

Unvaccinated Patient Guide

2019 Edition



Texas Children's
Hospital®

IMMUNIZATION PROJECT

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Instructions for Use

These tables were designed to serve as a quick reference for providers to use when they encounter a previously unvaccinated child whom they would like to begin on the recommended catch-up schedule for vaccination. These tables were developed using our interpretation of the recommendations found in Table 2 of the CDC’s “Recommended Child and Adolescent Immunization Schedule for ages 18 years or younger, United States 2019,” in addition to the CDC Job Aids with Vaccine Catch-Up Guidance for DTaP, Tdap, Hib, and PCV13. Our interpretation of information from the CDC’s Epidemiology and Prevention of Vaccine-Preventable Disease, 13th Edition, a.k.a. The Pink Book, and guidance from the Immunization Action Coalition’s “Ask the Experts” was used to develop the “Combination Caveats.” Providers should apply their best medical judgment in using these tables. Please refer to the latest CDC recommendations and other reputable sources for additional guidance.

This guide does not include “special conditions” (immunizations based on medical indications).

Please refer to the following links prior to administering vaccines to verify recommendations, minimum ages and minimum intervals:

Catch-up Immunization Schedule:

<http://www.cdc.gov/vaccines/schedules/downloads/child/0-18yrs-child-combined-schedule.pdf>

Minimum Ages and Intervals (Pink Book – Appendix A):

<http://www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/A/age-interval-table.pdf>

Combination Vaccines (Immunization Action Coalition’s Ask the Experts)

http://www.immunize.org/askexperts/experts_combo.asp

CDC Job Aids with Vaccine Catch-Up Guidance

<https://www.cdc.gov/vaccines/schedules/hcp/imz/catchup.html#guidance>

To order additional copies or to download the latest version, please visit:

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Unvaccinated Patient: 7 – 11 months

1st Visit	2nd Visit 4 weeks later	3rd Visit 4 weeks later	Due Next	Due Next	Due Next	Up To Date
DTaP	DTaP	DTaP			DTaP Give Dose 4 at least 6 months after Dose 3	<p>Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.</p>
IPV	IPV	IPV				
Hepatitis B	Hepatitis B		Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1			
Hib	Hib			Hib Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at 12 months of age or older		
PCV13	PCV13			PCV13 Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at 12 months of age or older		
				MMR Give Dose 1 at 12 months of age or older		
				Varicella Give Dose 1 at 12 months of age or older		
				Hepatitis A Give Dose 1 at 12 months of age or older		
Influenza	Influenza					

Combination Caveats:

Pentacel (DTaP-IPV/Hib) may be used for the 3 dose primary series through 4 years of age. It may also be used as a booster dose prior to 4 years of age. Pentacel may be used when the minimum intervals for each component have been met. If Pentacel is used for the booster dose, an extra dose of polio vaccine is allowed. Pediarix (DTaP-IPV-HepB) may be used for the first 3 doses of the DTaP series through 6 years of age. Pediarix may be used when any component is indicated and the minimum interval for each component has been met.

Unvaccinated Patient: 12 – 14 months

1st Visit	2nd Visit 4 weeks later	3rd Visit 4 weeks later	Due Next	Due Next	Due Next	Up to Date
DTaP	DTaP	DTaP			DTaP Give Dose 4 at least 6 months after Dose 3	Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.
IPV	IPV	IPV				
Hepatitis B	Hepatitis B		Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1			
Hib		Hib Give Dose 2 (Final Dose) at least 8 weeks after Dose 1				
PCV13		PCV13 Give Dose 2 (Final Dose) at least 8 weeks after Dose 1				
MMR						
Varicella						
Hepatitis A				Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1		
Influenza	Influenza					

Combination Caveats:

Pentacel (DTaP-IPV/Hib) may be used for the 3 dose primary series through 4 years of age. It may also be used as a booster dose prior to 4 years of age. Pentacel may be used when the minimum intervals for each component have been met. If Pentacel is used for the booster dose, an extra dose of polio vaccine is allowed. Pediarix (DTaP-IPV-HepB) may be used for the first 3 doses of the DTaP series through 6 years of age. Pediarix may be used when any component is indicated and the minimum interval for each component has been met. ProQuad (MMRV) may be used as early as 12 months of age, but is not preferred for use as the first dose prior to 4 years of age if separate MMR and varicella vaccines are available per CDC.

