

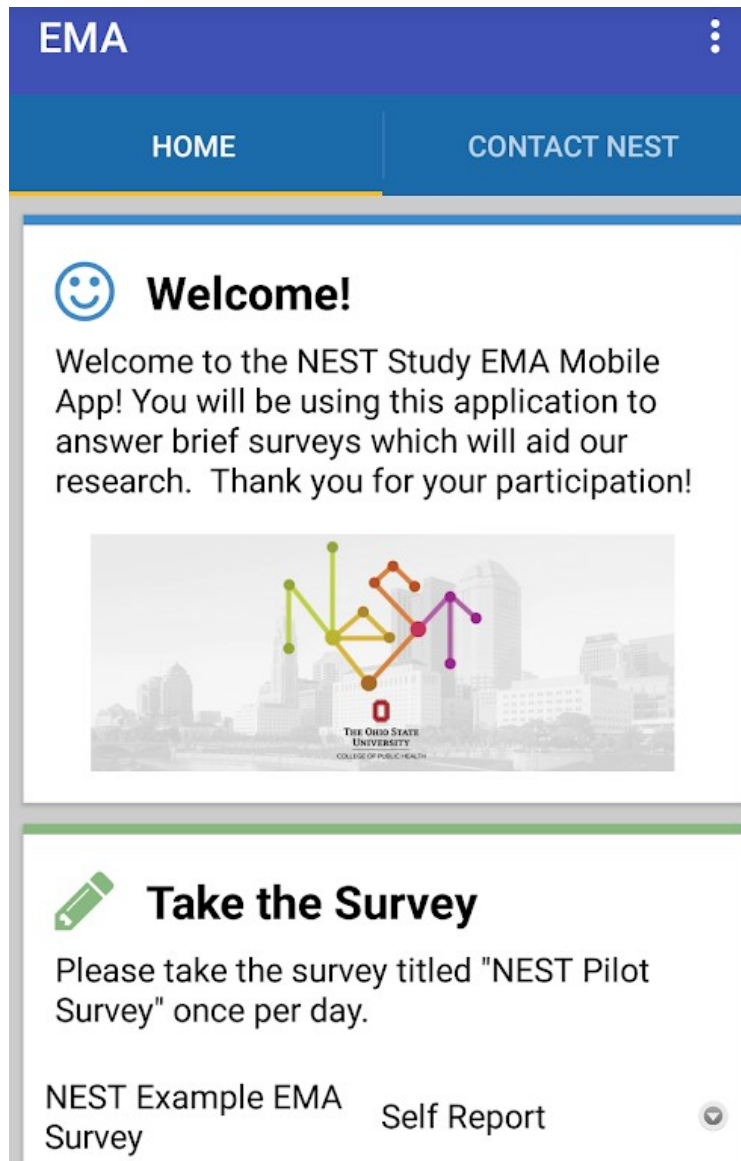
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Network Epidemiology of Syphilis Transmission (NEST)

Attachment 5

Smartphone Survey

SMARTPHONE SURVEY: Ecological Momentary Assessment (EMA)



EMA_1. Did you have anal sex in the last 24 hours?

- Yes 1
- No 2
- Don't know or don't remember 99

The image shows a mobile survey interface. At the top, there is a blue header with a white left-pointing arrow and the text 'EMA'. Below the header is a white question box with a grey border containing the text 'Did you have anal sex in the last 24 hours?'. Underneath the question are three radio button options: 'Yes', 'No', and 'Don't know or don't remember'. At the bottom right of the survey area is a blue button with a white right-pointing arrow.

EMA_1a. How many men did you have anal sex with in the last 24 hours?

- | | |
|--------------------------------|----|
| • 1 | 1 |
| • 2 | 2 |
| • 3 | 3 |
| • 4 | 4 |
| • 5 | 5 |
| • 6+ | 6 |
| • Don't know or don't remember | 99 |

← EMA

How many men did you have anal sex with in the last 24 hours?

0

1

2

3

4

5

6+

Don't know or don't remember

EMA_1b. How many women did you have anal sex with in the last 24 hours?

- | | |
|--------------------------------|----|
| • 1 | 1 |
| • 2 | 2 |
| • 3 | 3 |
| • 4 | 4 |
| • 5 | 5 |
| • 6+ | 6 |
| • Don't know or don't remember | 99 |

← EMA

How many women did you have anal sex with in the last 24 hours?

0

1

2

3

4

5

6+

Don't know or don't remember

EMA_1c. The last time you had anal sex in the last 24 hours, were you the top or the bottom?

- Yes 1
- No 2
- Don't know or don't remember 99

EMA

The last time you had anal sex in the last 24 hours, were you the top or bottom?

Top

Bottom

Top some of the time and bottom some of the time

Don't know or don't remember

>

EMA_1d. The last time you had anal sex in the last 24 hours, was a condom used?

- Yes 1
- No 2
- Don't know or don't remember 99

EMA

The last time you had anal sex in the last 24 hours, was a condom used?

Yes

No

Don't know or don't remember

>

EMA_1e. The last time you had anal sex in the last 24 hours, was lubricant used (for example saliva, semen, commercial lube, or another product)?

- Yes 1

- No
- Don't know or don't remember

2
99

EMA

The last time you had anal sex in the last 24 hours, was lubricant used (for example saliva, semen, commercial lube or another product)?

