

# Cervical cancer, CIN3 in young women plummeted after HPV vaccination

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(HealthDay)—Following introduction of human papillomavirus (HPV)

vaccination in England, there was a substantial reduction in cervical cancer and the incidence of grade 3 cervical intraepithelial neoplasia (CIN3), according to a study published online Nov. 3 in *The Lancet*.

Milena Falcaro, Ph.D., from King's College London, and colleagues used an extension of the age-period-cohort Poisson model to estimate the relative risk for [cervical cancer](#) in three vaccinated cohorts compared with earlier cohorts that were not eligible for vaccination. Data were assessed for diagnoses of cervical cancer and CIN3 in women aged 20 to 64 years from Jan. 1, 2006, to June 30, 2019 living in England.

Data were included for 13.7 million-years of follow-up of women aged 20 to

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