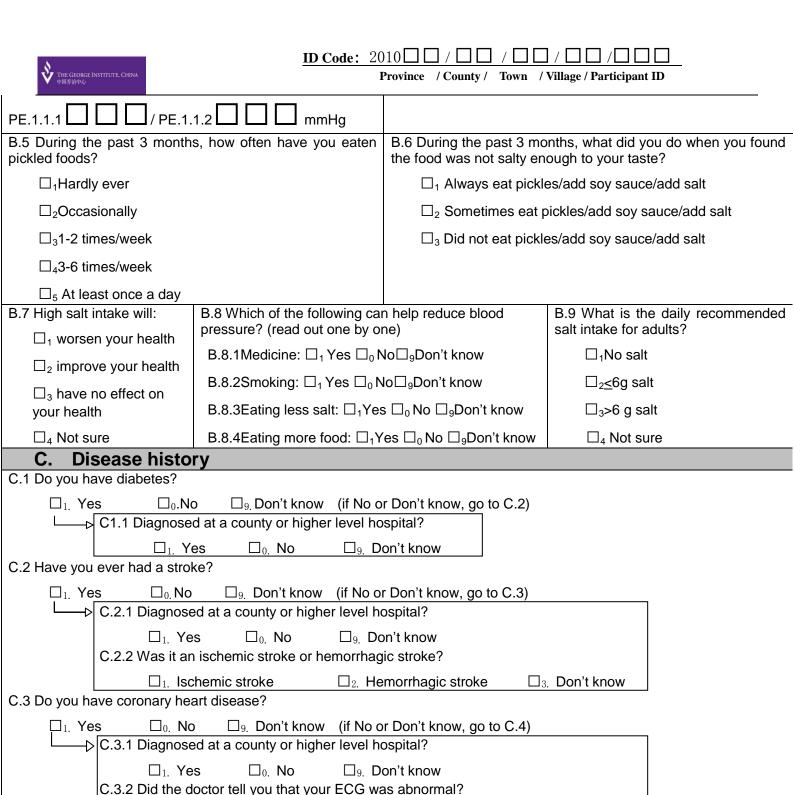


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	Province / County /	Town / Village / Participant ID	

## **CRHI Survey Questionnaire (2010)**

Address to the interviewee (refer to the Survey Training Manual). Ask Interviewee if they have brought their ID and medication containers, and if they satisfy the measurement requirements.

Date (2010/mm/dd) $2010/\square\square/\square\square$ Time (hour: minutes) $\square\square:\square\square$				
A. General information				
A.1 Name:	A.2 Sex: □ <sub>1.</sub> Male	□ <sub>0.</sub> Female		
A.3 ID				
A.4 Age in years A.5 Years of school	ling			
B. Lifestyle information in the past 3 n				
3.1 During the past 3 months, have you smoked? (multiple	choice)			
□ <sub>0</sub> No				
□ <sub>1.</sub> Yes, cigarette ■ ■ B.1.1 On average,	how many cigarettes per c	lay		
$\square_2$ .Yes, tobacco leaf $\longrightarrow$ B.1.2 On average,	how many "liangs (equiva	lent to 50g)" per week		
$\square_{3.}$ Other				
3.2 During the past 3 months, have you drunk any alcohol?				
□ <sub>1.</sub> Yes		□ <sub>0.</sub> No (go to B.3)		
3.2.1How often?				
□ <sub>1.</sub> <once td="" week<=""><td></td><td></td></once>				
☐ <sub>2.</sub> 1-2times/week				
☐ <sub>3.</sub> 3-5times/week				
□ <sub>4.</sub> 1-2times/day				
□ <sub>5.</sub> >Twice/day				
B.2.2 During the past 3 months, how many times did you drin han 5 "liangs"? (note:1 liang=50g≈50ml )	k alcohol exceeding more			
3.3 During the past 3 months, have you done any physical activities? (farming included, housework excluded) (minimum 30 minutes each time)	exercise? (minimum 30	B months, have you performed any minutes each time) ancing, QiGong, Taichi etc.)		
□ <sub>0.</sub> Hardly ever	□ <sub>0.</sub> Hardly ever			
$\square_1$ 1-2days/week	□ <sub>1.</sub> 1-2days/week			
$\square_2$ 3-5days/week	$\square_2$ 3-5days/week			
□ <sub>3.</sub> Almost daily	☐ <sub>3.</sub> Almost daily			
Physical examination (PE.1). Blood pressure and heart rate measurement (1st)				
PE.1.1 Blood pressure(Systolic/Diastolic):	PE 1.2 Heart rate	] [] /minute		



