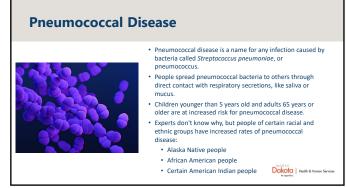
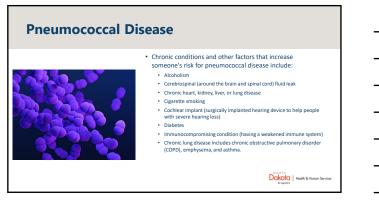
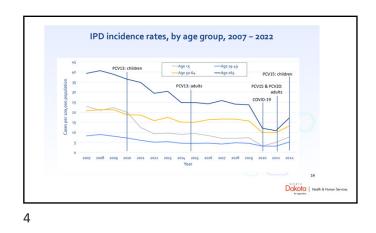


Pneumococcal Vaccines for Older Adults Jenny Galbraith, Adult Immunization Manager

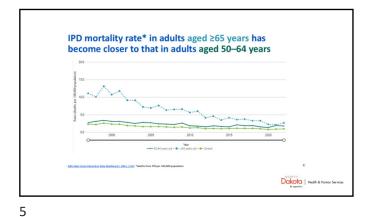


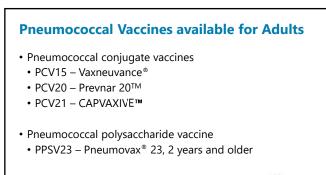








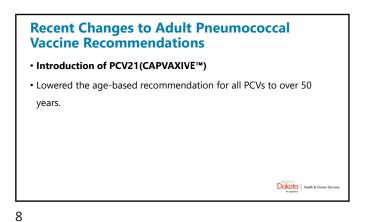


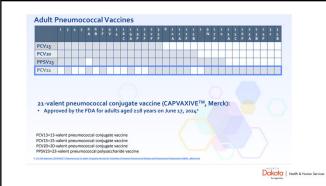


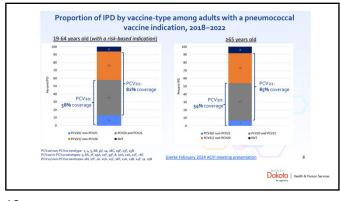
Recent Changes to Adult Pneumococcal Vaccine Recommendations

- Introduction of PCV21(CAPVAXIVE™)
- Lowered the age-based recommendation for all PCVs to over 50 years.

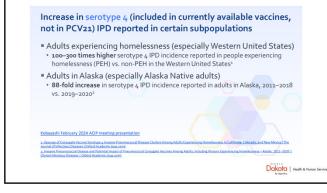
Dakota | Health & Human Services







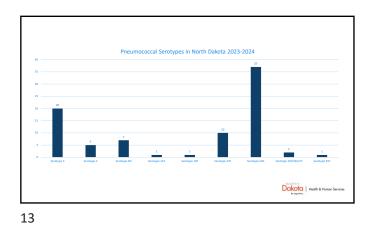




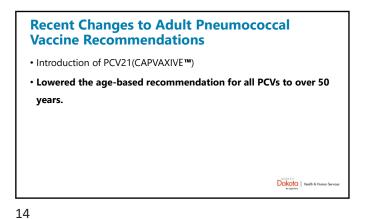
11

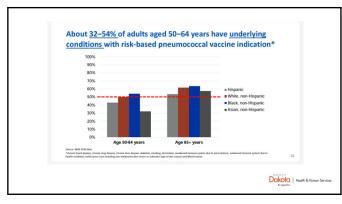
Populations at increased risk of serotype 4 disease

- In certain communities where there are high proportions (i.e., ≥30%) of disease due to serotypes unique to currently recommended vaccines (e.g., serotype 4), those vaccines may provide more protection against locally circulating strains compared to PCV21.
- Those who may be at increased risk of disease due to serotype 4 include adults aged <65 years in the Western United States with certain underlying conditions or risk factors* that increase the risk of pneumococcal disease.

