



Public Health Department
Communicable Disease Section

Immunization Update

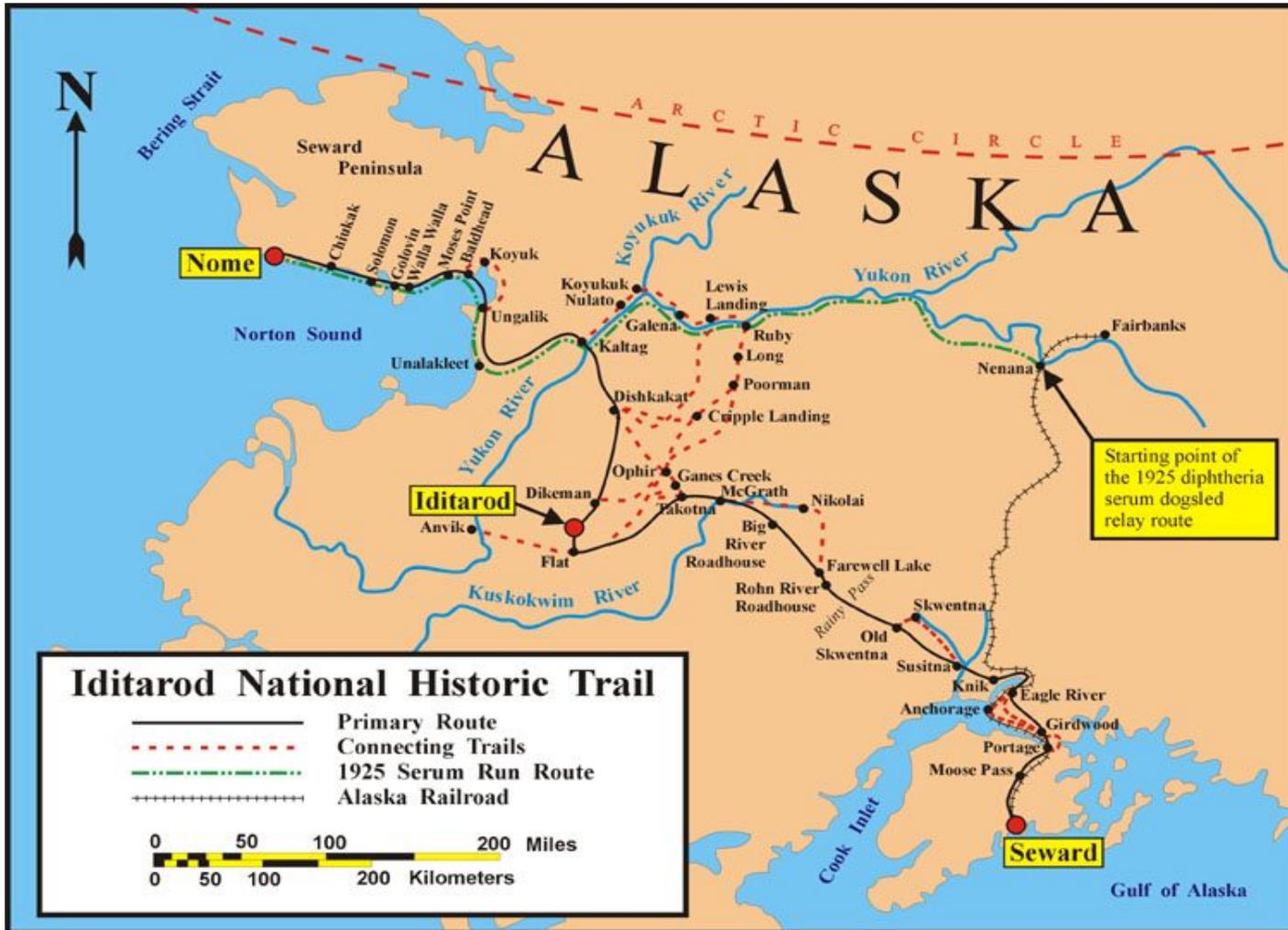
Susan Strong, NP
April 13, 2016
April 14, 2016

Iditarod

“Great Race of Mercy”



Iditarod Race 1925



Meningococcal Vaccines

Trade name	Type of Vaccine	Meningococcal Serogroups Covered
Bexsero®	Recombinant	B
Menactra®	Conjugate	A, C, W, Y
MenHibrix®	Conjugate	C, Y (and <i>Haemophilus influenzae</i> type b [Hib])
Menomune®	Polysaccharide	A, C, W, Y
Menveo®	Conjugate	A, C, W, Y
Trumenba®	Recombinant	B

- CDC recommends that 16 through 23 years olds **may** get a serogroup B meningococcal vaccine.
- Health plans are required to cover new vaccine recommendations in the next plan year

- Bexero IM 2 doses 1 month apart

OR

- Trumenba IM at 0, 2 and 6 months

- **US Government Rolls Out Mandatory Adult Vaccination and Tracking Program**
- **April 01, 2015**