 $\square_0$ . No  $\square_9$ . Don't know (if No or Don't know, go to C.6)

 $\square_0$ . No

C.5 Have you had your blood pressure measured after age 50 (male)/60 (female)?

C.4.1 How many years have you had hypertension (HTN)? \_\_\_\_

C.4.2 Was the HTN diagnosed before 10/2008?  $\square_1$ . Yes

□<sub>1.</sub> Yes

 $\square_0$ . No

C.4 Do you have hypertension (HTN)?

□<sub>1.</sub> Yes

□<sub>1.</sub> Yes

 $\square_3$ . Did not have ECG done

 $\square_9$  Don't know

□<sub>9.</sub> Don't know

 $\square_9$  Don't know

Years

 $\square_0$ . No

 $\square_9$ . Don't know (if No or Don't know, go to C.5)

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C.6 [	During the past two weeks, have you been tal	king any ar	nti-hypertensive medication	1?		
	$\square_1$ . Yes $\square_0$ .	No	$\square_{9.}$ Don't know			
	zamig me paet iz memie, ala yearee	C.8 Did yo	our village doctor measure	your bl	ood pressure at each visit?	
your	village doctor once a month?	□ <sub>1.</sub> I	Never saw village doctor	$\square_{2.} N$	ever measured	
	□ <sub>1.</sub> Yes	$\square_{3.}$ S	Sometimes(occasionally)	□ <sub>4.</sub> A	lmost every time	
	□ <sub>0.</sub> No	□ <sub>5.</sub> <b>E</b>	Every time			
	Physical examination (PE.2). Blo	ood pres	ssure and heart rat	te me	asurement (2nd)	
PE.2	.1 Blood pressure (Systolic/Diastolic)			PE.2.	2 Heart rate:	
PE.2	.1.1	mHg			/minute	
	CL. CVD high-risk patie	nt confirm	ation checklist (CL) for t	he inte	rviewer	
	CL.1 Has reported a history of diabetes (C	.1.1 answe	r Yes)		$\square_{1.}$ Yes $\square_{0.}$ No	
	CL.2 Has reported a history of stroke (C.2.	1 answer \	'es)		□ <sub>1.</sub> Yes □ <sub>0.</sub> No	
	CL.3 Has reported a history of CHD (Both	C.3.1 and	C.3.2 answer Yes)		□ <sub>1.</sub> Yes □ <sub>0.</sub> No	
	CL.4 Has reported a history of SBP ≥ 160	mmHg witl	n older age (C.5.1)		□ <sub>1.</sub> Yes □ <sub>0.</sub> No	
	CL.5 Systolic BP measurement ≥160mmF	lg <b>twice</b>	(PE.1.1 and PE.2.1)		□ <sub>1.</sub> Yes □ <sub>0.</sub> No	
	If the answer to any of the above qu				otherwise go to PE.3 to	_
-	measure  D. Medication use and medica		nt's height and weigh			
	When was the last time that you saw your villa	•				
	During that visit, did the village doctor pro	•			•	
	D.1.1 Reduce salt intake	□ <sub>1.</sub> Yes	□ <sub>0.</sub> No			
	D.1.2 Quit smoking	□ <sub>1.</sub> Yes	□ <sub>0.</sub> No □ <sub>9.</sub> Not applicable	!		
	D.1.3 Avoid binge drinking	□ <sub>1.</sub> Yes	$\square_{0}$ No $\square_{9}$ Not applicable	)		
	D.1.4 Be physically active	□ <sub>1.</sub> Yes	$\square_0$ No			
	D.1.5 Control weight		$\square_{0}$ No $\square_{9}$ Not applicable	<b>:</b>		
D.2 During the past 12 months, have you been hospitalized due to heart disease, stroke, diabetes or hypertension?						
(	(exclude hospitalization for other reasons)	$\square_{1.}$ Yes	$\square_{0.}$ No (If no, go to D.3)			
D.2.1 How many times have you been in the hospital?						
D.2.2	2 How many days have you been in the hospi	tal?				
D.2.3 How much did you spend in out of pocket expenses for the hospitalization? RMB (Note: put "00" before						
	per if only know total expenditure; fill in "-999"		,	. 0	D 0 0 14/1	_
	During the past 12 months, how many hs have you taken anti-hypertensive		o prescribed the AHM for y . Self-prescribed/bought		D.3.3 Where do you buy AHM mainly?	1
medi	cation (AHM)?		TCM doctor		☐ <sub>1.</sub> Village clinic	
	$\square_{0.}$ None $\square_{1.}$ Not sure if the medication taken was	level)	<sub>3.</sub> Specialist (town or hi	gher	$\square_{2}$ . Township center $\square_{3}$ . County hospitals	

