

**Public Opinion Programme  
The University of Hong Kong**

**Hong Kong Medical Association**

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**Survey on Hong Kong Citizens' Knowledge and  
Opinion of Influenza Vaccination**

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**Survey Questionnaire**

**16 October 2012**

## Part I Self-introduction

Good evening! My name is X. I'm an interviewer from the Public Opinion Programme of the University of Hong Kong. We would like to ask for Hong Kong citizens' knowledge and opinion on influenza vaccination which would only take you a few minutes and you can choose to terminate the interview any time. Please rest assured that your phone number is randomly selected by our computer and your information provided will be kept strictly confidential and used for aggregate analysis only. If you have any questions about the research, you can call xxxx-xxxx to talk to our supervisor. If you want to know more about the rights as a participant, please contact the University of Hong Kong (full name: Human Research Ethics Committee for Non-Clinical Faculties of the University of Hong Kong) at xxxx-xxxx during office hours. For quality control purpose, our conversation may be recorded but will be destroyed shortly after our quality control process is complete. Is it okay for us to start this survey?

[S1] Is your telephone number xxxx xxxx?

Yes

No (skip to end)

## Part II Selection of Respondents

[S2] The target respondents of this survey are Hong Kong citizens aged 18 or above. How many members in your household belong to this group? [If there is no target respondents in the household, terminate the interview, thank respondent's cooperation.]

Yes, one → Start the interview [If the target respondent is not the one who answers the phone, please invite the target respondent to answer the phone and interviewer to re-introduce himself / herself]

Yes, more than one, \_\_\_\_\_ [input exact figure] → Go to S3

No → Interview ends, thank you for your cooperation, bye-bye!

Refuse to answer → Interview ends, thank you for your cooperation, bye-bye!

[S3] Since there are more than one family members eligible for the survey, to ensure equal chance of collection, I would like to speak to the one who will have his / her birthday next. (Interviewers can read out the following, "for example, is there anyone who will have his / her birthday in October or within the next three months?") [Before the interview starts, interviewer to read out: To ensure the accuracy of data, our conversation may be recorded. However, it is for internal reference only.]

Is it okay?

Yes– the one who answered the phone is the respondent → Start the interview

Yes, another family member is the respondent [Interviewer to re-introduce himself / herself]

→ Start the interview

Selected household member is not home / available [Interviewer to make an appointment]

No – household level refusal → Interview ends, thank you for your cooperation, bye-bye!

No – known respondent refusal → Interview ends, thank you for your cooperation, bye-bye!

## Part III Opinion Questions

### Getting Influenza Vaccine

[Q1] Did you get *influenza vaccine* in the past year? [Choose only one option]

Yes

No

Don't know / hard to say

Refuse to answer

[Q2] [Only for those who answered "no" in Q1] Why didn't you get influenza vaccine?  
[Do not read out answer, multiple answers allowed]

Family / family doctor recommend me not to get vaccinated

In good health condition, not afraid of getting influenza

Pregnant, not suitable for vaccination

Influenza is not a serious illness, not necessary to get vaccinated

Expensive / money concern

Worried about the side effects

Family / friend's health worsened after vaccination

Work as health care workers, no need to be vaccinated

Others, please specify: \_\_\_\_\_

Don't know / hard to say

Refuse to answer

[Then skip to Q5]

[Q3] [Only for those who answered "yes" in Q1] Why did you get influenza vaccine?  
[Do not read out answer, multiple answers allowed]

Family members or family doctor advised

Poor health condition / chronic patients, afraid of getting influenza

Pregnant, not suitable for vaccination

Have children / elderly at home, afraid that children / elderly will get infected by me

Government subsidized

Work in the medical field

Aged 65 years or above

Aged 50 or above, high risk of getting influenza

People with obesity, high risk of getting influenza

People with long term respiratory disease

Occupational needs (e.g. pig farmer)

Others, please specify: \_\_\_\_\_

Don't know / hard to say

Refuse to answer

[Q4] [Only for those who answered "yes" in Q1] Was the previous influenza vaccines you got subsidized by the Government? [Choose only one option]

Yes

No

Don't know / hard to say

Refuse to answer

### **Knowledge of Influenza Vaccine**

[Q5] Do you know which months in a year are the peaks of influenza? [Interviewer to read out options, choose only one option]

December to March [Correct answer]

April to July

August to November

Don't know

Refuse to answer

[Q6] Then do you know how long influenza vaccination usually takes to produce immunity? [Choose only one option]

Within the vaccination day

After one to two days

After three to six days

After one to two weeks

After two to four weeks [Correct answer: human body will produce sufficient antibodies to fight influenza around two to four weeks after the vaccination]

After one month or above

Don't know

Refuse to answer

### **Knowledge of Influenza Prevention**

[Q7] Do you know which of the following symptoms would appear on the first day when influenza occurs? [Interviewer to read out items 1 to 6, order to be randomized by computer, multiple answers allowed.]

