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Description:

- References and full-text articles to, among other things, **guidelines, systematic reviews, HTA reports.**
- Free
- **NOTE: content is not controlled.**

Question

Does **HPV vaccination** have adverse effects on **pregnant women**?

**Search element
/ PICO**

Population (P): Pregnant women

Intervention (I): HPV
vaccination

Study Design (S): Systematic Review

Search

- Click on the three lines in the top left corner and select Advanced search.
- Combine synonyms within the same search element with OR, and put parentheses around them.
- Different search elements are automatically combined with AND at spaces.
- Put phrases in quotation marks ("human papillomavirus").
- Searches for terms anywhere in the text. Type allintitle: in front of the search terms to search only in titles (remember the lowercase a).
- You can also omit the search element for study design (S), and narrow the search results to Review articles on the left side.
- Consider limiting to relevant publication years.

Search(P) AND (I) AND (I) AND (S):

(pregnant OR pregnancy OR gestation) (hvp OR "human papillomavirus") (vaccine OR vaccines OR vaccination) ("systematic review")

**A possible
answer**

Zhang, J., Lian, Z., Xue, X., Li, J., Zhu, Y., Huang, N. & Xie, W. (2024). Does HPV vaccination during periconceptional or gestational period increase the risk of adverse pregnancy outcomes?-An updated systematic review and meta-analysis based on timing of vaccination. *Acta Obstetrica Et Gynecologica Scandinavica*, 103(10), 1943–1954. <https://doi.org/10.1111/aogs.14881>