

GRAPHICAL ABSTRACT SAMPLE WORK

Human papillomavirus infection and cardiovascular
mortality: a cohort study



163 250 Korean women who were tested for high-risk human papillomavirus (HR-HPV) infection



Follow for up to

17 years



Identifying cardiovascular disease mortality through national death records



Atherosclerotic CVD mortality rate

1.9

per 10⁵ person-years

HR 3.91

(95% CI 1.85–8.26)



Ischaemic heart disease mortality rate

1.4

per 10⁵ person-years

HR 3.74

(95% CI 1.53–9.14)



Stroke mortality rate

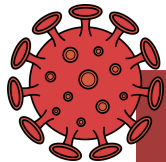
0.3

per 10⁵ person-years

HR 5.86

(95% CI 0.86–40.11)

Women **without** HR-HPV infection



Women **with** HR-HPV infection

7.1

per 10⁵ person-years

5.0

per 10⁵ person-years

1.4

per 10⁵ person-years

Obese women: BMI ≥ 25 kg/m²

HR-HPV (+): 24.5 per 10⁵ person-years

HR-HPV (-): 4.2 per 10⁵ person-years

HR 4.81 (95% CI 1.55–14.93)

Atherosclerotic CVD mortality rate in women **with** vs **without** HR-HPV infection

Non-obese women: BMI < 25 kg/m²

HR-HPV (+): 4.1 per 10⁵ person-years

HR-HPV (-): 1.5 per 10⁵ person-years

HR 2.86 (95% CI 1.04–7.88)