 $\neg\Box_{4}$ . Village doctor and specialist  $\neg\Box_{5}$ . Village doctor

 $\square_{4.}$  Pharmacies

AHM

 $\square_{2\cdot}{<}2$  months

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$\square_3$ 2-8 months $\square_4$ 9-11 months $\square_5$ =12 months			•		-	the treatments, e	
(if none or not sure, go to D.4)			<sub>1.</sub> Yes □ <sub>0.</sub> No	$\square_{9.}$ Dont' k	now		
D.4 During the past 12 months, how many months have you taken aspirin?  □0.None □1.Not sure if the medication taken was Aspirin □2.<2 months □3. 2-8 months □4.9-11 months □5 = 12 months  (if not a long-term user or don't know, go to D.5)		D.4.1 Who prescribed the aspirin?  □₁ Self prescribed/bought □₂. TCM doctor □₃. Specialist □₄. Village doctor and specialist □₅. Village doctor  □₃. Village doctor  □₃. County hospitals □₄. Pharmacies		inly? Ilage clinic ownship center ounty hospitals narmacies	pirin		
	o.No (if	nedications for your No, go to PE.3 height and weight	to	se, stroke, d	iabetes or h	iypertension?	
D.5.1 Medicine (brand nan	ne)	D.5.2 Tak (≥25days in the	•	D.5.3 Pre	scribed by a	a village doctor?	
1.		□ <sub>1.</sub> Yes	$\square_{0.}$ No		□ <sub>1.</sub> Yes	□ <sub>0.</sub> No	
2.		□₁Yes	□ <sub>0.</sub> No		□₁Yes	□ <sub>0.</sub> No	
3.		□ <sub>1.</sub> Yes	□ <sub>0.</sub> No		□ <sub>1.</sub> Yes	□ <sub>0.</sub> No	
4.		□ <sub>1.</sub> Yes	□ <sub>0.</sub> No		□ <sub>1.</sub> Yes	□ <sub>0.</sub> No	
5.		□ <sub>1.</sub> Yes	□ <sub>0</sub> No				1
If more than 5,and if the drug of field below an			y the names of	the remaini	ing medicati	**	=
Physical examination (P participants						for all surve	<b>э</b> у
PE.3.1 Height ☐ ☐ ☐ cm  Body not straight? ☐ 1.Yes ☐ 0.No	1			PE.3.2 We	ight 🔲 🗌	□ <b>.</b> □ kg	
		(End of s	survey)				
Interviewer comments/impressions	S:						
$\square$ Interviewee understands questi	ons wel	11					
□Interviewee understands questi	ons par	ctly					
□Interviewee understands questions poorly							
Interviewer introspect the compl	letenes	s of question	naire. $\Box$				
Time of completion:							



