

**STUDIES FROM MEDLINE ON VACCINES IN PREGNANCY**  
 If a username / password is requested, use "**private / papers**"  
 Last Update: July 10, 2020

AUTHOR	STUDY NAME	SUBJECT	AUTOIMMUNITY:	DEATH	GUT UTI	BRAIN:	COMMENTS
AAP 2016	<a href="#">Countering vaccine hesitancy</a>	For Doctors					Advice for doctor how to convince parents to vaccinate.
ATKINS 2016	<a href="#">Cost-effectiveness of pertussis vaccination during pregnancy in the US</a>	Vaccines in Pregnancy					The pertussis vaccine is cost-effective when given to the mother only (#2)
AYOUB 2006	<a href="#">Influenza vaccination during pregnancy: A critical assessment of the recommendations of the Advisory Committee on Immunization Practices (ACIP)</a>	Vaccines in Pregnancy		✓			Even topical Thimerosal can cause abortions. Flu shots (with mercury) in pregnancy is "ill-advised and unsupported by current scientific literature, and it should be withdrawn." Most flu inserts SAY this shot should not be given to pregnant women.
DONZELLI 2017	<a href="#">Influenza vaccination in the first trimester of pregnancy &amp; risk of autism spectrum disorder</a>	FLU Vaccine in Pregnancy				✓ Autism	LETTER to ED: re ZERBO 2017b. Says Zerbo used inappropriate stats but still got borderline significance for flu shot & autism. Vaccinating in first trimester will lead to 4 additional cases autism per 1000 women.
DONZELLI 2018	<a href="#">Influenza vaccinations for all pregnant women? Better evidence is needed</a>	FLU Vaccine in Pregnancy					Cochrane review says flu shot provides "uncertain or very limited protection" ... should be offered but tell women of the uncertainties,
DONZELLI 2019	<a href="#">Influenza vaccination in pregnancy: Careful assessment confirms safety concerns for the offspring</a>	FLU Vaccine in Pregnancy		✓		✓	Evidence does not support flu vaccine in pregnancy. Offspring have excess death & serious infections. Several authors of the reviewed studies have financial ties to vaccine producers. Parents should be given this info to make an informed choice.

**STUDIES FROM MEDLINE ON VACCINES IN PREGNANCY**  
 If a username / password is requested, use "**private / papers**"  
 Last Update: July 10, 2020

AUTHOR	STUDY NAME	SUBJECT	AUTOIMMUNITY:	DEATH	GUT UTI	BRAIN:	COMMENTS
DONZELLI 2019a	<a href="#">Influenza vaccination for all pregnant women? So far the less biased evidence does not favour it</a>	FLU Vaccine in Pregnancy		✓			A Cochrane review shows local adverse effects and serious adverse effects with limited protection against flu. Other studies in Africa & Asia show <u>more offspring deaths</u> in vaxxed group. The shot can be offered in trimester 2 or 3 (only), but with warnings & promotion of other protective behaviors.
GEIER 2007	<a href="#">A prospective study of thimerosal-containing Rho(D)-immune globulin administration as a risk factor for autistic disorders</a>	Vaccines in Pregnancy  Comparing Groups				✓ Autism	Children with ASD more likely than controls to have Rh-neg mothers. Each received Rho(D) with Hg during pregnancy.
GEIER 2008	<a href="#">Neurodevelopmental disorders, maternal Rh-negativity, and Rho(D) immune globulins: a multi-center assessment</a>	Vaccines in Pregnancy  Comparing Groups				✓ Dev delays	This study associates Rho(D) w/mercury and some neurodevelopmental disorders After they took mercury out, it was the same as controls. (Note: Geier has been a witness in vaccine damage cases)
HEIKKINEN 2012	<a href="#">Safety of MF59-adjuvanted A/H1N1 influenza vaccine in pregnancy: a comparative cohort study</a>	SAFETY TESTING Vaccines in Pregnancy Comparing Groups					No risk observed in 2295 vaccinated vs 2213 unvaccinated pregnant women. Protection against premature birth reported. (#33)
HOOVER 2017	<a href="#">Influenza vaccination in the first trimester of pregnancy &amp; risk of autism spectrum disorder</a>	FLU Vaccine in Pregnancy				✓ Autism	LETTER to ED: re ZERBA 2017b. Says Bonferroni adjustment was not appropriate. Significance of flu shot in first trimester should stand and not be changed to "chance." Besides, that is the trimester most suspected.

**STUDIES FROM MEDLINE ON VACCINES IN PREGNANCY**  
 If a username / password is requested, use "**private / papers**"  
 Last Update: July 10, 2020

