

**JDRF Artificial Pancreas Project Randomized Clinical Trial**  
**Experienced Utility Survey- Parent Version**  
**tblASurveyExpP**


Patient ID: \_\_\_\_\_ **PtID**

**EXPERIENCED UTILITY**

**Introduction:**

We are asking the following question to find out what your child thinks about his/her current state of health. These are questions about imaginary choices, and will not affect your child's health or treatments. If you feel uncomfortable with these questions, we may stop.

**Use the "Time frame" that corresponds to the age of the patient to select the correct the hierarchical diagrams beginning on page 3.** The hierarchical diagram must be used in conjunction with every question below.

<b>Age of patient</b>	<b>Time frame*</b>	
8-15	50	 <b>TimeFrameP</b>
15-25	40	
25-35	30	
>35	20	


The first question is simply a choice between the full time in current health vs. the full time in perfect health. If parent chooses full time in current health then discuss answer, determine if parent intends answer and go to next question. All questions are a choice between 1) "X years in perfect health" 2) "Y years with condition" or 3) "No preference, because these seem about the same". Every questions must be asked six different times using the hierarchical diagram flow or until the patient chooses "No preference".

If this section is unclear please see example at the end of this document.

***Interviewer: The time tradeoff questions begin at this point.***

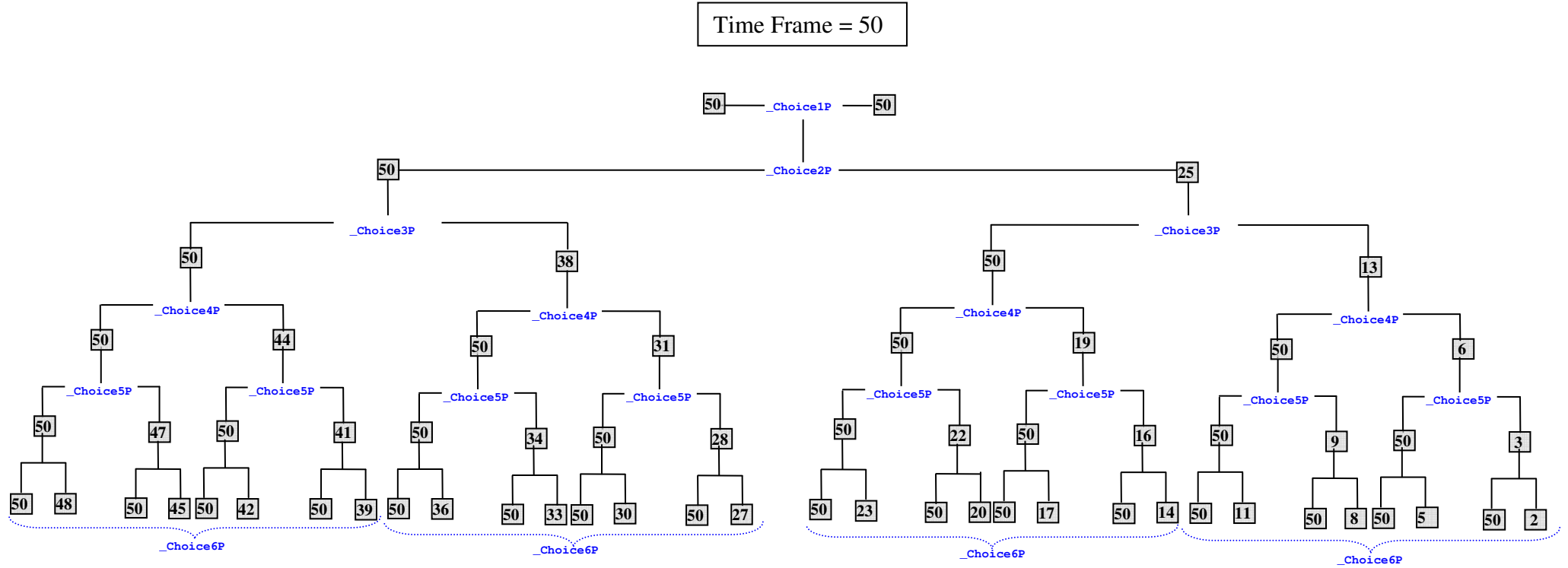
Primary caregiver \_\_\_\_\_ **EduCareGvrP**

Now I am going to ask you an imaginary question. Imagine your child had the following choice, which would he/she prefer?

