



Guidance on the use of Pentacel® and Pediarix®

Minimum ages and intervals are always determined by the oldest minimum age or longest minimum interval for the individual components

Pentacel® (DTaP-Hib-IPV) minimum ages and intervals	
Minimum age for any dose	6 weeks
Minimum interval between doses 1 and 2	4 weeks
Minimum age for dose 2	10 weeks
Minimum interval between doses 2 and 3	4 weeks
Minimum age for dose 3	14 weeks
Minimum interval between doses 3 and 4	6 months (determined by DTaP component)
Minimum age for dose 4	12 months (determined by DTaP and Hib components)
Maximum age for any dose	59 months (do not administer to anyone 5 years or older)

Sample Pentacel® Schedule (during Hib shortage)					
Birth	2 months	4 months	6 months	12-18 months	4-6 years
Hep B	Hep B		Hep B		
				DTaP	DTaP
					IPV
	Pentacel®	Pentacel®	Pentacel®		

Pediarix® (DTaP-HBV-IPV) minimum ages and intervals	
Minimum age for any dose	6 weeks
Minimum interval between doses 1 and 2	4 weeks
Minimum age for dose 2	10 weeks
Minimum interval between doses 2 and 3	4 weeks
Minimum age for dose 3	24 weeks (determined by Hepatitis B component)

Sample Pediarix® Schedule (during Hib shortage)					
Birth	2 months	4 months	6 months	12-18 months	4-6 years
Hep B					
	Hib	Hib	Hib*		
				DTaP	DTaP
					IPV
	Pediarix®	Pediarix®	Pediarix®		

*This dose only needed if using ActHib®

Examples of Schedules when using both Pentacel® (DTaP-Hib-IPV) and Pediarix® (DTaP-HBV-IPV) during the Hib shortage

Pediarix® for first dose, Pentacel® for subsequent doses					
Birth	2 months	4 months	6 months	15-18 months	4-6 years
Hep B			Hep B		
	Hib				
				DTaP	DTaP
					IPV
	Pediarix®				
		Pentacel®	Pentacel®		

Pediarix® for first two doses, Pentacel® for last dose in primary series					
Birth	2 months	4 months	6 months	15-18 months	4-6 years
Hep B			Hep B		
	Hib	Hib			
				DTaP	DTaP
					IPV
	Pediarix®	Pediarix®			
			Pentacel®		

Pentacel® for first dose, Pediarix® for last two doses in primary series					
Birth	2 months	4 months	6 months	15-18 months	4-6 years
Hep B	Hep B				
		Hib	Hib*		
				DTaP	DTaP
					IPV
		Pediarix®	Pediarix®		
	Pentacel®				

Pentacel® for first two doses, Pediarix® for last dose in primary series					
Birth	2 months	4 months	6 months	15-18 months	4-6 years
Hep B	Hep B				
			Hib*		
				DTaP	DTaP
					IPV
			Pediarix®		
	Pentacel®	Pentacel®			

Either Pentacel® or single antigen Hib vaccine may be used at 12 – 15 months of age for children who are at increased risk of Hib disease or who have not completed the primary Hib schedule. PedvaxHib® is preferred for American Indian children being vaccinated at IHS facilities. If Pentacel is administered at 12 – 15 months of age, a dose of single antigen DTaP at 15 – 18 months of age is not needed. When supplies are sufficient, an additional dose of Hib vaccine (single antigen or as part of a combination vaccine) is recommended for healthy children at 12 – 15 months of age (at least 2 months after the prior dose). See *MMWR* 2007;56(No.50):1318-1320 for additional details.