How to help protect your patients' babies from pertussis

How does pertussis affect infants?

In 2018, there were >169,000 cases

of pertussis globally1*

*Approximate cases by region: Africa, 14,000; Americas, 24,000; South-East Asia, 17,500; Europe, 57,000; Eastern Mediterranean, 3,500; Western Pacific, 53,000



One in three infants aged

<12 months with pertussis require hospitalization;2 of which, unfortunately ~1 in 100 will die2 Infants aged

<2 months

are at the highest risk of severe complications and are too young to be vaccinated^{2,3}



How can we protect infants from pertussis infection by using Tdap vaccination in pregnancy?

Tdap vaccination during pregnancy focuses on preventing pertussis infection/complications in the infant during the time of highest risk, the first few months of life.3 This benefit continues through the infant's first year5

What are the wider benefits to vaccinating pregnant individuals against pertussis?



• In 2012–17, the UK Tdap vaccination in pregnancy program was estimated to prevent:7

~1,400–4,300

infant hospitalizations

~82-170

infant deaths

Tdap vaccination during pregnancy is recommended by WHO,8 the CDC (US), PHE (UK), PHAC (Canada), ATAGI (Australia), 2 and HAS (France), 3 among others







When should you vaccinate your patients to ensure optimal protection?



During the third trimester to maximize neonatal antibody acquisition14-16 (and ideally, at least 2 weeks before delivery16)

Are there any safety concerns for Tdap vaccination during pregnancy?



Tdap vaccination is **well tolerated** by the: pregnant individual, with similar safety profiles in vaccinated and unvaccinated pregnancies¹⁷ and neonate, where no specific safety concerns were raised17

What data are available to show how effective Tdap vaccination is at preventing disease?

A review of studies in infants aged 0-3 months found that vaccine effectiveness is high and protected against:3

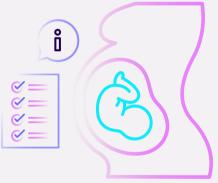
Pertussis-associated hospitalizations: 91–94%

Death due to **pertussis**:

How can I help to protect my pregnant patients and their babies from pertussis?



- Recommend Tdap vaccination for your patients during prenatal care visits, (this is critical for facilitating vaccination in pregnancy)
- Address any queries and concerns to facilitate informed choices for the patient
- Explain the benefits of Tdap vaccination for maternal and neonatal health





Please speak to a medical representative at the booth to talk about pertussis and Tdap vaccination in pregnancy

Abbreviations

ATAGI, Australian Technical Advisory Group on Immunization; CDC, Centers for Disease Control and Prevention; HAS, Haute Autorité de Santé; PHE, Public Health England; Tdap, tetanus, diphtheria, and pertussis; PHAC, Public Health Agency of Canada; WHO, World Health Organization.

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