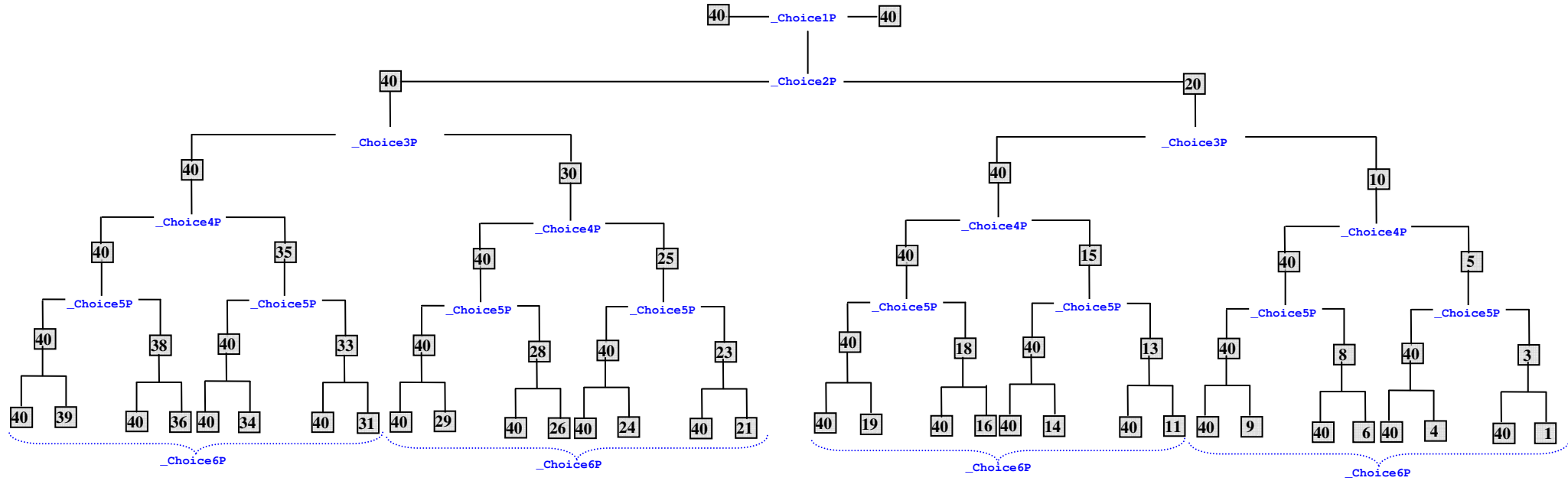
- ☐ \_\_\_\_\_ years in his/her current state of health with diabetes, including its effects on their body, the worries they have about the disease, and the effects of its treatments or
  - ☐ \_\_\_\_\_ years in perfect health without diabetes
  - ☐ No preference, because these seem about the same to him/her
  - ☐ Parent refuses to continue **RefContP**
-  **HlthChoice1P, HlthChoice2P,**  
**HlthChoice3P, HlthChoice4P**  
**HlthChoice5P, HlthChoice5P**

***Interviewer: If parent does not choose living in perfect health then discuss answer, determine if parent intends answer and go to next question.***