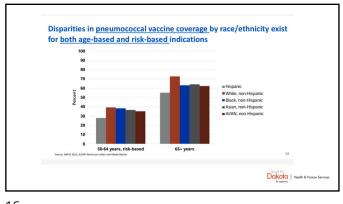




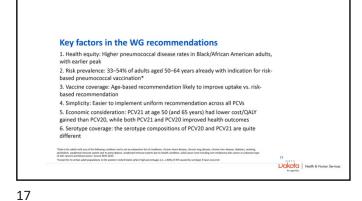


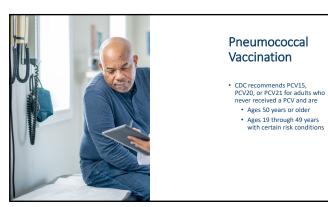












PneumoRecs VaxAdvisor Mobile App

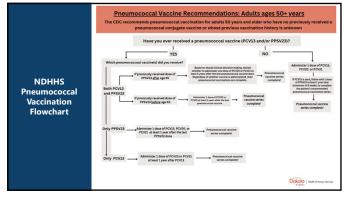
The **PneumoRecs VaxAdvisor mobile app** helps vaccination providers quickly and easily determine which pneumococcal vaccines a patient needs and when. The app incorporates recommendations for all ages so internists, family physicians, pediatricians, and pharmacists alike will find the tool beneficial. Users simply:

- Enter a patient's age.
- Note if the patient has specific underlying medical conditions.
 Answer questions about the patient's pneumococcal vaccination history.

Then the app provides patient-specific guidance consistent with the immunization schedule recommended by the U.S. Advisory Committee on Immunization Practices (ACIP).



19



20

Pneumococcal (PCV15, PCV20, PCV21 &/or PPSV23)

For patients 50 years or older who have not previously received a pneumococcal vaccine or whose previous vaccination history is unknown:

• 1 dose PCV15, PCV20 or PCV21.

• If PCV15 is used, this should be followed by a dose of PPSV23 given at least 1 year (minimum of 8 weeks) after the PCV15 dose.

Pneumococcal (PCV15, PCV20, PCV21 &/or PPSV23)

- For adults 50 years or older who have only received PPSV23:
- Give 1 dose of PCV15, PCV20, or PCV21 (at least one year after the most recent PPSV23 vaccination).
- For adults 50 years or older who have received PCV13 only:
 Give 1 dose of PCV20 or PCV21 at least 1 year after PCV13.

Dakota | Health & Human Service

22

Pneumococcal (PCV15, PCV20 &/or PPSV23)

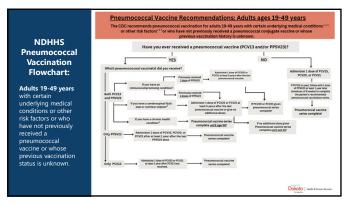
- For adults 50 years or older who have received PCV13 and PPSV23:
- If PPSV23 was received after age 65:
- Based on shared clinical decision-making, 1 dose of PCV20 or PCV21 at least 5 years after the last pneumococcal vaccine.
- IF PPSV23 was received before age 65:
 - Give 1 dose of PCV20 or PCV21 at least 5 years after the last pneumococcal vaccine dose.

Dakota | Health & Human Services

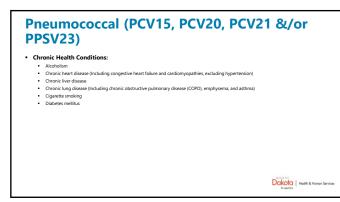
23

Will people vaccinated at age 50 need additional doses of pneumococcal vaccine in the future?

