

A Quick Look at Using the Meningococcal Vaccines.....

Meningococcal Conjugate Vaccine (MCV4)

Meningococcal Polysaccharide Vaccine (MPSV4)

Meningococcal Vaccines	MCV4 (conjugate)	MPSV4 (polysaccharide)
Brand Name	Menactra™	Menomune®
Serotypes included	A, C, Y, W-135 (no serogroup B)	A, C, Y, W-135 (no serogroup B)
Age for Use	11-55 years	2 yrs and older
Schedule	One dose (no revaccination)	One dose (may need revaccination 3-5 yr)
Route of Administration	IM (Intramuscular)	SC (Subcutaneous)

Who Should Get Meningococcal Vaccines?

- Children 11-12 years old at preadolescent visit (6th grade)
- Adolescents entering high school (about age 15 yrs)
- College freshman, living in dormitories
- Any adolescent desiring to reduce their risk of disease
- Persons with a damaged or removed spleen
- Persons with HIV
- Persons with terminal complement component deficiency
- Persons traveling to, or living in, a part of the world where meningococcal disease is common, such as parts of Africa
- Persons who might have been exposed to meningitis during an outbreak (except serogroup B outbreaks--not in the vaccine)
- Military recruits Lab personnel working with these organisms

Vaccine For Children (VFC) Program

- **MCV4** can be administered to Medicaid eligible, uninsured, Native American, and Alaskan Native children 11-18 years of age through the VFC program in private providers' offices.
- Under-insured children 11-18 years of age can receive **MCV4** at their local health department (LHD), federally qualified health center, or at a rural health clinic.
- Contact your LHD for information on recommended age groups and vaccine availability.

Points to Consider

- **MCV4:**
 - Preferred vaccine for persons 11-55 years of age
 - Expected to give better, longer-lasting protection
- **MPSV4:**
 - Should NOT be routinely administered to adolescents
 - Should be used for children 2-10 yrs old and adults over 55 yrs
 - May be used for persons 11-55 yrs if **MCV4** is not available
- **Revaccination:**
 - No current recommendation for revaccination after one dose of **MCV4**
 - For persons who remain at high risk for disease 3-5 years after 1st dose of MPSV4, a single revaccination dose may be given (Use **MCV4**, if available and person is 11-55 yrs)
- Vaccine Information Statement (VIS) "Meningococcal Vaccines"
 - Same VIS used for **MCV4** and MPSV4

Administration Tips/ Storage and Handling

- **MCV4:**
 - Given intramuscular—**IM** only
 - Causes a local reaction like Td- give Td and **MCV4** in different sites
 - Comes in a single dose vial, ready to draw into a syringe
- **MPSV4:**
 - Given subcutaneous—SC only
 - Must be reconstituted- use the diluent provided by the manufacturer
 - Administer all of the reconstituted vaccine
- **MCV4** or MPSV4 can be given simultaneously with other vaccines
- **MCV4** and MPSV4 are stored in refrigerator at 35°-46° F (2°-8° C)

Documentation

- Document by type of vaccine (**MCV4** or MPSV4) on the:
 - Vaccine administration record in the patient's chart
 - Green (child) or yellow (adult) vaccine record card
- Document in MCIR:
 - **MCV4** as "meningococcal conjugate" (CPT 90734)
 - MPSV4 as "meningococcal polysaccharide" (CPT 90733)