

Guidance for immunisation against pertussis in the absence of single antigen pertussis vaccine (assuming no contraindication – see Green Book)

Age group	Scenario		Advice
	DT immunisation history (DTaP, DTwP or DT)	P immunisation history (DTaP, DTwP or aP)	
Infants and children to 3.5 years	3 of 3 doses of DT primary course	No immunisation against pertussis	<ul style="list-style-type: none"> DTwP# at around 1st birthday or at least 6 months after the third dose of DT DTaP as a pre-school booster, at least 1 year after the 3rd dose of DT
	3 of 3 doses of DT primary course	One dose of pertussis vaccine	
	3 of 3 doses of DT primary course	2 doses of a pertussis vaccine	
	2 of 3 doses of DT primary course	No immunisation against pertussis	<ul style="list-style-type: none"> DTwP# ≥ one month after previous dose of DT. And DTwP# at around 1st birthday or at least 6 months after the previous dose of DTP DTaP as a pre-school booster, at least 1 year after the 3rd dose of DT
	2 of 3 doses of DT primary course	One dose of pertussis vaccine	<ul style="list-style-type: none"> DTwP# ≥ one month after previous dose of DT/P And DTwP# at around 1st birthday or at least 6 months after the previous dose of DTP DTaP as a pre-school booster, at least 1 year after the 3rd dose of DT
	1 of 3 doses of DT primary course	No immunisation against pertussis	<ul style="list-style-type: none"> 2 doses of DTwP# one month apart and ≥ one month after last dose of DT And DTwP# at around 1st birthday or at least 6 months after the previous dose of DTP DTaP as a pre-school booster, at least 1 year after the 3rd dose of DT
Children 3.5-7 years	Child has had no primary doses of DT or P.		<ul style="list-style-type: none"> Give 3 doses of DTaP one month apart and a 4th dose of DTaP as a pre-school booster at least 1 year after the 3rd dose of DTP
	Child has not completed DT or P primary courses and presents for pre-school booster		<ul style="list-style-type: none"> Give DTaP as a pre-school booster and one further dose of DTaP, one year later, to complete 4 doses of P where possible and five doses of DT
	Child has completed DT primary course (3 doses) and presents for pre-school booster with no or incomplete pertussis immunisation.		<ul style="list-style-type: none"> Give DTaP as a pre-school booster and one further dose of DTaP, one year later, to complete 4 doses of P where possible and five doses of DT
Children > 7 years*	Child presents with no or incomplete pertussis immunisation		<ul style="list-style-type: none"> There is currently no pertussis containing vaccine licensed for immunisation of this group. Immunisation with DT or Td should be completed according to the age of the child.

#DTaP should be used as appropriate when a severe reaction to DTwP has occurred (see Green Book).

*Infanrix is licensed for use in children up to and including 6 years of age

Note: This is general guidance, in special circumstances further advice should be sought.

After two doses of pertussis vaccine a child is likely to be protected against serious disease. No more than 5 doses of DT/DTP should be given.