1st Visit	2nd Visit 4 weeks later	3rd Visit 4 weeks later	Due Next	Due Next	Due Next	Up to Date
DTaP	DTaP	DTaP			DTaP Give Dose 4 at least 6 months after Dose 3	<p>Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.</p>
IPV	IPV	IPV				
Hepatitis B	Hepatitis B		Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1			
Hib (Final Dose)						
PCV13		PCV13 Give Dose 2 (Final Dose) at least 8 weeks after Dose 1				
MMR						
Varicella						
Hepatitis A				Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1		
Influenza	Influenza					

Combination Caveats:

Pentacel (DTaP-IPV/Hib) may be used for the 3 dose primary series through 4 years of age. It may also be used as a booster dose prior to 4 years of age. Pentacel may be used when the minimum intervals for each component have been met. If Pentacel is used for the booster dose, an extra dose of polio vaccine is allowed. Pediarix (DTaP-IPV-HepB) may be used for the first 3 doses of the DTaP series through 6 years of age. Pediarix may be used when any component is indicated and the minimum interval for each component has been met. ProQuad (MMRV) may be used as early as 12 months of age, but is not preferred for use as the first dose prior to 4 years of age if separate MMR and varicella vaccines are available per CDC.

Unvaccinated Patient: 2 – 3 years

1st Visit	2nd Visit 4 weeks later	3rd Visit 4 weeks later	Due Next	Due Next	Due Next	Up to Date
DTaP	DTaP	DTaP			DTaP Give Dose 4 at least 6 months after Dose 3	Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.
IPV	IPV	IPV				
Hepatitis B	Hepatitis B		Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1			
Hib (Final Dose)						
PCV13 (Final Dose)						
MMR						
Varicella						
Hepatitis A				Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1		
Influenza	Influenza					

Combination Caveats:

Pentacel (DTaP-IPV/Hib) may be used for the 3 dose primary series through 4 years of age. It may also be used as a booster dose prior to 4 years of age. Pentacel may be used when the minimum intervals for each component have been met. If Pentacel is used for the booster dose, an extra dose of polio vaccine is allowed. Pediarix (DTaP-IPV-HepB) may be used for the first 3 doses of the DTaP series through 6 years of age. Pediarix may be used when any component is indicated and the minimum interval for each component has been met. ProQuad (MMRV) may be used as early as 12 months of age, but is not preferred for use as the first dose prior to 4 years of age if separate MMR and varicella vaccines are available per CDC.

Unvaccinated Patient: 4 years

Ist Visit	2nd Visit 4 weeks later	3rd Visit 4 weeks later	Due Next	Due Next	Due Next	Due Next	Due Next	Up to Date
DTaP	DTaP	DTaP					DTaP Give Dose 4 at least 6 months after Dose 3	Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.
IPV	IPV					IPV Give Dose 3 (Final Dose) at least 6 months after Dose 2		
Hepatitis B	Hepatitis B			Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1				
Hib (Final Dose)								
PCV13 (Final Dose)								
MMR	MMR (Final Dose)							
Varicella			Varicella Give Dose 2 (Final Dose) at least 12 weeks after Dose 1					
Hepatitis A					Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1			
Influenza	Influenza							

Combination Caveats:

Pentacel (DTaP-IPV/Hib) may be used for the 3 dose primary series through 4 years of age. It may also be used as a booster dose prior to 4 years of age. Pentacel may be used when the minimum intervals for each component have been met. If Pentacel is used for the booster dose, an extra dose of polio vaccine is allowed. Pediarix (DTaP-IPV-HepB) may be used for the first 3 doses of the DTaP series through 6 years of age. Pediarix may be used when any component is indicated and the minimum interval for each component has been met. ProQuad (MMRV) is recommended for use in patients through 12 years of age and is preferred for patients 4-12 years of age to reduce the number of injections. When using ProQuad, please remember that the minimum interval between 2 doses of varicella vaccine is 12 weeks for patients younger than 13 years of age. Kinrix (DTaP-IPV) may be used as the 5th dose of DTaP and the 4th dose of polio for children between 4 and 6 years of age. Quadracel (DTaP-IPV) may be used as the 5th dose of DTaP and the 4th or 5th dose of polio for children between 4 and 6 years of age.

