

Concepts in Economic Evaluation Analytic Assignment #2

This assignment will build on the first analytic assignment in which you discussed how you would plan for cost data collection for a program to increase Hib vaccination rates in East Baltimore.

Recall the CDC link on Hib that described the condition (http://www.cdc.gov/ncidod/dbmd/diseaseinfo/haeminfluserob_t.htm).

1. Considering the information about the condition, please discuss the advantages and disadvantages of each of the following methods of eliciting preferences for health states experienced by individuals with Hib:

Standard Gamble,
Time Tradeoff.

In particular, (a) identify whether each method would be expected to give unreasonably high or unreasonably low health utility values, and (b) discuss whether the tradeoffs that respondents are asked to make seem relevant in light of the type of condition that *Haemophilus influenzae* Serotype b is. Write a standard gamble and time tradeoff question for a hypothetical 35 year old individual who has a life expectancy of 45 years.

2. For the two health utility instruments:

EuroQoL-5D
Health Utility Index

(a) discuss whether the domains that are included in the instrument and the levels that a respondent can indicate are likely to capture the changes that occur with the disease. (b) Which domains do you think would vary for individuals who get Hib? (c) Which domains do you think will not vary for individuals who get Hib? (d) For a population receiving (or failing to receive) Hib vaccination in the United States, are there particular cultural advantages to the use of the EQ-5D or the HUI to measure health utility among those who later experience the condition?