

Supplementary material: Appendix 1

Electronic EQ-5D-5L and EQ-VAS Completion Procedure with Screenshots

Step 1 – Each subject is assigned a unique subject number with QR code to log into the system to complete the EQ-5D-5L and EQ-VAS online

Screenshot 1

WEBSITE QR CODE
Open "hku-eq-5d-survey.org" in Safari

EQ5D-RCT Study
Research Subject Log

Confidential and Internal use only

Subject ID: <i>TEST</i>	
Name:	
Age: <i>99</i>	Sex: <i>Female</i>
GOPC No.:	
QR code for EQ-5D-5L Questionnaire:	Baseline date: (T0)
	Next appointment date: (T1)
	(T2)
	(T3)
	(T4)
	(T5)
	(T6)

VIDEO
PHOTO
SQUARE

Step 2 – Enter the age and gender for linkage to the relevant Hong Kong age-gender specific population norm reference on the report

Screenshot 2

The screenshot shows a web browser interface for the EQ-5D online survey. The browser address bar shows the URL `hku-eq-5d-survey.org`. The page header includes the University of Hong Kong logo and name. The main heading is "EQ-5D 網上版". Below this, there are three input fields: "病人編號*" (labeled "Subject number"), "年齡" (labeled "Age"), and "性別" (labeled "Gender: Female; Male") with radio buttons for "女" (Female) and "男" (Male). A green button labeled "下一題" (labeled "Next Question") is located below the gender field. A "清空答案" (Clear answers) link is also present. The footer contains copyright information for EuroQol Research Foundation.

EQ-5D 網上版

“Subject number”

病人編號*

“Age”

年齡

性別 ○ 女 ○ 男

“Gender: Female; Male”

清空答案

下一題

“Next Question”

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Step 3 – Completion of the EQ-5D item on Mobility

The instruction is shown before the item and the response options.

Screenshot 3

The screenshot displays the EQ-5D online survey interface. At the top, the header includes the University of Hong Kong logo and name. Below this, the subject information is shown: "Subject no. 參與者編號: EXAMPLE Sex 性別: Female Age 年齡: 99". A grey instruction box states: "請點擊最能形容您今天的健康狀況的一個圓圈。". Below the instruction, the first question is highlighted in green: "第1題 行動能力". To the right of this question, a red box contains the text: "Please select the ONE statement that best describes your health today". The response options are listed as radio buttons: "我可以四處走動，沒有任何問題", "我的行動有輕微問題", "我的行動有中度問題", "我的行動有嚴重問題", and "我無法行動". A red bracket groups these five options, with a red box to its right stating: "5 levels of response options". Below the options, it says "共5題". At the bottom right, there are two buttons: "取消選擇" (Cancel selection) and "下一題" (Next question). A red box above the "Next question" button contains the text: "Next Question". At the very bottom, a copyright notice reads: "© EuroQol Research Foundation. EQ-5D™ is a trade mark of the EuroQol Research Foundation".

N.B.

The subject needed to click “Next” before moving to the next item. The subject could choose not to provide an answer (i.e. skip the question) before moving to the next.

Step 4-7 – Completion of EQ-5D items on Self-care, Daily Activities, Pain and Emotion, each presented on one screen at a time with instruction shown before the item.

Screenshot 4-7

Subject no. 參與者編號: EXAMPLE Sex 性別: Female Age 年齡: 99

請點擊最能形容您今天的健康狀況的一個圓圈。

第2題 自我照顧

- ☐ 我在洗澡或穿衣方面沒有任何問題
- ☐ 我在洗澡或穿衣方面有輕微問題
- ☐ 我在洗澡或穿衣方面有中度問題
- ☐ 我在洗澡或穿衣方面有嚴重問題
- ☐ 我無法自己洗澡或穿衣

共5題

上一題 取消選擇 下一題

Subject no. 參與者編號: EXAMPLE Sex 性別: Female Age 年齡: 99

請點擊最能形容您今天的健康狀況的一個圓圈。

第3題 平常活動 (如工作、讀書、家務、家庭或休閒活動)

- ☐ 我能進行平常活動，沒有任何問題
- ☐ 我在進行平常活動方面有輕微問題
- ☐ 我在進行平常活動方面有中度問題
- ☐ 我在進行平常活動方面有嚴重問題
- ☐ 我無法進行平常活動

共5題

上一題 取消選擇 下一題

Subject no. 參與者編號: EXAMPLE Sex 性別: Female Age 年齡: 99

請點擊最能形容您今天的健康狀況的一個圓圈。

第4題 疼痛 / 不舒服

- ☐ 我沒有任何疼痛或不舒服
- ☐ 我覺得輕微疼痛或不舒服
- ☐ 我覺得中度疼痛或不舒服
- ☐ 我覺得嚴重疼痛或不舒服
- ☐ 我覺得極度疼痛或不舒服

共5題

上一題 取消選擇 下一題

Subject no. 參與者編號: EXAMPLE Sex 性別: Female Age 年齡: 99

請點擊最能形容您今天的健康狀況的一個圓圈。

第5題 焦慮 / 沮喪

- ☐ 我不覺得焦慮或沮喪
- ☐ 我覺得輕微焦慮或沮喪
- ☐ 我覺得中度焦慮或沮喪
- ☐ 我覺得嚴重焦慮或沮喪
- ☐ 我覺得極度焦慮或沮喪

共5題

上一題 取消選擇 下一題

N.B.