AUTHOR	STUDY NAME	SUBJECT	AUTOIMMUNITY:	DEATH	GUT UTI	BRAIN:	COMMENTS
HUTCHEON 2016	<a href="#">Detectable risks in studies of the fetal benefits of maternal influenza vaccination</a>	Vaccines in Pregnancy					The "large fetal benefits" from flu vaccine seen in epidemiology studies are not likely to be real.
HUTCHEON 2016a	<a href="#">Hutcheon et al respond to "Maternal influenza immunization and birth outcomes"</a>	Vaccines in Pregnancy					Response to PHADKE 2016
KOCHHAR 2019	<a href="#">Immunization in pregnancy safety surveillance in low and middle-income countries - field performance &amp; validation of novel case definitions</a>	SAFETY TESTING  Vaccines in Pregnancy					Only 3 adverse events were considered: preterm birth, stillbirth, and hypertension.  I asked how results were compared. No answer. FUNDING: GCRF Networks in Vaccine Research & Dev.
LIMA 2019	<a href="#">Acquisition of specific antibodies &amp; their influence on cell-mediated immune response in neonatal cord blood after maternal pertussis vaccination during pregnancy</a>	Vaccines in Pregnancy					control group (no vaccine) had higher placental transfer ratios of IgG. Newborns had higher immunity than mothers. Vaccinated group had lower IgA in colostrum. (#47)
LOUBET 2019	<a href="#">Influenza vaccination of pregnant women in Paris, France: Knowledge, attitudes and practices among midwives</a>	Vaccines in Pregnancy					Midwives are supposed to prescribe vaccines, but only 10% of them do. That is, 10% of the 31% of midwives who actually filled out the questionnaire. Author recommends "adjusting education strategies" for midwives.
O'LEARY 2019	<a href="#">Obstetrician-gynecologists' strategies to address vaccine refusal among pregnant women</a>	Vaccines in Pregnancy					The best strategy to make pregnant women get the vaccine is to tell them that not doing it puts the baby at risk. Also suggested: "standing orders" -- just do it without discussion.  Note: Funded by CDC

**STUDIES FROM MEDLINE ON VACCINES IN PREGNANCY**  
 If a username / password is requested, use "**private / papers**"  
 Last Update: July 10, 2020

AUTHOR	STUDY NAME	SUBJECT	AUTOIMMUNITY:	DEATH	GUT UTI	BRAIN:	COMMENTS
PHADKE 2016	<a href="#">Maternal influenza immunization &amp; adverse birth outcomes: using data &amp; practice to inform theory &amp; research design.</a>	Vaccines in Pregnancy					NIH funding. Criticizes HUTCHEON 2016 who said flu shots are of little help in pregnancy. Lists studies showing flu shots protect the baby. SEE HUTCHEON 2016a
PHADKE 2017	<a href="#">Maternal vaccination for the prevention of influenza: current status and hopes for the future</a>	Vaccines in Pregnancy					In some countries pregnant women more at risk for flu death, but in others at less risk than non-pregnant women. Better obstetrical care mentioned.
SAVITZ 2015	<a href="#">Does influenza vaccination improve pregnancy outcome? Methodological issues &amp; research needs</a>	Vaccines in Pregnancy					"the impact would be substantially greater if reported vaccine effects on improved pregnancy outcomes were accurate."
ZERBO 2013	<a href="#">Is maternal influenza or fever during pregnancy associated with autism or developmental delays? Results from the CHARGE (Childhood Autism Risks from Genetics &amp; Environment) study</a>	FLU VACCINE in Pregnancy				✓ Autism	Autism & dev. delay were associated with maternal fever, but not if she took anti-fever meds. Less flu vaccine reported in mothers of children with autism but timing of shot is unknown. Need more research.
ZERBO 2016	<a href="#">Kaiser Permanente Northern California pregnancy database: description and proof of concept study</a>	Vaccines in Pregnancy					Pregnancies with live & full term births were included. They expect to use this database to monitor vaccine safety.  <b>Note: any abortions or preterm births related to vaccines in pregnancy will be missed.</b>
ZERBO 2017a	<a href="#">No association between influenza vaccination during pregnancy &amp; adverse birth outcomes</a>	FLU Vaccine in Pregnancy					The flu vaccine given in pregnancy is not related to birth problems of weight, breathing, NICU, etc. Discussed "immortal time bias."

**STUDIES FROM MEDLINE ON VACCINES IN PREGNANCY**  
 If a username / password is requested, use "private / papers"  
 Last Update: July 10, 2020

AUTHOR	STUDY NAME	SUBJECT	AUTOIMMUNITY:	DEATH	GUT UTI	BRAIN:	COMMENTS
ZERBO 2017b	<a href="#">Association between influenza infection &amp; vaccination during pregnancy &amp; risk of autism spectrum disorder</a>	FLU Vaccine in Pregnancy				✓ Autism	Fever in pregnancy is related to autism. Flu shot in first trimester is associated with increased autism, but due to chance. See DONZELLI 2017, HOOKER 2017
ZERBO 2017	<a href="#">reply to Letters to the Editor (HOOKER 2017 &amp; DONZELLI 2017) re the above paper</a>	FLU Vaccine in Pregnancy					He agreed the trimesters of pregnancy are not independent, but defended his stats & said there is not enough evidence of risk to change vaccine guidelines.

NOTES:

- [2] Atkins 2016: Dapt shot for EVERY pregnancy can result in tetanus shots too close together for moms who choose 2 years between babies.
  
- [33] Heikkinen 2012: The women were already vaccinated before entering study. But half of them did not enroll until after delivery. This could have biased toward natural deliveries since those with problems related to the shots may not have been very interested in enrolling in such a study. The babies were only followed for 3 months.
  
- [47] Lima 2019: Table 1. Case (Tdap vaccine) group: 60.6% delivered by C-section. Control group: 6.9% delivered by C-section  
 The vaccine group was recruited during routine prenatal visits. Those with any problems or immunological problems were excluded;  
 Thus, those who had any vaccine-related problem were excluded.

Pregnant women vaccinated earlier had higher IgG placental transfer ratios than those vaccinated later.  
 A lot of complex data here (confusing to ordinary people).

This is the first attempt to describe results of the Tdap in pregnancy although they have promoted it since 2014.  
 There was very little discussion of the control (unvaxxed) group, but in Fig. 4 they appear to be better than the case group if I understand correctly (but I could be wrong here).