor/other health professional} has given you about the results of your {treatment/care} at the selected place(s) in Q24? <i>-Record 99 if don't know/unsure</i>	0 = Very satisfied 1 = Satisfied 2 = Neither satisfied nor dissatisfied 3 = Dissatisfied 4 = Very dissatisfied
Q32	The {doctor/other health professional} at the selected place(s) in Q24 was very careful to check everything when examining you. <i>-Record 99 if don't know/unsure</i>	0 = Strongly agree 1 = Agree 2 = Not sure 3 = Disagree 4 = Strongly disagree
Q33	At the selected place(s) in Q24, how satisfied were you with the choices you had in decisions affecting your health care? <i>-Record 99 if don't know/unsure</i>	0 = Very satisfied 1 = Satisfied 2 = Neither satisfied nor dissatisfied 3 = Dissatisfied 4 = Very dissatisfied
Q34	How much of the time did you feel respected by the {doctor/other health professional} at the selected place(s) in Q24? <i>-Record 99 if don't know/unsure</i>	0 = All of the time 1 = Most of the time 2 = About half the time 3 = Some of the time 4 = None of the time
Q35	At the selected place(s) in Q24, the time you had with the {doctor/other health professional} was too short. <i>-Record 99 if don't know/unsure</i>	0 = Strongly agree 1 = Agree 2 = Not sure 3 = Disagree 4 = Strongly disagree

Q36	<p>Are you satisfied with the care you received in the selected place(s) in Q24?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = Very satisfied 1 = Satisfied 2 = Neither satisfied nor dissatisfied 3 = Dissatisfied 4 = Very dissatisfied</p>
Q37	<p>Did you get your blood pressure measured at the selected place(s) in Q24?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = No 1 = Yes</p>
Q38	<p>Did you get your blood glucose tested at the selected place(s) in Q24?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = No 1 = Yes</p>
Q39	<p>Would you recommend the selected place(s) in Q24 to others?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>1 = Not recommended 2 = Recommend with reservations 3 = Recommend 4 = Highly recommend</p>
Q40	<p>Have you ever had your blood glucose tested in the last three years?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = No 1 = Yes</p>
Q41	<p>Have you ever had your blood pressure measured in the last three years?</p> <p><i>-Record 99 if don't know/unsure</i></p>	<p>0 = No 1 = Yes</p>

SECTION 3a: HEALTH CARE UTILIZATION FOR HYPERTENSION

Q.N	Description and Questions	Response
Q42a	<p>How long have you lived with hypertension?</p> <p><i>-Record 99 if don't know/unsure and 88 if refuse</i> <i>-Less than a year is rounded up to one year</i> <i>-Standard rounded up formula is applied.</i></p>	<p>_____ Years</p>
Q43a	<p>Where were you first diagnosed as having hypertension?</p> <p><i>-Record 99 if don't know and 88 if refuse</i></p>	<p>1= National hospital (PP) 2= Provincial hospital (RH) 3= District hospital (RH) 4= Health centre 5= Health post 6= Provincial rehabilitation centre (PRC) or Community-based rehabilitation (CBR) 7= Other public 8= Private hospital 9= Private clinic 10= Private pharmacy 11= Home/Office of trained health worker/nurse 12= Visit of trained health worker/nurse 13= Other private medical 14= Shop selling drugs/market 15= Kru Khmer/ Magician 16= Monk/religious leader 17= Traditional birth attendant 18= Oversee medical service 19= MoPoTsyo</p>
Q44a	<p>Where did you first seek advice or treatment for hypertension after being diagnosed?</p> <p><i>-Record 99 if don't know and 88 if refuse</i></p>	<p>1= National hospital (PP) 2= Provincial hospital (RH) 3= District hospital (RH) 4= Health centre 5= Health post 6= Provincial rehabilitation centre (PRC) or Community-based rehabilitation (CBR) 7= Other public 8= Private hospital 9= Private clinic 10= Private pharmacy 11= Home/Office of trained health worker/nurse</p>

		12= Visit of trained health worker/nurse 13= Other private medical 14= Shop selling drugs/market 15= Kru Khmer/ Magician 16= Monk/religious leader 17= Traditional birth attendant 18= Oversee medical service 19= MoPoTsyo 20= Other; specify
Q45a	Did you go to other places for follow up treatment/care for your hypertensive conditions? <i>-Record 88 if refuse</i> <i>-If NO, please skip Q46a</i>	0 = No 1 = Yes
Q46a	If yes to Q45a, where else did you go to get follow up treatment/care for your hypertensive conditions?	1= National hospital (PP) 2= Provincial hospital (RH) 3= District hospital (RH) 4= Health centre 5= Health post 6= Provincial rehabilitation centre (PRC) or Community-based rehabilitation (CBR) 7= Other public 8= Private hospital 9= Private clinic 10= Private pharmacy 11= Home/Office of trained health worker/nurse 12= Visit of trained health worker/nurse 13= Other private medical 14= Shop selling drugs/market 15= Kru Khmer/ Magician 16= Monk/religious leader 17= Traditional birth attendant 18= Oversee medical service 19= MoPoTsyo 20= Other; specify:

Q47a	<p>Did you get treatment/care for your hypertensive conditions in the past 12 months?</p> <p><i>-Record 88 if refuse</i> <i>-If NO, please skip Q48a-63a</i></p>	<p>0 = No 1 = Yes</p>
Q48a	<p>Are you currently receiving any of the following treatment/advice for your hypertensive conditions prescribed by a doctor or other health care worker?</p> <p>Q 48.1a. Drugs (medication) that you have taken in the past two weeks [____] Q 48.2a. Advice to reduce salt intake [____] Q 48.3a. Advice or treatment to lose weight [____] Q 48.4a. Advice or treatment to stop smoking [____] Q 48.5a. Advice to start or do more physical exercise [____] Q 48.6a. Advice to stop drinking alcohol [____]</p> <p><i>-Record 99 if don't know and 88 if refuse</i></p>	<p>0 = No 1= Yes</p>
Q49a	<p>Have you had your blood cholesterol measured in the past 12 months?</p> <p><i>-Record 99 if don't know and 88 if refuse</i></p>	<p>0 = No 1= Yes</p>
Q50a	<p>Where did you seek medical advice or treatment for your hypertensive condition in the past 3 months?</p> <p><i>-More than one answer can be selected.</i> <i>-Data collectors can use probes to help respondents determine the types of health facilities in the Response Column.</i> <i>-Record 99 if don't know and 88 if refuse</i></p>	<p>1= National hospital (PP) 2= Provincial hospital (RH) 3= District hospital (RH) 4= Health centre 5= Health post 6= Provincial rehabilitation centre (PRC) or Community-based rehabilitation (CBR) 7= Other public 8= Private hospital 9= Private clinic 10= Private pharmacy 11= Home/Office of trained health worker/nurse 12= Visit of trained health worker/nurse 13= Other private medical</p>