

Immunization Schedule Using Combination Vaccines: Pentacel®

	Birth Dose of HBV ²	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	Kinrix® ³ ProQuad® ⁴		
Hepatitis B		Hepatitis B	Catch-up	Hepatitis B	Catch-up	Catch-up	Catch-up	Catch-up	Catch-up
PCV		PCV13	PCV13	PCV13	PCV13	Catch-up	Catch-up	High Risk	High Risk
Rotavirus ¹		Rotavirus	Rotavirus	Rotavirus					
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 (after age 16)
Meningococcal B								High risk only	Men B (2 doses at age 16)
HPV								HPV (2 dose series) ⁵	Catch-up
Tdap								Tdap	Catch-up
Influenza	Influenza- some children may need 2 doses								

1. 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.
2. If the patient did not receive a birth dose of hepatitis B, an additional dose of hepatitis B vaccine will be necessary.
3. Kinrix® is a combination vaccine containing DTaP and Polio (IPV).
4. ProQuad® is a combination vaccine containing MMR and Varicella.
5. Those who initiate the HPV vaccine series before their 15th birthday and are immunocompetent only need two doses.

Contact the North Dakota Immunization Program:
800.472.2180
www.ndhealth.gov/immunize