Fever [Correct answer]

Bone ache all over the body [Correct answer]

Fatigue [Correct answer]

Headache [Correct answer]

Cough

Diarrhea

None of the above

Others, please specify: \_\_\_\_\_

Don't know

Refuse to answer

[Q8] As far as you know, which of the followings is / are *effective* measure(s) to protect one from getting infected of influenza virus? [Interviewer to read out items 1-6, order to be randomized by the computer, multiple answers allowed]

Maintain good indoor ventilations

Get seasonal influenza vaccine [Correct answer]

Use liquid soap and clean water to wash hands

Wash hands thoroughly after sneezing or coughing

Avoid going to public places which are crowded and with poor ventilation during influenza peak seasons

Take in more Vitamin C

None of the above

Others, please specify: \_\_\_\_\_

Don't know / hard to say

Refuse to answer

[Q9] Do you know from January to July this year, how many Intensive Care Unit cases and deaths are resulted from influenza in Hong Kong (Please include adults and children)? [Choose only one option]

Less than 100 cases

101 – 200 cases

201 – 300 cases

More than 300 cases [Correct answer; 347 cases, among which, 277 cases were deaths.]

Don't know

Refuse to answer

[Q10] Have you ever heard of “community immunity”? [Choose only one option]

Yes

No

Don't know / hard to say

Refuse to answer

[Interviewer to read out: “community immunity” means within a community, a relatively high proportion of the population has congenital or acquired antibodies or immunity against a particular kind of infectious disease, to ensure that the infectious disease will not be able to break out in a large scale.]

### **About Government Initiatives on Influenza Vaccination**

[Q11] Do you know which groups of people are recommended to get influenza vaccine by the Government? [Do not read out options, multiple answers allowed]

Children aged 6 months till 6 years  
Primary school pupils aged 6-12 years  
Children (no specific age)  
Pregnant women  
Obese individuals (BMI over 30)  
Individuals aged 50 years or above  
Elderly aged 65 years or above  
Health care workers  
Others, please specify: \_\_\_\_\_  
Don't know / hard to say  
Refuse to answer

[Q12] Then which groups of people do you think the Government should provide subsidies for influenza vaccination? [Do not read out answers, multiple answers allowed]

Children aged 6 months till 6 years  
Primary school pupils aged 6-12 years  
Pregnant women  
Obese individuals (BMI over 30)  
Individuals aged 50 years or above  
Elderly aged 65 years or above  
Health care workers  
Low income earning individuals  
Parents  
Domestic helpers  
High risk individuals  
Others, please specify: \_\_\_\_\_  
Don't know / hard to say  
Refuse to answer

[Q13] Do you think the Government's promotions on influenza vaccination are adequate? [Choose only one option, interviewer to probe the intensity]

Very adequate  
Quite adequate  
Half-half  
Quite inadequate / not quite adequate  
Very inadequate  
Don't know / hard to say  
Refuse to answer

[Q14] Lastly, what do you think the Government should do to encourage more citizens to get influenza vaccine? [Do not read out answers, multiple answers allowed]

Wider range of coverage for influenza vaccination subsidy (cover all high risk groups)

Subsidize all citizens to get vaccination

Increase the amount of subsidy on influenza

Increase propaganda on influenza vaccine

Enhance public education on influenza

More promotion on the concept of "prevention is better than treatment"

More promotion on the concept of "community immunity"

Healthcare professionals to promote and explain more to patients on the advantages of getting vaccinated

Others, please specify: \_\_\_\_\_

No need to reinforce

Don't know / hard to say

Refuse to answer



## **Part IV            Personal information**

I'd like to know some of your personal particulars in order to facilitate our analysis. If you do not want to disclose your info, you could refuse to answer.

[DM1]    Gender

Male

Female

[DM2]    Age

\_\_\_\_\_ (Input the exact number)

Refuse to answer

[DM2b] [Only for those who did not wish to reveal their exact age] Age (Range)

[Interviewer can read out the range]

18-19 years old

20-29 years old

30-39 years old

40-49 years old

50-59 years old

60-69 years old

70 years old or above

Refuse to answer

[DM3] Education Attainment

Primary or below

Secondary

Matriculated

Tertiary, non-degree

Tertiary, degree

Postgraduate or above

Refuse to answer

[DM4] Occupation

Managers / executive  
Professional  
Technician / associate professional  
Clerk  
Shop & market sales worker  
Craft & related trade worker  
Plant & machine operator / assembler  
Unskilled blue collar  
Student  
Homemaker  
Retired  
Unclassified  
Others (unemployed / non workers included)  
Refuse to answer

[DM 5] [Only for female respondents] Are you currently pregnant?

Yes  
No  
Don't know / hard to say  
Refuse to answer

[DM6] Are you currently obese (meaning BMI/Body Mass Index higher than 30)?

Yes  
No  
Don't know / hard to say  
Refuse to answer

The interview is completed. If you have any questions regarding this interview, you can contact our supervisor at xxxx-xxx or call xxxx-xxxx during office hours to find out more about the rights as a participant.