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	Province / County	/ Town / Village / Participant ID	_

terviewer signature:	
Date of quality control review: 2010 month day. Time	
Quality control reviewer signature:	



PE.1.1 Blood pressure (Systolic/Diastolic):

ID Code:	
	Village / Participant ID

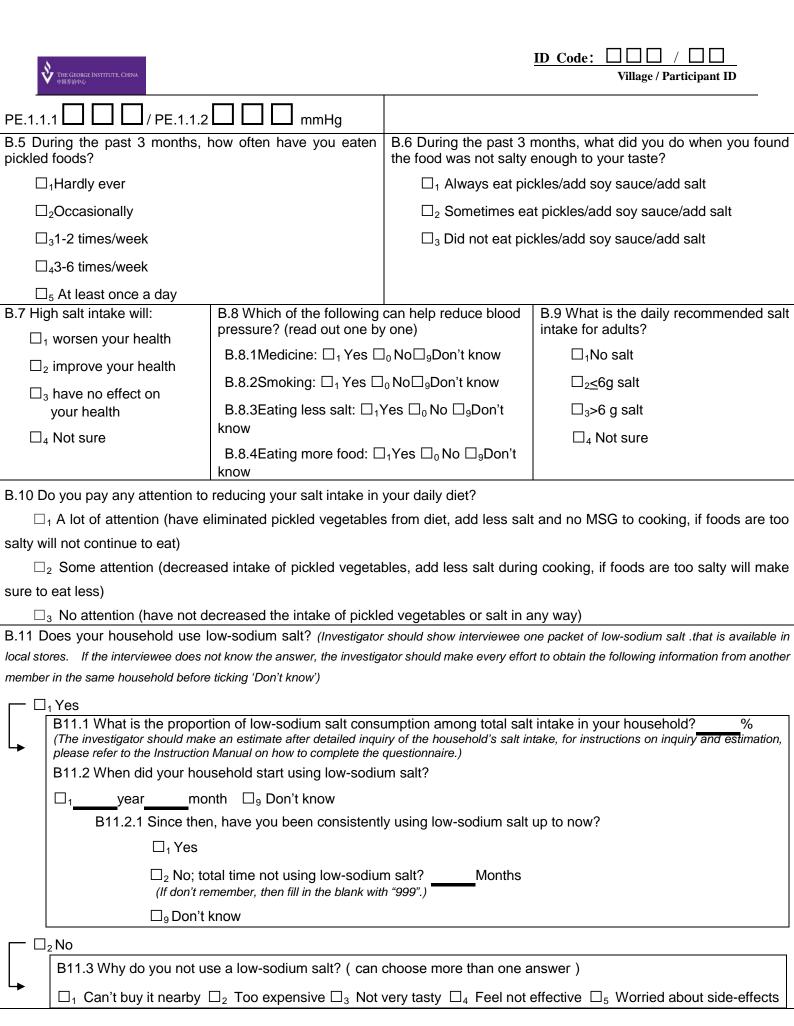
## **CRHI Survey Questionnaire (2012)**

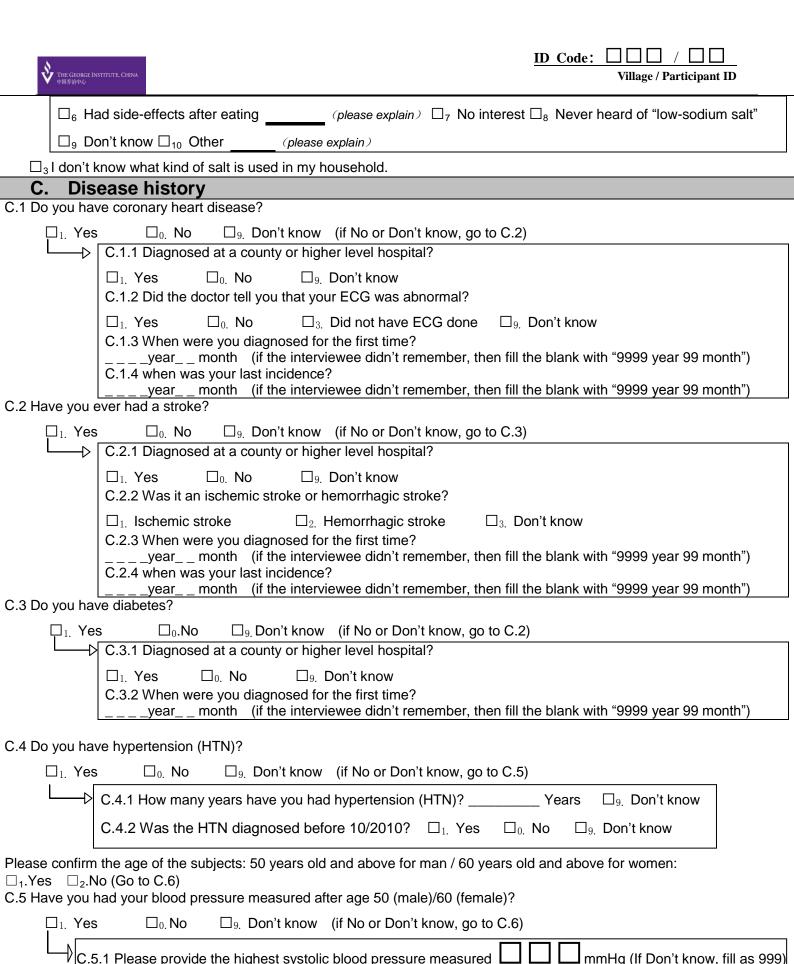
Address to the interviewee (refer to the Survey Training Manual). Ask Interviewee if they have brought their ID and medication containers, and if they satisfy the measurement requirements. Date (2012/mm/dd)  $2012/\square$ Time (hour: minutes) **General information** A.2 Sex: □<sub>1</sub> Male  $\square_0$  Female A.1 Name: A.3 ID L A.4 Age in years A.5 Years of schooling A.6 During the past one year, how long have you lived in the village? months Lifestyle information in the past 3 months B.1 During the past 3 months, have you smoked? (multiple choice)  $\square_0$  No B.1.1 On average, how many cigarettes per day \_\_\_\_\_  $\square_1$ Yes, cigarette  $\square_2$ . Yes, tobacco leaf B.1.2 On average, how many "liangs (equivalent to 50g)" per day \_  $\square_3$  Other B.2 During the past 3 months, have you drunk any alcohol?  $\square_0$ . No (go to B.3)  $\square_1$  Yes B.2.1How often?  $\square_1$  <Once/week  $\square_2$  1-2times/week  $\square_{3.}$  3-5times/week  $\square_4$  1-2times/day  $\square_{5}$  >Twice/day B.2.2 During the past 3 months, how many times did you drink alcohol exceeding more than 5 "liangs"? (note:1 liang=50g~50ml) B.3 During the past 3 months, have you done any physical B.4 During the past 3 months, have you performed any activities? (farming included, housework excluded) exercise? (minimum 30 minutes each time) (minimum 30 minutes each time) (e.g., walking, running, dancing, Qigong, Taichi etc.) □<sub>0.</sub>Hardly ever  $\square_0$ . Hardly ever  $\square_1$ 1-2days/week  $\square_1$ 1-2days/week  $\square_2$  3-5days/week  $\square_2$  3-5days/week  $\square_3$ . Almost daily  $\square_3$  Almost daily

/minute

PE.1.2 Heart rate

Physical examination (PE.1). Blood pressure and heart rate measurement (1st)





 $\square_9$  Don't know

C.6 During the past two weeks, have you been taking any anti-hypertensive medication?