Unvaccinated Patient: 5 – 6 years

1st Visit	2nd Visit 4 weeks later	3rd Visit 4 weeks later	Due Next	Due Next	Due Next	Due Next	Due Next	Up to Date
DTaP	DTaP	DTaP					DTaP Give Dose 4 at least 6 months after Dose 3	Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.
IPV	IPV					IPV Give Dose 3 (Final Dose) at least 6 months after Dose 2		
Hepatitis B	Hepatitis B			Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1				
MMR	MMR (Final Dose)							
Varicella			Varicella Give Dose 2 (Final Dose) at least 12 weeks after Dose 1					
Hepatitis A					Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1			
Influenza	Influenza							

Combination Caveats:

Pentacel (DTaP-IPV/Hib) may be used for the 3 dose primary series through 4 years of age. It may also be used as a booster dose prior to 4 years of age. Pentacel may be used when the minimum intervals for each component have been met. If Pentacel is used for the booster dose, an extra dose of polio vaccine is allowed. Pediarix (DTaP-IPV-HepB) may be used for the first 3 doses of the DTaP series through 6 years of age. Pediarix may be used when any component is indicated and the minimum interval for each component has been met. ProQuad (MMRV) is recommended for use in patients through 12 years of age and is preferred for patients 4-12 years of age to reduce the number of injections. When using ProQuad, please remember that the minimum interval between 2 doses of varicella vaccine is 12 weeks for patients younger than 13 years of age. Kinrix (DTaP-IPV) may be used as the 5th dose of DTaP and the 4th dose of polio for children between 4 and 6 years of age. Quadracel (DTaP-IPV) may be used as the 5th dose of DTaP and the 4th or 5th dose of polio for children between 4 and 6 years of age.

Unvaccinated Patient: 7 – 10 years

1st Visit	2nd Visit 4 weeks later	Due Next	Due Next	Due Next	Due Next	Up to Date
Tdap	Td				Td Give Dose 3 at least 6 months after Dose 2	<p>Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.</p>
IPV	IPV				IPV Give Dose 3 (Final Dose) at least 6 months after Dose 2	
Hepatitis B	Hepatitis B		Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1			
MMR	MMR (Final Dose)					
Varicella		Varicella Give Dose 2 (Final Dose) at least 12 weeks after Dose 1				
Hepatitis A				Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1		
Influenza	Influenza Give a 2nd Dose to previously unvaccinated patients under 9 years of age					

Combination Caveats:

ProQuad (MMRV) is recommended for use in patients through 12 years of age and is preferred for patients 4-12 years of age to reduce the number of injections. When using ProQuad, please remember that the minimum interval between 2 doses of varicella vaccine is 12 weeks for patients younger than 13 years of age.

Unvaccinated Patient: 11 – 12 years

1st Visit	2nd Visit 4 weeks later	Due Next	Due Next	Due Next	Due Next	Up To Date
Tdap	Td				Td Give Dose 3 at least 6 months after Dose 2	<p>Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.</p>
IPV	IPV				IPV Give Dose 3 (Final Dose) at least 6 months after Dose 2	
Hepatitis B	Hepatitis B		Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1			
MMR	MMR (Final Dose)					
Varicella		Varicella Give Dose 2 (Final Dose) at least 12 weeks after Dose 1				
Hepatitis A				Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1		
Meningococcal ACWY						
HPV				HPV Give Dose 2 (Final Dose) 6 months after Dose 1		
Influenza						

Combination Caveats:

ProQuad (MMRV) is recommended for use in patients through 12 years of age and is preferred for patients 4-12 years of age to reduce the number of injections. When using ProQuad, please remember that the minimum interval between 2 doses of varicella vaccine is 12 weeks for patients younger than 13 years of age.

