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INSTRUMENT TITLE: *"A Pictographic Medication Adherence Self-Efficacy Scale"*

SOURCE ARTICLE: Kalichman, S. C., Cain, D., Fuhrel, A., Eaton, L., Di Fonzo, K., & Ertl, T. (2005). Assessing medication adherence self-efficacy among low-literacy patients: Development of a pictographic visual analogue scale. *Health Education Research,* 20(1), 24.

RESPONSE OPTIONS: Following each scenario, participants were asked 'How confident are you that you could take your medications in that situation as directed?' and marked their level of confidence on a color visual analogue scale (see below Fig 1.).
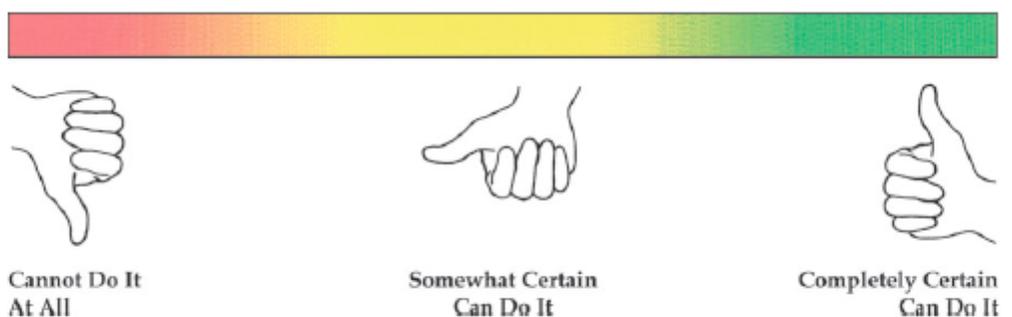

Cannot Do It
At All

Somewhat Certain
Can Do It

Completely Certain
Can Do It

Fig. 1. Color visual analogue format for medication self-efficacy responses.

SURVEY ITEMS: The authors (with the help of a sketch artist) developed simple line drawings that depicted individuals who were of ambiguous ethnic backgrounds depicting the scenes below. The instructions for responding to the scenarios were read aloud, stating that each scene depicted a person living with HIV who is taking anti-HIV medications. Participants were told that the person has been instructed by their doctor to take their medications exactly as directed. Then participants were told that they should imagine being the person in the situation and respond how confident they were that they could take their medications exactly as directed in that situation. Each scenario was presented twice, with the second presentation increasing the difficulty level.

Scene 1: Unexpected visit

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You are coming home from shopping and run into an old (friend/lover). You haven't seen him/her in a long time, so you decide to stop at his/her apartment for coffee. After a while you realize that you are having a good time talking to your (old friend/former lover). You do not have your evening medication dose with you and realize that you will have to go home right away in order to take the medication on time.

Scene 2: Oversleeping
You have had difficulty sleeping for the last several nights. Last night you tossed and turned but finally fell asleep at 3 a.m. Your alarm rings at 7:30 a.m. to wake you up, but you are still really tired. You don't need to be anywhere today, but you remember the alarm was set to remind you to take your medication. The medicine is (sitting on your bedside table with a glass of water ready for you/in the cabinet in your bathroom and you have to get out of bed to get it).

Scene 3: Alcohol use
You are walking back from the bus stop and run into an old drinking buddy. He/She invites you to a bar for a drink. After a while, you have had (three/seven) beers and you're having a good time talking with your old friend. (You are feeling quite intoxicated.) You do not have your evening medication dose with you and realize that you will have to go home right away in order to take your medications on time.