 $\square_0$ . No

 $\square_1$ . Yes

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C.7 During the past one no, do not leave the ch	e year, have you had any of the following symptoms or illnesses? (read out one by one, put 'X' if yes, '0' oice as blank)
$\square_1$ Dizziness $\square_2$ Head	lache $\square_{3.}$ Weakness $\square_{4.}$ Fall $\square_{5.}$ Gingival bleeding or subcutaneous hemorrhage $\square_{6}$ Stomachache $\square$
Hyperkalemia □ <sub>8.</sub> Ga	strointestinal bleeding confirmed by a doctor $\square_9$ Renal insufficiency confirmed by a doctor $\square_{10}$ Hea
ailure confirmed by a c	octor $\square_{11}$ . Cerebral hemorrhage confirmed by a doctor $\square_{12}$ Hypotension confirmed by a doctor (Lowes

failure confirmed by a doctor $\square_{11}$ . Cerebral hemorrh	hage confirmed by a doctor $\square_{12}$ Hy	rpotension confirmed by a doctor (Lowes	st
blood pressure value/mmHg) □ <sub>13.</sub> Hypogly	cemia confirmed by a doctor (Lov	vest blood glucose levelmmol/l	∟)
□ <sub>14</sub> Any life-threatening condition requiring	g hospitalization or prolonging	g hospitalization (describe condition	'n
) □ <sub>15</sub> Other diseases con	nfirmed by the doctor (describe	)	
C.8 During the past 12 months, did you see your	C.9 Did your village doctor measu	ure your blood pressure at each visit?	
village doctor once a month?	$\square_1$ Never saw village doctor	or □ <sub>2.</sub> Never measured	
□ <sub>1.</sub> Yes	$\square_{3.}$ Sometimes (occasionall	y) □ <sub>4.</sub> Almost every time	
□ <sub>0.</sub> No	$\square_{5.}$ Every time		
Physical examination (PE.2). Blo	od pressure and heart ra	ate measurement (2nd)	
PE.2.1 Blood pressure (Systolic/Diastolic)		PE.2.2 Heart rate:	
PE.2.1.1	nHg	/minute	
CL. CVD high-risk patie	nt confirmation checklist (CL) fo	r the interviewer	
CL.1 Has reported a history of CHD (Both 0	C.1.1 AND C.1.2 answer Yes)	□ <sub>1.</sub> Yes □ <sub>0.</sub> No	
CL.2 Has reported a history of stroke (C.2.	1 answer Yes)	□ <sub>1.</sub> Yes □ <sub>0.</sub> No	
CL.3 Has reported a history of diabetes (C.	3.1 answer Yes)	□ <sub>1.</sub> Yes □ <sub>0.</sub> No	
CL.4 Has self-reported a history of SBP ≧	160mmHg with older age (C.5.1	) □ <sub>1.</sub> Yes □ <sub>0.</sub> No	
CL.5 Systolic BP measurement ≥ 160mmH	g twice (PE.1.1 and PE.2.1)	□ <sub>1.</sub> Yes □ <sub>0.</sub> No	
If the answer to any of the above que	estions is Yes, continue the participant's height and weig	•	
D. Medication use and medical	care (high-risk patients	ONLY)	
D.1 When was the last time that you saw your village			
During that visit, did the village doctor prov	ride any of the following recommen	ndations?	
D.1.1 Reduce salt intake	□₁ Yes □₀ No		

During that visit, did the village doctor provide any of the following recommendations?

D.1.1 Reduce salt intake

D.1.2 Quit smoking

D.1.3 Avoid binge drinking

D.1.4 Ves D.2.No D.3.No D.3.

D.1.4 Be physically active  $\square_1$ . Yes  $\square_0$ . No

D.1.5 Control weight  $\square_1$ .Yes  $\square_0$ .No  $\square_9$ .Not applicable D.2 During the past 12 months, have you been hospitalized due to heart disease, stroke, diabetes or hypertension?