Unvaccinated Patient: 13 – 14 years

Ist Visit	2nd Visit 4 weeks later	Due Next	Due Next	Due Next	Up To Date
Tdap	Td			Td Give Dose 3 at least 6 months after Dose 2	Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.
IPV	IPV			IPV Give Dose 3 (Final Dose) at least 6 months after Dose 2	
Hepatitis B	Hepatitis B	Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1			
MMR	MMR (Final Dose)				
Varicella	Varicella (Final Dose)				
Hepatitis A			Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1		
Meningococcal ACWY					
HPV			HPV Give Dose 2 (Final Dose) 6 months after Dose 1		
Influenza					

Combination Caveats:

ProQuad (MMRV) is not recommended for use in children 13 years of age and older. Separate MMR and varicella vaccines should be used for patients 13 years of age and older.

Unvaccinated Patient: 15 years

1st Visit	2nd Visit 4 weeks later	Due Next	Due Next	Due Next	Due Next	Up To Date
Tdap	Td			Td Give Dose 3 at least 6 months after Dose 2		Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.
IPV	IPV			IPV Give Dose 3 (Final Dose) at least 6 months after Dose 2		
Hepatitis B	Hepatitis B	Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1				
MMR	MMR (Final Dose)					
Varicella	Varicella (Final Dose)					
Hepatitis A			Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1			
Meningococcal ACWY					Meningococcal ACWY Give Dose 2 (Final Dose) on or after 16 years of age and at least 8 weeks after Dose 1	
HPV	HPV Give Dose 2 at least 4 weeks after Dose 1		HPV Give Dose 3 (Final Dose) at least 12 weeks after Dose 2 and 5 to 6 months after Dose 1			
				Meningococcal B (MenB) Permissively recommended for patients 16 - 23 years of age. Give 2 doses of Bexsero 4 weeks apart OR 2 doses of Trumenba at least 6 months apart. Bexsero and Trumenba are not interchangeable		
Influenza						

Combination Caveats:

ProQuad (MMRV) is not recommended for use in children 13 years of age and older. Separate MMR and varicella vaccines should be used for patients 13 years of age and older.

Unvaccinated Patient: 16 – 18 years

1st Visit	2nd Visit 4 weeks later	Due Next	Due Next	Due Next	Up To Date
Tdap	Td			Td Give Dose 3 at least 6 months after Dose 2	<p>Return to ACIP's routine Recommended Child & Adolescent Immunization Schedule.</p>
IPV <small>Not routinely recommended for patients 18 years of age and older</small>	IPV			IPV Give Dose 3 (Final Dose) at least 6 months after Dose 2	
Hepatitis B	Hepatitis B	Hepatitis B Give Dose 3 (Final Dose) at least 8 weeks after Dose 2 and at least 16 weeks after Dose 1			
MMR	MMR (Final Dose)				
Varicella	Varicella (Final Dose)				
Hepatitis A			Hepatitis A Give Dose 2 (Final Dose) at least 6 months after Dose 1		
Meningococcal ACWY (Final Dose)					
HPV	HPV Give Dose 2 at least 4 weeks after Dose 1		HPV Give Dose 3 (Final Dose) at least 12 weeks after Dose 2 and 5 to 6 months after Dose 1		
<p>Meningococcal B (MenB) Permissively recommended for patients 16 - 23 years of age. Give 2 doses of Bexsero 4 weeks apart OR 2 doses of Trumenba at least 6 months apart. Bexsero and Trumenba are not interchangeable.</p>					
Influenza					
Combination Caveats:					
ProQuad (MMRV) is not recommended for use in children 13 years of age and older. Separate MMR and varicella vaccines should be used for patients 13 years of age and older.					



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