

Attachment 11

Sucrose Preference Test

Name of test: Sucrose Preference Test

Estimated time burden: 5 minutes

Number of items: Between 3 and 9 items

Description: This test assesses which concentration of sucrose a participant prefers. The examiner presents sucrose solutions of varying concentrations in pairs to the participant. The examiner should place the mat labeled #1 to the participant's left and the mat labeled #2 to the participant's right. The examiner asks the participant to taste each solution, one of which is in position #1 (cup #1) and the other is in position 2 (cup #2), and then to choose the preferred one. Pairs of solutions are presented until the participant chooses the same concentration twice in a row, not counting the first presentation.

Administration instructions:

The examiner introduces the activity with the following statement: **“Here are two cups.” Point to the cups on the mat. “First, you will taste what is in cup #1 and after you spit that one out and rinse your mouth, you will taste what is in cup #2. At the end, you will point to which one you liked better.”** If the participant asks what kind of liquid is in the cups, say: **“It’s sugar and water.”**

Continue with the following: **“Let’s begin.”** As the examiner points to cup #1, say: **“I want you to put what is in this cup in your mouth and swish it around for 5 seconds BUT don’t swallow it; I will tell you when to spit it out. If you should accidentally swallow any, it will not hurt you.”**

The examiner should count by 1000s (e.g., one-thousand-one, one-thousand-two...) to measure 5 seconds and then say: **“Now spit it out. Then, rinse your mouth with the bottled water 2 times.”**

After the participant has spit out the rinse water, the examiner points to cup #2 and says: **“I want you to put what is in this cup in your mouth and swish it around for 5 seconds but don’t swallow it. I will tell you when to spit it out.”** The examiner should count by 1000s to measure 5 seconds.

Then say: **“Now, spit it out.”**

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Continue: “**Now rinse your mouth 2 times with the bottled water.**”

After the participant has rinsed: “**Point to which cup you liked better – the first one or the second one.**”

After the participant answers, the examiner marks the response on the computer screen and says: “**Now we will do this again with two more cups.**”

As with the first pair, the examiner begins by pointing to cup #1 and saying: “**I want you to put what is in this cup in your mouth and swish it around for 5 seconds BUT don’t swallow it. I will tell you when to spit it out.**” The examiner should count by 1000s to measure 5 seconds.

Then say: “**Now, spit it out.**”

Continue: “**Now rinse your mouth with the bottled water 2 times and then spit it out.**”

After the participant has spit out the rinse water, the examiner points to cup #2 and says: “**Now, put what is in this cup in your mouth and swish it around for 5 seconds BUT don’t swallow it. I will tell you when to spit it out,**” The examiner should count by 1000s to measure 5 seconds.

Then say: “**Now, spit it out.**”

Continue: “**Now rinse your mouth 2 times with the bottled water.**”

After the participant has rinsed: “**Point to which cup you liked better – the first one or the second one.**”

After the participant answers, the examiner marks the response on the computer screen and says: “**Now we will do this again with two new cups.**”

The examiner continues the presentation until the participant chooses the same concentration on two successive trials.