

Influenza Vaccine Effectiveness in Preventing Influenza-Associated Hospitalizations during Pregnancy: A Multi-Country Retrospective Test Negative Design Study, 2010-2016.

Thursday, October 11, 2018

<https://www.cdc.gov/media/index.html>

Clinical Infectious Diseases:

Web link: <https://academic.oup.com/cid/article-lookup/doi/10.1093/cid/ciy737>

Title: Influenza Vaccine Effectiveness in Preventing Influenza-Associated Hospitalizations during Pregnancy: A Multi-Country Retrospective Test Negative Design Study, 2010-2016.

Summary:

A multi-country, CDC-coauthored study will publish in Clinical Infectious Diseases on October 11. The study shows that over the course of six flu seasons, **getting a flu shot reduced a pregnant woman's risk of being hospitalized from flu by an average of 40 percent.** While previous studies have shown that a flu shot can reduce a pregnant woman's risk of flu illness, this is the first study to show vaccination protected against hospitalization.

Sample Social Media:

- New @ISDAInfo study finds getting a #flu shot during pregnant reduced the risk of flu-associated hospitalization for pregnant women by 40%. Learn more: <https://academic.oup.com/cid/article-lookup/doi/10.1093/cid/ciy737>
- Pregnant? Protect yourself and your baby this flu season by getting your annual flu shot. New CDC-coauthored research documents that pregnant women who got a #flu shot were 40% less likely to be hospitalized with flu! Read more: [link to PR]
- Clinicians: Encourage your pregnant patients to get a flu shot as part of their healthy pregnancy! A recent CDC-coauthored study is the first to document that pregnant women who had gotten a flu shot were 40% less likely to be hospitalized with flu. Learn more:

Key Messages :

- CDC recommends pregnant women get a flu shot because they are at high risk of developing serious flu illness, including illness resulting in hospitalization.
- New CDC-coauthored research documented that getting a flu shot reduced pregnant women's risk of hospitalization with flu by 40% and is equally protective during all 3 trimesters and delivery.
- This multi-country study included data from 2 million pregnant women, and found that more than 80 percent of pregnancies overlapped with flu season, underscoring the likelihood that pregnant women will be exposed to flu at some point during their pregnancy.
- [Other studies](#) have shown that in addition to helping to protect the pregnant woman, a flu shot given during pregnancy helps protect the baby from flu infection for several months after birth, before he or she is old enough to be vaccinated themselves.
- [Flu shots have a good safety record.](#) Millions of flu vaccines have been given for decades, including to pregnant women, with a good safety record. Observational and prospective studies in pregnant women support the safety of influenza vaccine during pregnancy.