Supplementary Online Content


**Appendix.** Tanning Survey

This supplementary material has been provided by the authors to give readers additional information about their work.
Appendix

Tanning Survey

1) How old are you (in years)? __________    Today's Date___________________

2) What is your gender?     
   ○ male    □ female

3) What is your skin color?
   ○ very white/ freckled  □ brown
   □ white               □ dark brown
   □ white to olive       □ black

4) Do you think tanned skin looks more attractive than un-tanned skin?
   ○ never    □ rarely   □ sometimes    □ most of the time    □ always

5) Do you feel better about yourself when you have a tan?
   ○ never    □ rarely   □ sometimes    □ most of the time    □ always

6) Have you ever had a skin cancer? (check all that apply)
   ○ none    □ basal cell carcinoma
   □ unsure    □ squamous cell carcinoma
   □ melanoma    □ other type of skin cancer:____________________

7) When you are in direct sunlight for 30 minutes without sunscreen, what happens to your skin?
   ○ never burns    □ sometimes burns
   □ very rarely burns    □ usually burns
   □ rarely burns    □ always burns

8) What is the highest level of school you have finished?
   ○ elementary school    □ high school    □ college    □ graduate school

9) What is your yearly income level?
   ○ no income    □ $35-50,000
   □ under $25,000    □ $50-75,000
   □ $25-35,000    □ over $75,000

Note: For this survey, the phrase “sunless tanning products” is used to describe temporary tanning products such as self-applied lotions, sprays, gels, and foams, as well as spray-on tanning booths and professionally-applied sprays or lotions applied at tanning salons. Tanning beds are not considered “sunless tanning products” because they use ultraviolet light.

10) Over the past year, how many times have you intentionally tried to tan your skin with the sun?
    ○ none    □ 1-2 times    □ 3-5 times    □ 5-15 times    □ 15-30 times    □ 30+ times

11) Over the past year, how many times have you intentionally tried to tan your skin with tanning beds?
    ○ none    □ 1-2 times    □ 3-5 times    □ 5-15 times    □ 15-30 times    □ 30+ times

12) Over the past year, how many times have you intentionally tried to tan your skin with sunless tanning products
    ○ none    □ 1-2 times    □ 3-5 times    □ 5-15 times    □ 15-30 times    □ 30+ times

**If you answered “none” to this question, please skip to question 27. Otherwise, please continue**
If you HAVE used sunless tanning products in the past year, please continue with question 13.

If you HAVE NOT used sunless tanning products in the past year, please skip to question 27.

13) What type of sunless tanning product do you use most often?
   0. self-applied
   1. professionally-applied at tanning salon (includes spray-on tans, lotions, airbrushing)

14) After using sunless tanning products, do you also tan in the sun to increase your tan?
   0. never
   1. rarely
   2. sometimes
   3. most of the time
   4. always

15) After using sunless tanning products, do you also use tanning beds to increase your tan?
   0. never
   1. rarely
   2. sometimes
   3. most of the time
   4. always

16) Because of sunless tanning products, how has the amount of time you spend tanning in the sun changed?
   0. decreased
   1. no change
   2. increased
   3. I never tan in the sun

17) Because of sunless tanning products, how has the amount of time you spend tanning in tanning beds changed?
   0. decreased
   1. no change
   2. increased
   3. I never tan in tanning beds

For Questions 18-26, circle how important these reasons are for your decision to use sunless tanning products:

- Not Important
- Of Little Importance
- Moderately Important
- Very Important

18) These products are safer than the sun
19) These products are safer than tanning beds
20) Most affordable way to tan my skin
21) Most convenient way to tan my skin
22) Use instead of the sun when it is cold outside
23) I burn instead of tanning with other methods
24) Believe I am at risk for skin cancer
25) Want to avoid wrinkles
26) other:_________________________________

**If you HAVE NOT used sunless tanning products in the past year, please continue with question 27 here**
(Otherwise you have finished the survey)

For Questions 27-35, circle how important these reasons are for your decision NOT to use sunless tanning products:

- Not Important
- Of Little Importance
- Moderately Important
- Very Important

27) Don’t care if my skin is tan
28) Prefer to tan in the sun
29) Prefer to tan with tanning beds
30) These products are too expensive
31) Don’t like the color of tans from these products
32) Tans from these products are too streaky
33) Tans from these products fade too quickly

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34) Concerned about safety of these products | 1 | 2 | 3 | 4 | 5
35) other: ________________________________ | 1 | 2 | 3 | 4 | 5