Yes

No

Don't know or don't remember

EMA_1f. Which lubricant? (mark all that apply)

- Commercial lubricant
- Saliva
- Semen
- Another product
- No lubricant was used
- Don't know or don't remember

1
2
3
4
5
99

EMA

Which lubricant? (mark all that apply)

- Commercial lubricant
- Saliva
- Semen
- Another product
- No lubricant was used
- Don't know or don't remember

>

EMA_1g. The last time you had anal sex in the last 24 hours, where were you?

- My home 1
- In the other person's home 2
- In a public indoor place (e.g., bar, club, etc.) 3
- In a public outdoor place (e.g., park, car, etc.) 4
- In a private setting (house party, hotel, etc.) 5
- Other location 6
- Don't know or don't remember 99

← EMA

The last time you had anal sex in the last 24 hours, where were you?

My home

In the other person's home

In a public indoor place (bar, club, etc.)

In a public outdoor place (park, car, etc.)

In a private setting (house party, hotel, etc.)

Other location

Don't know or don't remember

>

EMA_1h. Thinking about the last person you had anal sex with in the last 24 hours: where did you first meet that person?

- Website or mobile app 1
- In a public indoor place (bar, club, etc.) 2
- In a public outdoor place (park, car, etc.) 3
- In a private setting (house party, hotel, etc.) 4
- At work 5
- Through friends 6
- Other location 7
- Don't know or don't remember 99

← EMA

Thinking about the last person you had anal sex with in the last 24 hours: where did you first meet that person?

Website or mobile app

In a public indoor place (bar, club, etc.)

In a public outdoor place (park, car, etc.)

In a private setting (house party, hotel, etc.)

At work

Through friends

Other location

Don't know or don't remember

EMA_1i. Thinking about the last person you had anal sex with in the last 24 hours: how long have you known that person?

- I met that person for the first time when we had sex 1
- Less than 1 week 2
- More than 1 week, but less than 1 month 3
- More than 1 month 4
- Don't know or don't remember 99

← EMA

Thinking about the last person you had anal sex with in the last 24 hours: how long have you known that person?

I met that person for the first time when we had sex

Less than 1 week

More than 1 week, but less than 1 month

More than 1 month

Don't know or don't remember

>

EMA_2. Did you have oral sex in the last 24 hours?

- Yes 1
- No 2
- Don't know or don't remember 99

EMA

Did you have oral sex in the last 24 hours?

Yes

No

Don't know or don't remember

>

EMA_2a. How many men did you have oral sex with (either giving or getting a blowjob) in the last 24 hours?

- | | |
|--------------------------------|----|
| • 1 | 1 |
| • 2 | 2 |
| • 3 | 3 |
| • 4 | 4 |
| • 5 | 5 |
| • 6+ | 6 |
| • Don't know or don't remember | 99 |

← EMA

How many men did you have oral sex with (either by giving or getting a blowjob) in the last 24 hours?

0

1

2

3

4

5

6+

Don't know or don't remember

EMA_2b. How many women did you have oral sex with (either giving or getting a blowjob) in the last 24 hours?

- | | |
|--------------------------------|----|
| • 1 | 1 |
| • 2 | 2 |
| • 3 | 3 |
| • 4 | 4 |
| • 5 | 5 |
| • 6+ | 6 |
| • Don't know or don't remember | 99 |

← EMA

How many women did you have oral sex with (either by going down on her or getting a blowjob from her) in the last 24 hours?

0

1

2

3

4

5

6+

Don't know or don't remember

EMA_2c. The last time you had oral sex in the last 24 hours, did you get a blowjob or did you give a blowjob/go down on someone?

- I got a blowjob 1
- I gave a blowjob/went down on someone 2
- I got a blowjob and gave a blowjob/ went down on someone 3
- Don't know or don't remember 99

← EMA

The last time you had oral sex in the last 24 hours, did you get a blowjob or did you give a blowjob/go down on someone?

I got a blowjob

I gave a blowjob/went down on someone

I got a blowjob and gave a blowjob/ went down on someone

Don't know or don't remember

>

EMA_2d. The last time you had oral sex in the last 24 hours, where were you?

- My home 1
- In the other person's home 2
- In a public indoor place (e.g., bar, club, etc.) 3
- In a public outdoor place (e.g., park, car, etc.) 4
- In a private setting (house party, hotel, etc.) 5
- Other location 6
- Don't know or don't remember 99

← EMA

The last time you had oral sex in the last 24 hours, where were you?

My home

In the other person's home

In a public indoor place (bar, club, etc.)

In a public outdoor place (park, car, etc.)

In a private setting (house party, hotel, etc.)

Other location

Don't know or don't remember

>

EMA_2e. Thinking about the last person you had oral sex with in the last 24 hours: where did you first meet that person?

- In a public indoor place (bar, club, etc.) 1
- In a public outdoor place (park, car, etc.) 2
- In a private setting (house party, hotel, etc.) 3
- At work 4
- Through friends 5
- Other location 6
- Don't know or don't remember 99

← EMA

Thinking about the last person you had oral sex with in the last 24 hours: where did you first meet that person?

Website or mobile app

In a public indoor place (bar, club, etc.)

In a public outdoor place (park, car, etc.)

In a private setting (house party, hotel, etc.)

At work

Through friends

Other location

Don't know or don't remember

EMA_3. In the past 24 hours, did you take PrEP (a daily pill that prevents people from getting HIV infection)?

- Yes 1
- No 2
- Not applicable; I am HIV+ 3
- Don't know or don't remember 99



In the last 24 hours, did you take PrEP (a daily pill that prevents people from getting HIV infection)?

Yes

No

Not applicable; I am HIV+

Don't know or don't remember

Submit