(exclude hospitalization for other reasons)  $\square_{1.}$ Yes  $\square_{0.}$ No (If no, go to D.3)

<b>ジ</b> THE GEORGE INSTITUTE. CHINA 中国存命中心		ID Code:
D.2.1 How many times have you been in the hospit	al?	
D.2.2 How many days have you been in the hospital	al?	
D.2.3 How much did you spend in out of pocket expunded in only know total expenditure; fill in "-999" in D.3 During the past 12 months, how many months have you taken anti-hypertensive medication (AHM)? $\square_0$ .None $\square_1$ .Not sure if the medication taken was AHM $\square_2$ .<2 months $\square_3$ 2-8 months $\square_4$ 9-11 months $\square_5$ =12 months	f don't know)  D.3.1Who prescribed the Ayou?  \[ \Boxed{\subseteq}_{1.} \text{ Self prescribed/bo} \\ \Boxed{\subseteq}_{2.} \text{ TCM doctor} \\ \Boxed{\subseteq}_{3.} \text{ Specialist (town o level)} \\ \text{ specialist} \\ \Boxed{\subseteq}_{5.} \text{ Village doctor} \\ \D.3.2. \text{ Has the village}	AHM for D.3.3 Where do you buy AHM?
(if none or not sure, go to D.4)		sage or changing the prescription for you? $\square_{9}$ Dont' know
D.4 During the past 12 months, how many months have you taken aspirin? $\square_0$ .None $\square_1$ .Not sure if the medication taken was Aspirin $\square_2$ .<2 months $\square_3$ .2-8 months $\square_4$ .9-11 months $\square_5$ = 12 months  (if not a long-term user or don't know, go to D.5)	D.4.1 Who prescribed the as  □1 Self prescribed/bot □2. TCM doctor □3. Specialist □4. Village doctor specialist □5. Village doctor	ught □ <sub>1.</sub> Village clinic □ <sub>2.</sub> Township center □ <sub>3.</sub> County hospitals
D.5 During the past month, have you taken any metalline $\square_1$ . Yes $\square_9$ . Don't know $\square_0$ . No (if No.	dications for your heart disease o, go to PE.3 to ight and weight)	e, stroke, diabetes or hypertension?
D.5.1 Medicine (brand name)	D.5.2 Taken daily? (≥25days in the last 30 days)	D.5.3 Prescribed by a village doctor?
1.	□₁Yes □₀No	□₁Yes □₀No

2.  $\square_{1.}$ Yes  $\square_{0.}$ No  $\square_1$ Yes  $\square_{0.}$ No 3.  $\square_{1.} Yes$  $\square_{0.}$ No  $\square_{1.} Yes$  $\square_{0.}$ No 4.  $\square_{0.}$ No  $\square_{1.} Yes$  $\square_{1.}$ Yes  $\square_{0.} No$ 5.  $\square_{1.} Yes$  $\square_{0.}$ No  $\square_{1.}$ Yes  $\square_{0.} \text{No}$ 

If more than 5, and if the drug category is uncertain, copy the names of the remaining medications in the blank field below and give the numerical answers for D5.2 and D5.3. 1=Yes, 0=No

Physical examination (PE.3). Body height and weight measurement for all survey participants

<b>V</b> THE GEORGE INSTITUTE, CHINA 中国介部中心	ID Code:
PE.3.1 Height	PE.3.2 Weight
Body not straight? $\square_{1.}$ Yes $\square_{0.}$ No	
(End of survey)	
Interviewer comments/impressions:	
□Interviewee understands questions well	
□Interviewee understands questions partly	
□Interviewee understands questions poorly	
Interviewer introspect the completeness of questionnaire. $\square$	
Time of completion:	
Interviewer signature:	
Date of quality control review: 2012 month day. Time:  Quality control reviewer signature:	