The subject needed to click “Next” before moving to the next item. The subject could choose not to provide an answer (i.e. skip the question) before moving to the next

Step 8 – Completion of the EQ-VAS, the instruction is shown on the left and the subject needed to enter the appropriate number (0 to 100) in the box.

Screenshot 8

Instructions on completing the EQ-VAS

Camera 4:09 PM Thu 2 Sep

hku-eq-5d-survey.org

EQ-5D 網上版

香港大學
THE UNIVERSITY OF HONG KONG

Subject no. 參與者編號: EXAMPLE Sex 性別: Female Age 年齡: 99

我們想知道您今天的健康狀況有多好或多壞。

這個量度尺的刻度由0數到100。

100 表示您能想像到的最好的健康狀況。

0 表示您能想像到的最壞的健康狀況。

現在，請把您在刻度上標註了的數字填在下方方格內。

100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0

上一題

提交

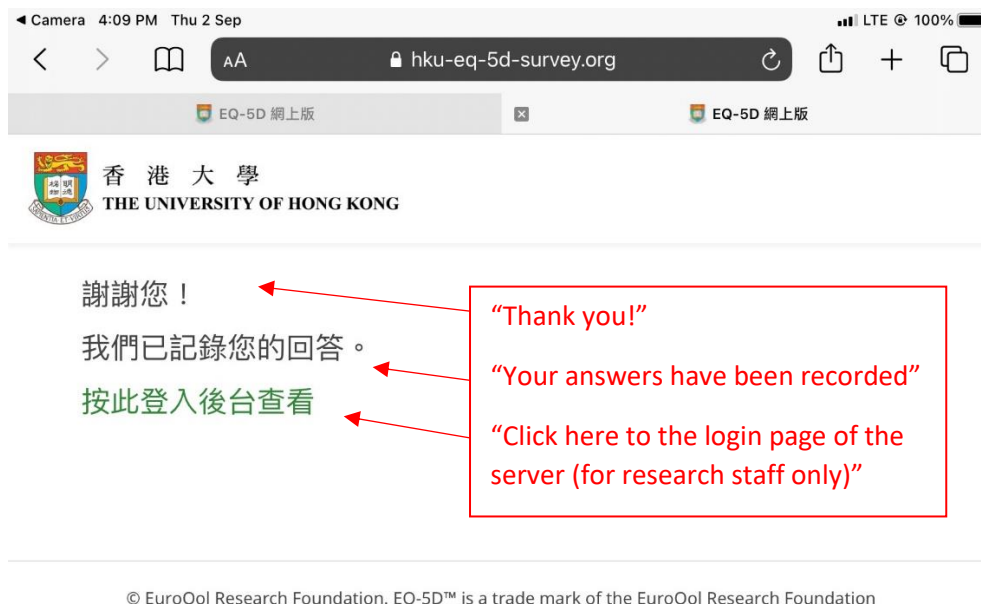
“Submit”

N.B.

the EQ-VAS was modified from the original 200mm to a 100mm scale from 0 (the worst imaginable health state) to 100 (the best imaginable health state), in order to fit into one page of the screen. To proceed, subjects needed to click “Submit” after this item.