Goal 1 **Infrastructure**

Strengthen the adult immunization infrastructure

Goal 2 **Access**

Improve access to adult vaccines

Goal 3 **Demand**

Increase community demand for adult immunizations

Goal 4 **Innovate**

Foster innovation in development of adult vaccination

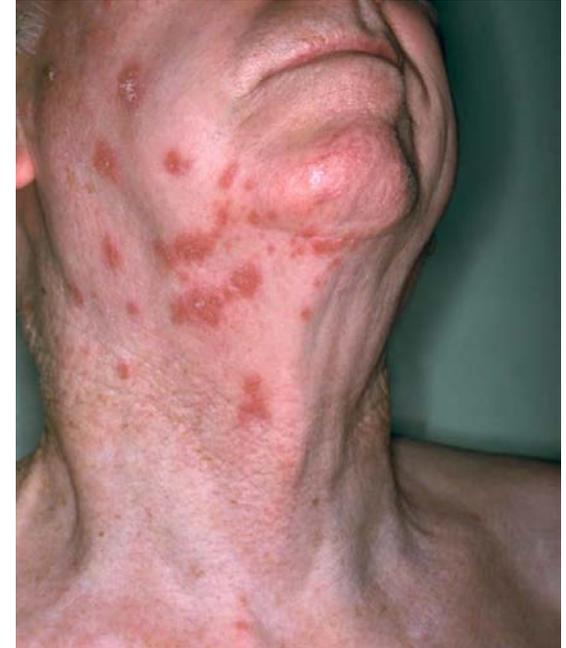
- Adult IZ coverage remains below *Healthy People 2020* targets.
- October 2014, Advisory Committee on Immunization Practices (ACIP) approved adult immunization schedule.
- Adult vaccinations (except influenza) are recommended for specific populations based on age, health conditions, behavioral risk factors, occupation, and travel.

- ❖ Annually, thousands of adults in the US are hospitalized, and even die from vaccine preventable diseases.
- ❖ Reduce the chance of spreading disease, especially to those in your community who are vulnerable to infectious disease, like infants, older adults, and people with weakened immune systems.



Shingles (Zoster)

- Results from a reactivation of latent varicella zoster virus (VZV)
 - Primary infection results in varicella (chickenpox)
 - Secondary infection results in shingles
- Estimated 500,000 - 1 million cases of shingles occur yearly in the U.S.
- 50% of people that live to age 85 years will develop shingles.



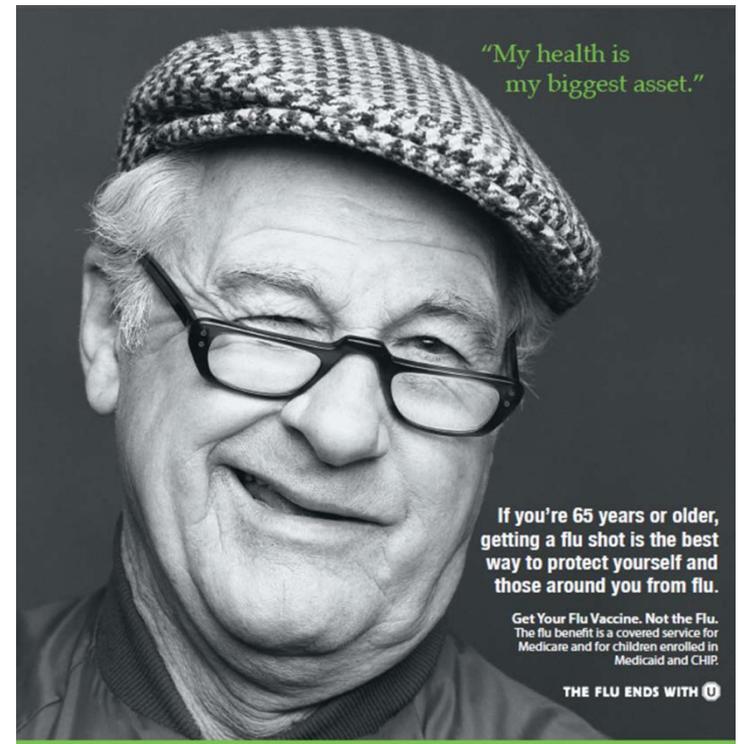
- o Single dose of zoster vaccine for adults age 60 years and older
- o Whether or not they report a prior episode of shingles
- o Vaccine: **Zostavax**, FDA approved 2006.



- A contagious respiratory illness caused by influenza viruses that infect the nose, throat, and lungs.
- Causes millions of illnesses, hundreds of thousands of hospitalizations and thousands of deaths every season.
- People 65 years and older are at greater risk of serious complications from the flu compared with young.

This season's vaccines have been updated to better match circulating viruses.

