

Attachment 3
Results of HCPS Pretest

Cognitive Testing of the HCPS

Cognitive interviews are one-on-one interviews used to assess the questionnaire in terms of general understanding, question and response wording, skip logic, and visual aids. The goal is to gain an understanding of how well the questions work when administered to a sample of the survey's target population. The interview follows a cognitive protocol with pre-scripted probes. Cognitive interviewers also use spontaneous probes to gain a better understanding of questions.

RTI conducted a total of 69 cognitive interviews over three rounds of testing. The cognitive interview process identified a number of issues that have been resolved in the current version of the questionnaire. These revisions largely fall into the following categories:

- Errors in skip logic were corrected;
- Questions that adolescents were not able to answer were identified, and the questionnaire was revised to skip over these for adolescents;
- Some series of questions that seemed overly long were shortened;
- Questions that seemed repetitive were eliminated;
- For some terms that patients did not understand; explanations were added;
- Show cards were added for questions that needed them;
- Lengthy lists of response categories were shortened;
- Transition statements were included to smooth transition between modules.

First Round Cognitive Interviews

Language	Respondent Profile	Focus of interviews
English	Interviews were conducted with a total of 8 participants ranging in age from 29 to 56. Two of the respondents completed the survey in proxy for their children.	Interviews were conducted using a paper instrument prior to CAPI programming. Focus was to determine issues with comprehension and skip logic.

Second Round Cognitive Interviews

Language	Respondent Profile	Focus of interviews
English	Interviews were conducted with a total of 12 English participants ranging in age from 26 to 75. One of the respondents completed the survey in proxy for her 1 year old child.	Interviews were conducted by CAPI. Focus was to determine issues with comprehension and to test the computer application to ensure the questions were routing properly.
Spanish	Interviews were conducted with a total of 8 Spanish participants ranging in age from 12 to 71. Two of the respondents completed the survey in proxy for their children	Interviews were conducted by CAPI. Interviewer focused on comprehension of Spanish translation.
Korean	Interviews were conducted with a total of 6 Korean participants ranging in age from 15 to 48. One of the respondents completed the survey in proxy for her 8 year old child.	Interviews were conducted by CAPI. Interviewer focused on comprehension of Korean translation.
Vietnamese	Interviews were conducted with a total of 4 Vietnamese participants ranging in age from 17 to 71. Two of the respondents completed the survey in proxy for their children	Interviews were conducted by CAPI. Interviewers focused on comprehension of Vietnamese translation.
Chinese	Interviews were conducted with a total of 6 Chinese participants ranging in age from 29 to 67. One of the respondents completed the survey in proxy for her 8 year old child.	Interviews were conducted by CAPI. Interviewers focused on comprehension of Chinese translation. Three interviews each were conducted in Cantonese and Mandarin.

Third Round Cognitive Interviews

Language	Respondent Profile	Focus of interviews
English	Interviews were conducted with a total of 8 English participants ranging in age from 15 to 73. Two of the respondents completed the survey in proxy for their children	Interviews were conducted by CAPI. Focus was to provide timing estimates and look for questions that could be cut back due to the length of the questionnaires. Average length of administration time was 7 minutes longer than proposed.
Spanish	Interviews were conducted with a total of 5 Spanish participants ranging in age from 28 to 56. One of the respondents completed the survey in proxy for her 3 year old child.	Interviews were conducted by CAPI. Interviewer focused on providing timing estimates.
Korean	Interviews were conducted with a total of 3 Korean participants ranging in age from 18 to 49.	Interviews were conducted by CAPI. Interviewer focused on providing timing estimates.
Vietnamese	Interviews were conducted with a total of 5 Vietnamese participants ranging in age from 15 to 58.	Interviews were conducted by CAPI. Interviewer focused on providing timing estimates.
Chinese	Interviews were conducted with a total of 4 Chinese participants ranging in age from 16 to 59.	Interviews were conducted by CAPI. Interviewer focused on providing timing estimates.