Step 9 - Thank you – Your answers have been recorded

Screenshot 9

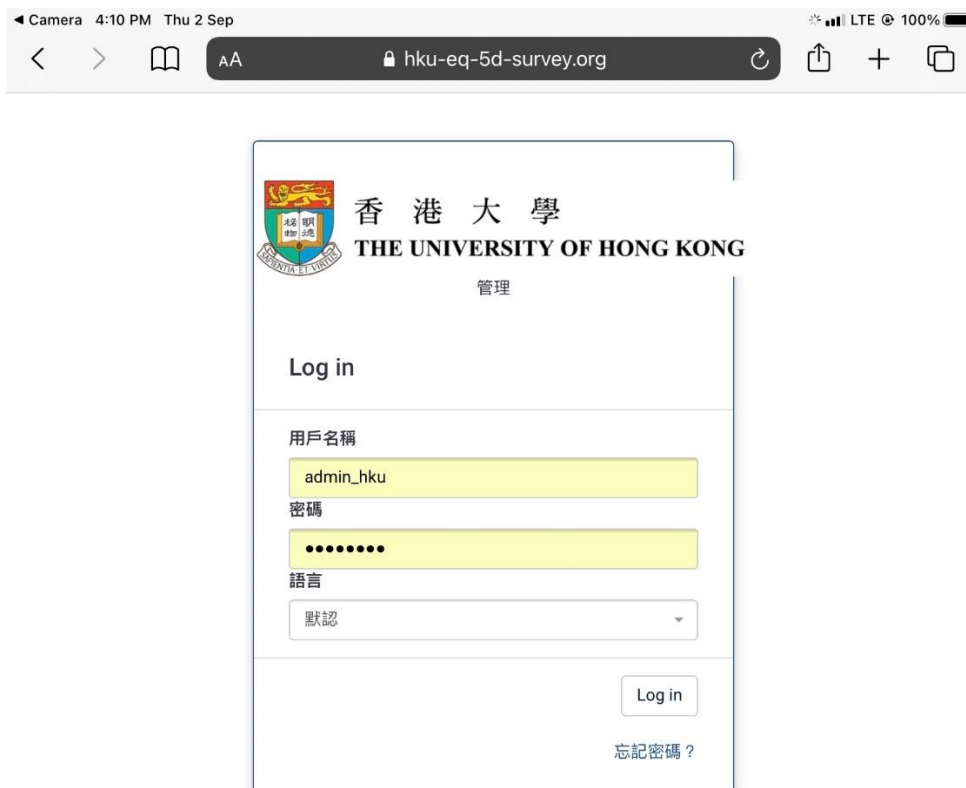


N.B.

After the subject has completed the electronic EQ-5D-5L and EQ-VAS, a report on the EQ-5D-5L, utility and VAS scores would be generated within one minute.

Step 10 – Trained Research Assistant would Login the Sever to Retrieve the EQ-5D Report

Screenshot 10



The screenshot shows a mobile browser interface at 4:10 PM on Thursday, September 2nd. The address bar displays the URL `hku-eq-5d-survey.org`. The page content features the University of Hong Kong logo and name in both Chinese (香港大學) and English (THE UNIVERSITY OF HONG KONG), followed by the word '管理' (Management). Below this is a 'Log in' section with three input fields: '用戶名稱' (Username) containing 'admin_hku', '密碼' (Password) masked with dots, and '語言' (Language) set to '默認' (Default). A 'Log in' button is positioned to the right of the password field, and a '忘記密碼?' (Forgot password?) link is located below it.

N.B.

To ensure data privacy and protection, credentials and password, which are only available to the study team, were required to log into the server

Step 11 – Printable EQ5D report

Screenshot 11

12:54 PM Mon 6 Sep

hku-eq-5d-survey.org

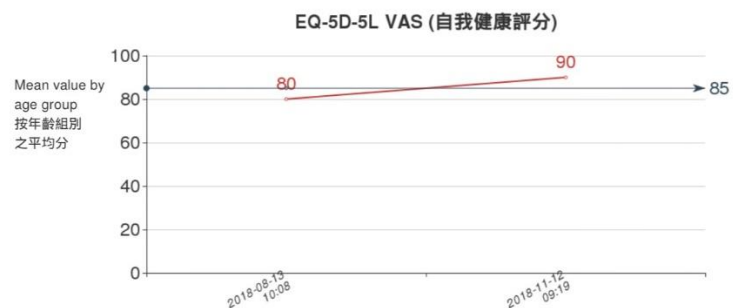
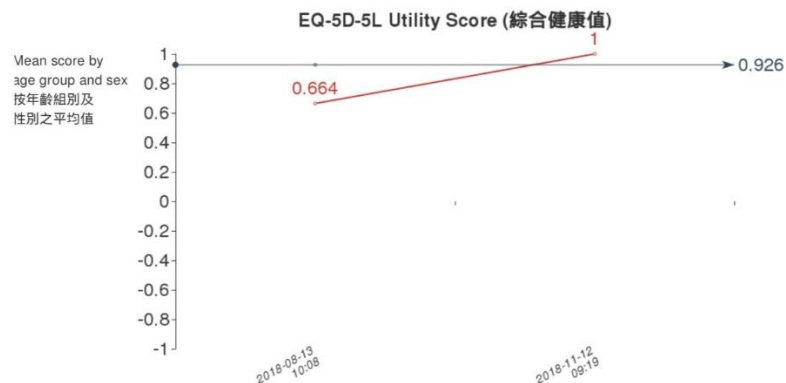
66%

1 of 1

Subject No. 參與者編號: 003 Sex性別: Female Age年齡: 51

EQ-5D-5L Level: 1=no problem無問題, 2=slight problems有輕微問題,
3=moderate problems有中度問題, 4=severe problems有嚴重問題, 5=extreme problems有極度問題

	HK population median	2018 08-13 10:08	2018 11-12 09:19
Mobility 行動能力	1	2	1
Self-Care 自我照顧	1	1	1
Usual activities 平常活動	1	1	1
Pain/discomfort 疼痛/不舒服	1	3	1
Anxiety/depression 焦慮/沮喪	2	2	1



N.B.

The report included the subject's longitudinal EQ-5D dimension, utility and VAS scores, up to five records, and the Hong Kong age-gender specific population norm reference.