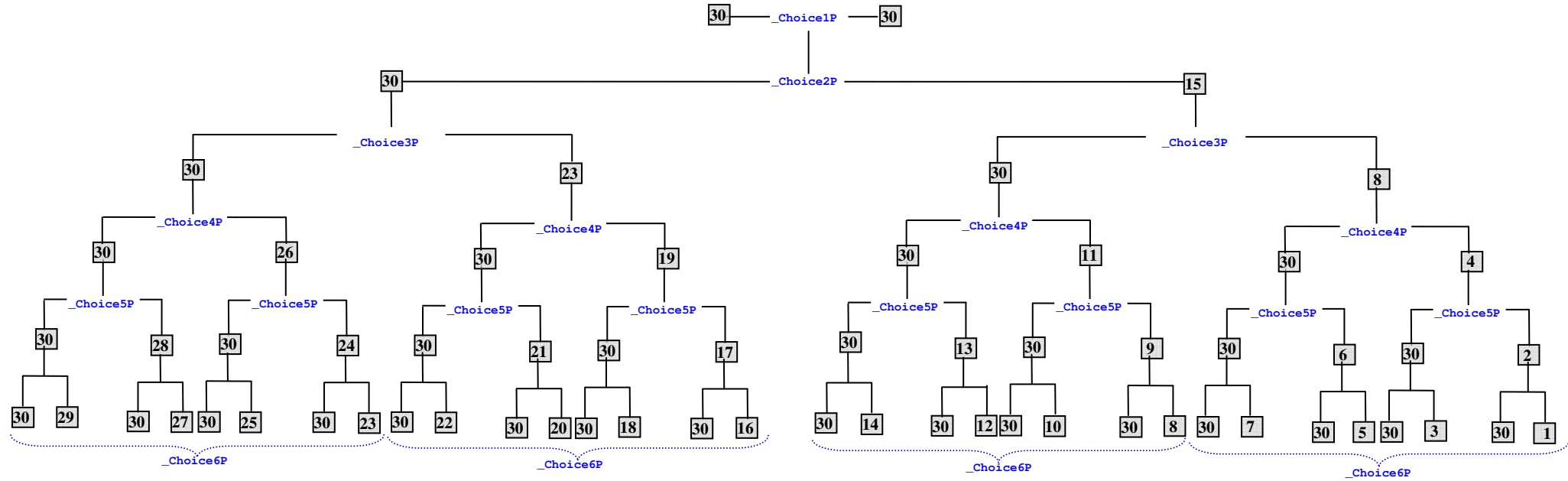
# Hierarchical Diagrams



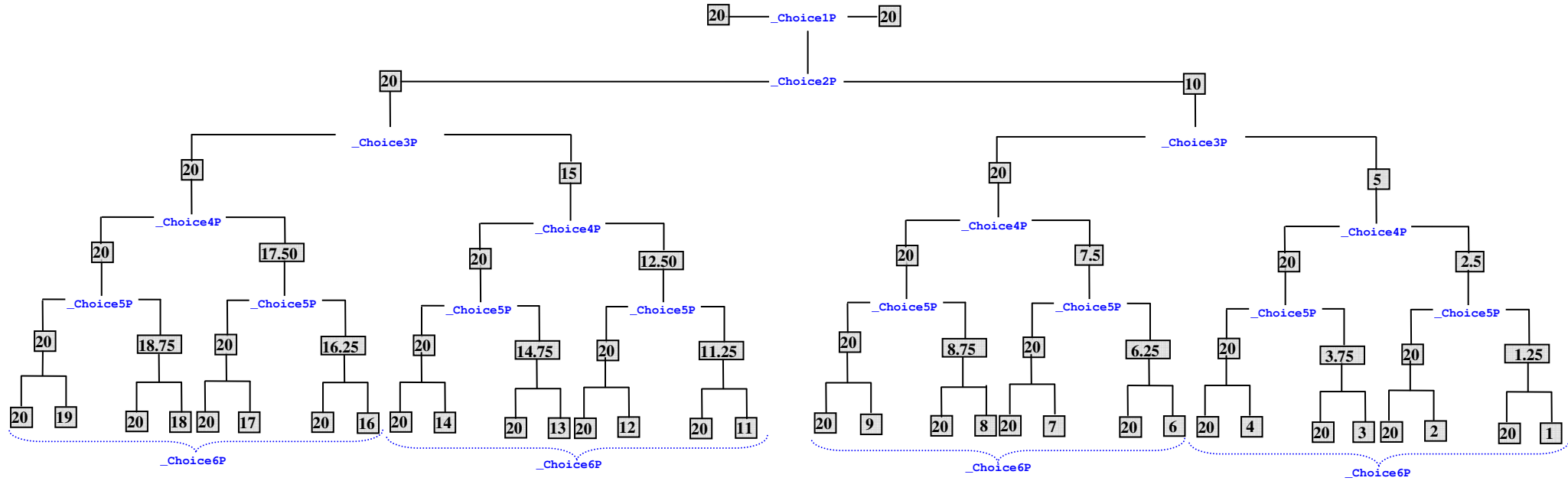
Time Frame = 40



Time Frame = 30



Time Frame = 20



# Fictitious example:

An investigator is asking Joe (parent) questions about his daughter. Joe's daughter is 15 years old which puts her "Time Frame" equal to **50**. The investigator asks Joe the following question using the hierarchical diagram flow to plot the number of years for each question.

Question 1: Imagine your child had the following choice, which would he/she prefer; **50 years in his/her current state of health with diabetes or 50 years in perfect health?** **\_Choice1P**

Answer: **50 years in perfect health**

Question 2: Which would he/she prefer; **50 years in his/her current state of health with diabetes or 25 years in perfect health?** **\_Choice2P**

Answer: **50 years in his/her current state of health with diabetes**

Question 3: Which would he/she prefer; **50 years in his/her current state of health with diabetes or 38 years in perfect health?** **\_Choice3P**

Answer: **38 years in perfect health**

Question 4: Which would he/she prefer; **50 years in his/her current state of health with diabetes or 31 years in perfect health?** **\_Choice4P**

Answer: **31 years in perfect health**

Question 5: Which would he/she prefer; **50 years in his/her current state of health with diabetes or 28 years in perfect health?** **\_Choice5P**

Answer: **50 years in his/her current state of health with diabetes**

Question 6: Which would he/she prefer; **50 years in his/her current state of health with diabetes or 30 years in perfect health?** **\_Choice6P**

Answer: **30 years in perfect health**

The red boxes represent Joe's choices. Please note that if Joe had chosen "No Preference" at any point this section would be over.

