

CORRECTION

# Correction: Synergistic Effect of Viral Load and Alcohol Consumption on the Risk of Persistent High-Risk Human Papillomavirus Infection

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There is an error in the second and third to last sentences of the “Subjects and groups” subsection of the Materials and Methods. The correct sentences are: Clearance was defined for both follow-up groups as HPV positivity at baseline with HPV negativity 1 year ( $n = 148$ ) or 2 years later ( $n = 66$ ) regardless of intermediate results. Persistence was defined as HPV positivity at baseline with HPV positivity at 1 ( $n = 136$ ) or 2 years later ( $n = 56$ ), regardless of intermediate results.

There are multiple errors in [Table 5](#). Please see the corrected [Table 5](#) here.



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**Citation:** Oh HY, Seo S-S, Kim MK, Lee DO, Chung YK, Lim MC, et al. (2015) Correction: Synergistic Effect of Viral Load and Alcohol Consumption on the Risk of Persistent High-Risk Human Papillomavirus Infection. PLoS ONE 10(4): e0124991. doi:10.1371/journal.pone.0124991

**Published:** April 13, 2015

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**Table 5. Effect of the interaction between a high HR-HPV load and alcohol consumption on the risk of 2-year HR-HPV persistence.**

	Low HR-HPV load <sup>1)</sup>		High HR-HPV load		Age-adjusted OR for a high HPV load within the strata of alcohol consumption	RERI <sup>3)</sup> S <sup>4)</sup>
	N w/wo persistence	Age-adjusted OR (95% CI) <sup>2)</sup>	N w/wo persistence	Age-adjusted OR (95% CI)		
<b>No alcohol consumption</b>	11/23	1 (ref.)	15/10	3.37 (1.09–10.4); <i>p</i> = 0.035	3.29 (1.07–10.1); <i>p</i> = 0.037	3.26 (1.42–5.09); <i>p</i> < 0.001
<b>Alcohol consumption</b>	10/23	0.99 (0.34–2.92); <i>p</i> = 0.988	20/10	6.61 (2.09–20.9); <i>p</i> = 0.001	7.22 (2.09–24.9); <i>p</i> = 0.002	2.38 (1.46–3.89); <i>p</i> < 0.001
<i>Age-adjusted OR for alcohol consumption within the strata of HPV load</i>		0.98 (0.34–2.86); <i>p</i> = 0.975	2.14 (0.62–7.45); <i>p</i> = 0.231			
<b>Alcohol consumption for &lt; 5 years</b>	12/23	1 (ref.)	17/11	2.57 (0.96–6.84); <i>p</i> = 0.060	3.30 (1.12–9.77); <i>p</i> = 0.031	3.66 (-1.74–9.06); <i>p</i> = 0.184
<b>Alcohol consumption for ≥ 5 years</b>	5/17	0.49 (0.15–1.59); <i>p</i> = 0.235	14/6	5.72 (1.70–19.2); <i>p</i> = 0.005	15.9 (2.71–93.4); <i>p</i> = 0.002	4.47 (0.25–78.3); <i>p</i> = 0.305
<i>Age-adjusted OR for alcohol consumption within the strata of HPV load</i>		0.63 (0.18–2.20); <i>p</i> = 0.466	2.80 (0.66–11.9); <i>p</i> = 0.163			
<b>Alcohol consumption of &lt; 15g alcohol/day</b>	13/26	1 (ref.)	18/12	2.40 (0.31–3.96); <i>p</i> = 0.061	3.23 (1.15–9.09); <i>p</i> = 0.026	0.84 (-3.32–4.50); <i>p</i> = 0.692
<b>Alcohol consumption of ≥ 15g alcohol/day</b>	5/7	1.10 (0.31–3.96); <i>p</i> = 0.883	10/6	3.34 (1.03–10.7); <i>p</i> = 0.044	6.68 (0.83–53.9); <i>p</i> = 0.075	1.56 (0.18–13.7); <i>p</i> = 0.687
<i>Age-adjusted OR for alcohol consumption within the strata of HPV load</i>		1.45 (0.38–5.63); <i>p</i> = 0.589	1.94 (0.45–8.32); <i>p</i> = 0.373			

† N w/wo persistence, the number of subjects with/without persistence; OR, odd ratio

<sup>1)</sup> HPV load was classified as low (< 100 relative light units [RLU]/positive control [PC]) or high (≥ 100 RLU/PC).

<sup>2)</sup> Logistic regression analysis was performed after adjustment for age as a continuous variable. Risk estimates were calculated with no alcohol consumption, alcohol consumption for < 5 years, or alcohol consumption of < 15 g/day and a low HPV load combination as reference categories.

<sup>3)</sup> and <sup>4)</sup> The relative excess risk due to interaction (RERI) and synergy index (S) were calculated as described by Rothman et al. RERI > 0 and S > 1.0 indicate a synergistic effect between HR-HPV load and alcohol consumption behaviors.

doi:10.1371/journal.pone.0124991.t001

## Reference

1. Oh HY, Seo S-S, Kim MK, Lee DO, Chung YK, Lim MC, et al. (2014) Synergistic Effect of Viral Load and Alcohol Consumption on the Risk of Persistent High-Risk Human Papillomavirus Infection. PLoS ONE 9(8): e104374. doi:10.1371/journal.pone.0104374 PMID: 25140695