- It is likely. Effectiveness of pneumococcal polysaccharide vaccine (PPSV23) begins waning significantly after about 5 years. While current pneumococcal conjugate vaccines (PCVs) are expected to remain effective longer than that, for at least several years, a future PCV dose may be needed by those vaccinated at younger ages to boost protection later in life.
 When ACIP voted to lower the routine PCV vaccination age to 50, the committee took into
- When ACIP voted to lower the routine PCV vaccination age to 50, the committee took into consideration that an additional dose, perhaps 10 or 15 (or more) years later, may be needed.
 In coming vacrs ACIP will periodically review any evidence of twaining notaction, evaluate
- In coming years, ACIP will periodically review any evidence of waning protection, evaluate future pneumococcal vaccine products, and make recommendations for revaccination of older adults when needed.



Prevention of the second sec



Pneumococcal (PCV15, PCV20, PCV21 &/or PPSV23)

If patient is ages 19–49 years with certain underlying medical conditions or other risk factors who have not previously received any pneumococcal vaccine:

- 1 dose PCV15_PCV20_or PCV21
- If PCV15 is used, this should be followed by a dose of PPSV23 given at least 1 year after the PCV15 dose.
- A minimum interval of 8 weeks between PCV15 and PPSV23 can be considered for adults with an immunocompromising condition, cochlear implant, or cerebrospinal fluid leak.

For those who have only received PPSV23:

Give 1 dose of PCV15, PCV20, or PCV21 at least one year after the most recent PPSV23 vaccination.

Dakota | Health & Human Services

28

Pneumococcal (PCV15, PCV20 &/or PPSV23)

• For those who have received only PCV13:

• Give one dose of PCV20 or PCV21 at least 1 year after PCV13. Regardless of which vaccine is used their pneumococcal vaccinations are complete.

For those who have only received PPSV23:

 Give 1 dose of PCV15, PCV20, or PCV21 at least one year after the most recent PPSV23 vaccination.

Dakota | Health & Human Services

29

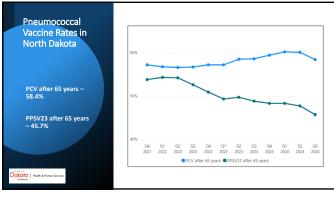
Pneumococcal (PCV15, PCV20 &/or PPSV23)

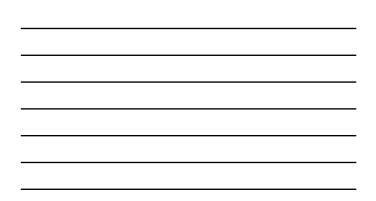
• For those who have received PCV13 and PPSV23:

Chronic Health Conditions – No additional doses of any type of pneumococcal vaccine are recommended at this time.

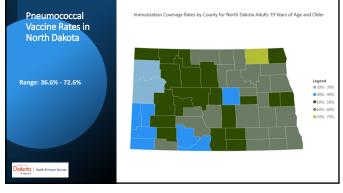
- CSF leak or cochlear implant Give one dose of PCV20 or PCV21 at least 5 years after the last pneumococcal vaccine dose or give no additional pneumococcal vaccines.
 - If PCV20 or PCV21 is administered, their pneumococcal vaccinations are complete. If no additional dose given Pneumococcal vaccine series complete until age 50.
- Immunocompromising Condition
- If your patient has only received 1 dose of PPSV23, administer 1 dose of PCV20 or PCV21 at least 5 years after the last pneumococcal vaccine.
- If your patient has received 2 doses of PPSV23, give one dose of PCV20 or PCV21 at least 5 years after the last pneumococcal vaccine dose or give no additional pneumococcal vaccines.
- If PCV20 or PCV21 is administered, their pneumococcal vaccinations are complete. If no additional dose given Pneumococcal vaccine series complete until age 50.