- Trivalent: protects against 3 strains
 - H1N1
 - H3N2
 - B/Phuket
- Quadivalent: protects against 4 strains
 - Additional strain - B/Brisbane



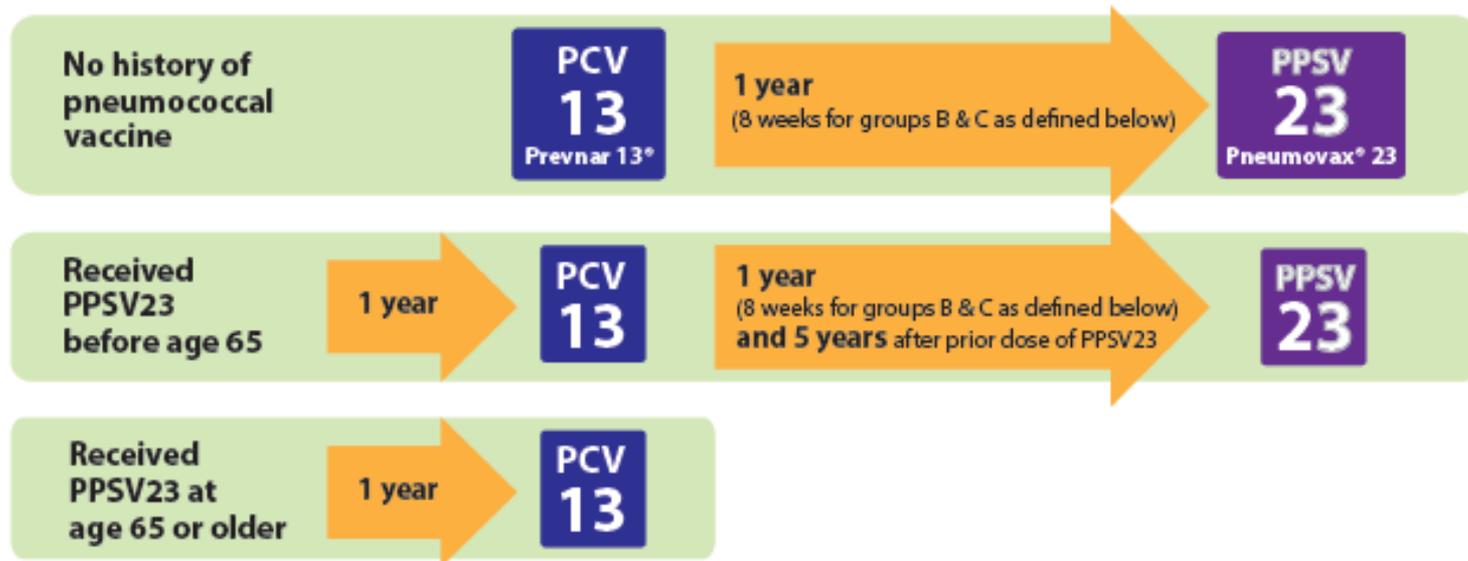
- Pneumococcus can cause many types of illnesses, including ear infections and meningitis.
 - Vaccines: **PCV13** is recommended for all adults 65 years or older, and younger adults with certain risk factors.
 - **PPSV23** is recommended for all adults 65 years or older and younger adults who are at high risk of pneumococcal disease.

Pneumococcal Vaccine Timing–For Adults

DO NOT administer PCV13 and PPSV23 at the same visit.

Age 65 Years or Older

- If PCV13 was given before age 65 years, no additional PCV13 is needed.



Age 19-64 Years With Underlying Condition(s)

- Prior doses count towards doses recommended below and do not need to be repeated.
- If PPSV23 given previously – wait one year before giving PCV13
 - for group B, wait at least five years before giving a second dose of PPSV23.
- No more than two doses of PPSV23 recommended before 65th birthday and one dose thereafter.

A. Smoker, Long-term facility resident, or Chronic conditions:

- heart disease (excluding hypertension)
- lung disease (including asthma)
- liver disease (including cirrhosis)
- diabetes
- alcoholism

PPSV
23

B. Immunocompromised (including HIV infection), Chronic renal failure, Nephrotic syndrome, or Asplenia

PCV
13

8 weeks

PPSV
23

5 years

PPSV
23

C. CSF leaks or Cochlear implants

PCV
13

8 weeks

PPSV
23



- Shingles, PCV13 and PPSV23 vaccines.
- Eligibility Requirements do apply.
- Appointment line: 1-800-722-4777



Eligibility Requirements:

- Uninsured adults who are 60-64 years who do not have insurance (pre-Medicare age).
- Underinsured adults 60-64 years old who have private insurance that does not cover the shingles vaccine.
- Underinsured adults 65 years or older, who do not have coverage for the shingles vaccine (these adults will have no Medicare Part D, Medi-cal or a supplemental plan that covers the shingles vaccine).

- Give a strong recommendation to adult patients who require vaccination.



- Inform patients of common adverse reactions and how to manage them.
- Be sure to update patient's adult immunization record.
- Inform patient of follow-up appointment, if necessary.

- Visit the Centers for Disease Control website for updated vaccination schedule at **www.cdc.gov/vaccines**
- Visit the California Department of Public Health website for immunization information **www.cdph.ca.gov/programs/immunize**
- Visit the San Bernardino Public Health Department Immunization Branch for clinic and general information at **www.sbcounty.gov/dph**