

## Supplementary Online Content

Cohen BE, Martires KJ, Ho RS. Psoriasis and the risk of depression in the US population: National Health and Nutrition Examination Survey 2009-2012. *JAMA Dermatol*. Published online September 30, 2015.  
doi:10.1001/jamadermatol.2015.3605

**eTable 1.** Psoriasis Severity Questionnaire

**eTable 2.** Depression Screener Questions

**eTable 3.** Interaction Term Between Coronary Artery Disease and Psoriasis

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

**eTable 1. Psoriasis Severity Questionnaire**

1. "Do you have little or no psoriasis?"
2. "Do you have only a few patches that could be covered by one or two palms of your hand?"
3. "Do you have scattered patches that could be covered with between 3 and 10 palms?"
4. "Do you have extensive psoriasis covering large areas that would be more than 10 palms of your hand?"

**eTable 2. Depression Screener Questions**

1. Little interest or pleasure in doing things
2. Feeling down, depressed, or hopeless
3. Trouble sleeping or sleeping too much
4. Feeling tired or having little energy
5. Poor appetite or overeating
6. Feeling bad about yourself or that you are a failure
7. Trouble concentrating on things
8. Moving or speaking slowly or too fast
9. Thoughts that you would be better off dead or hurting yourself in some way

**eTable 3.** Interaction Term Between Coronary Artery Disease and Psoriasis

<b><u>Variable</u></b>	<b><u>OR (95% CI)</u></b>	<b><u>P Value</u></b>
Male sex	0.37 (0.31-0.45)	<.001
Age	1.02 (1.01-1.02)	<.001
Race		
White	1 [Reference]	
Hispanic	0.79 (0.55-1.13)	.07
African American	1.04 (0.74-1.46)	.27
Other	0.99 (0.69-1.42)	.32
BMI		
<25.0	1 [Reference]	
25.0-29.9	1.58 (1.10-2.26)	.02
30.0-34.9	1.55 (1.14-2.10)	.01
≥35.0	1.48 (1.09-1.99)	.01
Physical activity		
None	1 [Reference]	
Moderate	0.57 (0.39-0.85)	.01
Vigorous	0.42 (0.29-0.60)	.001
Smoking	1.80 (1.50-2.16)	<.001
Alcohol use	2.79 (2.29-3.38)	<.001
History of CAD	1.17 (0.74-1.84)	.51
History of stroke	1.95 (1.34-2.86)	.01
History of diabetes mellitus	1.83 (1.44-2.33)	<.001
History of psoriasis	2.32 (1.58-3.42)	<.001
<b>Psoriasis + CAD</b>	<b>0.22 (0.03-1.82)</b>	<b>.15</b>
<b>Psoriasis + stroke</b>	<b>0.74 (0.13-4.12)</b>	<b>.73</b>

Outcome Variable: Positive Major Depression Screening (PHQ9 score ≥10)

Abbreviations: OR= Odds Ratio, 95% CI: 95% Confidence Interval, ref. = reference category, BMI= Body Mass Index (calculated as weight in kilograms divided by height in meters squared); , CAD= Coronary Artery Disease