Dakota Istentry Health & Human Services

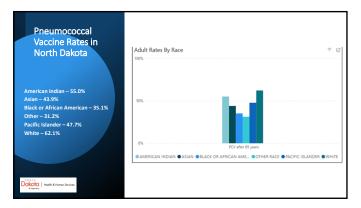


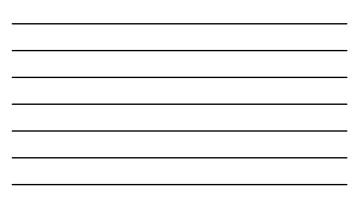


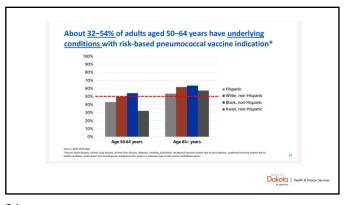




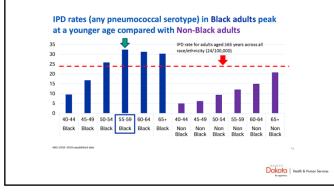




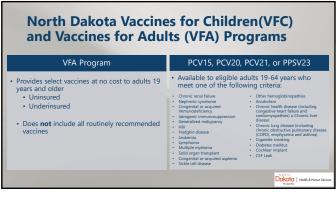












Standards for Adult Immunization Practice

- Incorporate immunization needs assessment into every clinical encounter.
- Strongly recommend needed vaccine(s) and either administer vaccine(s) or refer patient to a provider who can immunize
- Stay up-to-date on, and educate patients about, vaccine recommendations.
- Implement systems to incorporate vaccine assessment into routine clinical care.
- Understand how to access immunization information systems (i.e., NDIIS)
- For immunizations you are unable to administer: establish referral relationships with other immunizing providers.
 - · Follow up to confirm patient receipt of recommended vaccines.

Dakota | Health & Human Services

37

Additional Strategies to Increase Adult Immunization Rates

- Provide information about future doses and reinforce the importance of staying on schedule by providing the parent with a personalized list of future vaccines with clear "on or after" dates.
- Implement a scheduling process before patients leave the office.
- Implementing/improving reminder/recall using a combination of methods.
- Partner with community partners to offer off-site clinics.
- Offer immunizations at specialty provider visits.

Dakota | Health & Human Serv

38

Post-Test

Post-test

- Nurses interested in continuing education credit, visit Successfully complete the five-question post-test to receive your certificate: <u>https://ndhealth.co1.qualtrics.com/jfe/form/SV_5gVX9H5aocbhHO6</u>
 Credit for this session will be available until February 12, 2025.
- Credit for this session will be available until February 12, 2025
- This presentation will be posted to our website: <u>www.hhs.nd.gov/immunizations</u>

Immunization Unit			
Molly Howell, MPH	Phone: 701-328-4556	Mary Woinarowicz, MA	Phone: 701-328-2404
Director	Email: mahowell@nd.gov	NDIIS Manager	Email: many.woinarowicz@nd.gov
Abbi Berg, MPH	Phone: 701-328-3324	Allison Dykstra, MS	Phone: 701-328-2420
VFC/Quality Improvement Manager	Email: <u>alberg@nd.gov</u>	NDIIS Coordinator	Email: adykstra@nd.gov
Miranda Baumgartner	Phone: 701-328-2035	Ronda Kercher	Phone: 701-226-1379
VFC/QI Coordinator (West)	Email: <u>mlbaumgartner@nd.gov</u>	NDIIS Data Admin	Email: <u>rkercher@nd.gov</u>
Rachel Flores	Phone: 701-328-9016	Melissa Marto	Phone: 701-328-4169
VFC/QI Coordinator (East)	Email: <u>rflores@nd.gov</u>	NDIIS Data Quality Coordinator	Email: mmarto@nd.gov
Jenny Galbraith	Phone: 701-328-2335	Lynde Monson	Phone:
Adult Immunization Manager	Email: jgalbraith@nd.gov	CDC Public Health Advisor	Email: <u>lyndemonson@nd.gov</u>
Kristen Vetter	Phone: 701-328-8672	Danni Pinnick, MPH	Phone: 701-239-7169
Adult Immunization Coordinator	Email: kristenvetter@nd.gov	Immunization Surveillance Coordinator	Email: dpinnick@nd.gov

