

### Immunization Schedule Using Combination Vaccines: Pentacel®

	Birth Dose of HBV <sup>1</sup>	2 months	4 months	6 months	12 months	15-18 months	4-6 years	11-12 years	13-18 years
Combination Vaccines		Pentacel® DTaP/IPV-Hib	Pentacel® DTaP/IPV-Hib	Pentacel® DTaP/IPV-Hib	Catch-up	Pentacel® DTaP/IPV-Hib	DTaP/IPV MMRV		
Hepatitis B		Hepatitis B	Catch-up	Hepatitis B	Catch-up	Catch-up	Catch-up	Catch-up	Catch-up
PCV		PCV	PCV	PCV	PCV	Catch-up	Catch-up	High Risk	High Risk
Rotavirus		Rotavirus	Rotavirus	Rotavirus <sup>2</sup>					
MMR					MMR	Catch-up	Catch-up	Catch-up	Catch-up
Varicella					Varicella	Catch-up	Catch-up	Catch-up	Catch-up
Hepatitis A					Hepatitis A	Hepatitis A	Catch-up	Catch-up	Catch-up
Meningococcal ACYW-135		High risk only	High risk only	High risk only	High risk only	High risk only	High risk only	MCV4	MCV4 booster (at age 16)
Meningococcal B								High risk only	Men B (2 doses at age 16)
HPV								HPV (2 dose series) <sup>3</sup>	Catch-up
Tdap								Tdap	Catch-up
Influenza				Influenza- some children may need 2 doses					
COVID-19			COVID-19						

1. If the patient did not receive a birth dose of hepatitis B, an additional dose of hepatitis B vaccine will be necessary.  
 2. If a child received Rotateq® or an unknown brand of rotavirus vaccine for the first or second dose in the series, three doses of rotavirus are needed.  
 3. Those who initiate the HPV vaccine series before their 15<sup>th</sup> birthday and are immunocompetent only need two doses.