

**APPENDIX E1.**

Survey about ED HIV counseling and testing.

**Intentions**

- 1) Do you plan on making any changes in your life as a result of our conversation today?  
 Yes  No  Not Sure  declines to answer  
 1b) If yes, what changes do you plan to make, what is your plan? (record exact wording)  
 declines to answer
- 2) Why do you (not) want to make changes? (record exact wording)  
 declines to answer
- 3) Do you plan to get another HIV test in the next 3 to 6 months?  
 Yes  No  Not Sure  declines to answer
- 4) Are you going to talk to your sex or needle-sharing partners about HIV?  
 Yes  No  Not Sure  declines to answer  not applicable

**Perceptions of HIV Counseling**

- 5) Did you think that talking today about HIV will help you to improve your health?  
 Yes  No  Not Sure  declines to answer
- 6) If we did not discuss HIV risk and prevention and only provided information about the test itself, would you still have taken the HIV test?  
 Yes  No  Not Sure  declines to answer
- 7) Would you have preferred to get the test *without* our longer discussion about HIV risk and prevention?  
 Yes  No  Not Sure  declines to answer
- 8) If we had given you the HIV test today without any information and then asked you to go somewhere else to talk about HIV risk and prevention, would you have done this?  
 Yes  No  Not Sure  declines to answer

**ED Role**

- 9) Were you comfortable with your privacy when you were talking about HIV?  
 Yes  No  Not Sure  declines to answer
- 10) Were you able to ask all of your questions about HIV and have them answered?  
 Yes  No  Not Sure  declines to answer
- 11) Have been tested for HIV before?  
 Yes  No  Not Sure  declines to answer  
 If yes  
 11a) was this in the ED  
 Yes  No  Not Sure  declines to answer

**Readiness to Change<sup>26</sup>**

I am now going to read a series of statements as if you were saying them. Please tell me if you think they are true or false for you.

- 1) I don't think I am at risk for HIV.  
 True  False  declines to answer
- 2) I am trying to use methods that reduce my risk for HIV.  
 True  False  declines to answer
- 3) Sometimes I think I need to better protect myself from getting HIV.  
 True  False  declines to answer
- 4) It is a waste of time worrying about getting HIV.  True  
 False  declines to answer

- 5) I have just recently changed my sexual and or drug habits (using condoms, getting tested, etc.).  
 True  False  declines to answer
- 6) Anyone can talk about not wanting to get HIV, but I am actually doing something about it.  
 True  False  declines to answer
- 7) I am at the point where I should think about protecting myself from getting HIV.  
 True  False  declines to answer
- 8) Not protecting myself from HIV is a problem.  
 True  False  declines to answer
- 9) There is no need for me to protect myself from HIV.  
 True  False  declines to answer
- 10) I am actually changing my HIV prevention methods now.  
 True  False  declines to answer
- 11) Ways to reduce my risk for HIV would be pointless for me.  
 True  False  declines to answer

## SURVEY ABOUT ED HIV COUNSELING AND TESTING

### Intentions

- 1) Do you plan on making any changes in your life as a result of our conversation today:  
 Yes  No  Not Sure  declines to answer
- 2) Why do you (not) want to make changes? (record exact wording)  
 declines to answer
- 1b) If yes, what changes do you plan to make, what is your plan? (record exact wording)  
 declines to answer
- 3) Do you plan to get another HIV test in the next 3 to 6 months?  
 Yes  No  Not Sure  declines to answer
- 4) Are you going to talk to your sex or needle sharing partners about HIV?  
 Yes  No  Not Sure  declines to answer  not applicable

### Perceptions of HIV Counseling

- 5) Did you think that talking today about HIV will help you to improve your health?  
 Yes  No  Not Sure  declines to answer
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### ED Role

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If yes
  - 11a) was this in the ED  
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**Table E1.** Knowledge quiz responses before and after counseling.\*

Category/Question	% Correct		Difference, %	95% CI
	Pretest	Posttest		Lower, Upper
<b>Benefits of testing</b>				
Live longer with current drug treatments	83.0	81.9	-1.1	(-0.07, -0.04)
<b>Definition of HIV/AIDS</b>				
People can get AIDS without getting HIV	60.6	67.0	6.4	(-0.04, -0.17)
Infected with HIV does not mean AIDS	69.4	82.7	13.3	(0.03, -0.23)
<b>HIV prevention</b>				
Can give HIV to baby through breastfeeding	79.8	83.0	3.2	(-0.05, -0.11)
HIV is destroyed by bleach	29.2	41.7	12.5	(0.03, -0.22)
<b>HIV transmission</b>				
Cannot get HIV by donating blood	46.4	63.9	17.5	(0.06, -0.29)
Get HIV from needle sharing, only give through needle sharing	67.0	71.0	4.0	(-0.04, -0.12)
Coins, such as quarters or nickels, can carry HIV	90.7	94.8	4.1	(-0.03, -0.12)
HIV by having oral sex	88.8	94.9	6.1	(-0.01, -0.14)
Only prevent HIV from intravenous drugs by quitting	46.4	59.8	13.4	(0.03, -0.23)
No sex only way to reduce risk of HIV	50.0	60.0	10.0	(0.00, -0.19)
Prevent HIV by washing genitals or private parts	88.0	91.0	3.0	(-0.04, -0.10)
<b>HIV testing</b>				
Infected for 5 y or more without getting AIDS	81.3	88.5	7.2	(-0.01, -0.16)
Infected 1 week ago means negative HIV test	47.4	74.2	26.8	(0.16, -0.36)
Negative test should be repeated in 3-6 mo	96.0	100.0	4.0	(0.00, -0.10)
<b>Rapid HIV testing</b>				
Rapid positive HIV test result, may not have HIV	41.4	57.5	16.1	(0.04, -0.28)

\*Differences in the proportion of correct responses between before and after counseling and 95% CI for those differences are shown.

**Table E2.** Change in behavior for patients undergoing repeated testing in an ED-based HIV counseling and testing program.\*

Behavior	Participating in Behavior, No.	Increasing Risk, %	No Change, %	Decreasing Risk, %
Sex with a man	184	28	49	23
Sex with a woman	179	25	50	26
Oral sex	285	24	54	22
Anal sex	85	44	15	41
Sex with at-risk partner	106	35	7	58
Sex with HIV positive partner	5	20	0	80
Sex while intoxicated	223	37	26	37
Sex exchanged for drugs or money	58	47	14	40
Injection drug use	24	21	21	58
Crack use	28	36	29	36

\*The percentage change reflects a change defined by beginning or ending an activity during the year and, for sex behaviors, altered frequency of condom use.