

# Immunization Update:

ACIP and VRBPAC Meeting Reviews

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# Acronyms/Terminology VRBPAC – Vaccines and Related Biologic Products Advisory Committee

ACIP – Advisory Committee on Immunization Practices

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# **Recent Meetings**



ACIP Meeting February 22-24, 2023



VRBPAC Meeting February 28-March 1, 2023



**ACIP – Mpox Vaccine** 

#### >30,000 cases of mpox in the U.S. since May 2022

- Low numbers continuing
- · Predominantly among men (gay, bisexual, and men who have sex with men)
- 2 vaccines available
  - Jynneos received an FDA EUA for pre- or post-exposure prophylaxis in children and intradermal
  - administration in adults
- ACAM2000 not being utilized in this outbreak
- Nearly 1.2 million doses of Jynneos administered during this outbreak
- Apparent equity issues

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#### **ACIP – Mpox Vaccine**

- No previous ACIP recommendation for Jynneos usage during outbreaks
- Efficacy data reviewed: 66%-83% after 2 doses regardless of route
- Safety data reviewed: no new concerns (myocarditis and pericarditis post-vaccination rates similar to general population)

 ACIP vote: recommend 2-dose Jynneos series (28 day separation) in people 18 and older at risk of mpox during an outbreak as defined by public health authorities

- Subcutaneous administration recommended unless supply dictates intradermal administration
- Utilization in individuals <18 years will be addressed at the June 2023 meeting

A more long-term strategy for Jynneos will be reviewed at the October 2023 meeting

| P – Mpox Vac                              | cine        | 9        |                       |   |   |
|---|-------------|----------|-----------------------|---|---|
| Vaccine effectiven<br>83% for full vaccin |             |          |                       |   |   |
|   | Cases       | Controls | Adjusted* VE (95% CI) |   |   |
| Full vaccination (2 doses)                | Cases       | controls | Repaired TC (35/1 Ci) |   |   |
| Epic Cosmos case-control stud             | y 25        | 335      | 66% (47%- 78%)        |   |   |
| Multi-jurisdictional case-contro          | ol study 14 | 122      | 76% (48%-89%)         | <b>_</b>                                      |   |
| New York State case-control st            | udy 2       | 21       | 83% (22%-96%)         |   |   |
| Partial vaccination (1 dose)              |             |          |                       |   |   |
| Israel single-dose study                  | 5           | 16       | 86% (59%-95%)         |   |   |
| Epic Cosmos case-control stud             | y 146       | 1000     | 36% (22%-47%)         |   |   |
| New York State case-control st            | udy 10      | 24       | 65% (21%-85%)         |   |   |
|   |             |          |                       | 0 20 40 60 80 10<br>Vaccine Effectiveness (%) | 0 |
|   |             |          |                       |   |   |

#### ACIP – Influenza Vaccine

- Early peak in U.S., late November/early December 2022
- Vast majority of cases have been Influenza A(H3N2) subtype
- Estimated 25 million illnesses, 280,000 hospitalizations, and 18,000 deaths
- Collected viruses susceptible to available antivirals



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#### ACIP – Influenza Vaccine

- Numerous studies of 2022-23 season vaccine efficacy, including NVSN, IVY, VISION Network, and Marshfield Clinic Research Institute
- Overall vaccine efficacy for 2022-23 season 49%
- Conveys significant protection in from hospitalization and in high-risk
  groups

| AC | CIP – Influenza Vaccine  |                                 |
|----|--|---------------------------------|
|    | Network – Population & Infection Severity  | Efficacy                        |
|    | NVSN – Pediatric hospitalizations  | 68%                             |
|    | NVSN – Pediatric emergency department visits                                       | 42%                             |
|    | IVY – Adult hospitalizations   | 43%                             |
|    | VISION – Adult hospitalizations  | 39%                             |
|    | VISION – Adult emergency department/Urgent care visits                             | 44%                             |
|    | Marshfield – Medically attended influenza A in children and<br>working aged adults | 54%                             |
|    | Marshfield – Symptomatic influenza A in children                                   | 71%                             |
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#### **ACIP – Pneumococcal Vaccines**

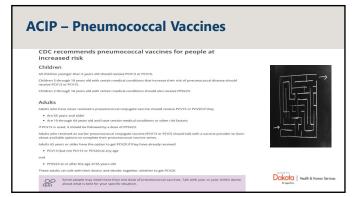
Current recommendations:

- PCV13 children
- PCV15 children and adults

PCV20 – adults and under FDA review for children with potential licensure as early as April 2023

• PPSV23 - some children based on their risks and adults with high-risk conditions

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#### **ACIP – Pneumococcal Vaccines**

PCV20

- · No anticipated impact to adult recommendations
- Reviewed possible schedules for children under 2 years 4 doses vs. 3 doses of PCV13
- Discussed possibility of recommending PCV20 in place of PPSV23 in older children with underlying health conditions
- 20 is more than 13 or 15, so...?
- ACIP vote on recommendations anticipated after product licensure, likely in June 2023

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## **ACIP – Meningococcal Vaccines**

- Decreased cases during pandemic, but numbers doubled in 2022
- 27 cases since 2019 of penicillin and ciprofloxacin resistant serogroup Y
- Serogroup B dominant in adolescents

Currently MenACWY and MenB approved



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#### **ACIP – Meningococcal Vaccines**

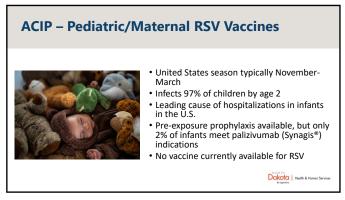
- Pfizer MenABCWY pentavalent vaccine Phase 3 trial
- 2 dose series 6-12 months apart with a booster dose 4 years later
- ACIP Work Group considered the pentavalent vaccine noninferior to MenACWY + MenB, but some information lacking
- ACIP will continue to review at the June 2023 meeting and likely vote on any recommendations at the October 2023 meeting

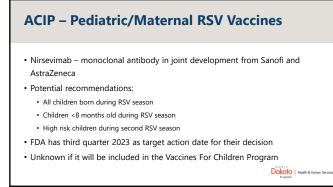
#### **ACIP – Polio Vaccine**

- Discussion surrounding possibility of an updated recommendation for using IPV in adults
  - Primary series or booster dose
  - Immunocompromised adults
  - Unvaccinated/incompletely vaccinated adults
- No anticipated impact to child recommendations
- Further discussion and possible vote at June 2023 meeting

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#### ACIP – Pediatric/Maternal RSV Vaccines

- Nirsevimab a monoclonal antibody in joint development from Sanofi and AstraZeneca
- For the prevention of RSV lower respiratory tract disease in newborns and infants entering or during their first RSV season and for children up to 24 months who remain vulnerable to severe RSV disease through their second RSV season
- 79% efficacy against medically attended LRTI due to RSV, 80.6% efficacy against hospitalization, and 90% efficacy against ICU admission
- FDA has third quarter 2023 as target action date for their decision
- · Cost, access, and administrative questions

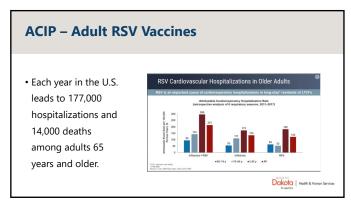
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#### **ACIP – Pediatric/Maternal RSV Vaccines**

- Pfizer bivalent RSV Prefusion (RSVpreF) vaccine product being studied for administration during pregnancy
- One dose at 24-36 weeks gestation to provide passive immunity to infants against LRTI and severe LRTI caused by RSV
- Phase 3 findings suggest a favorable safety profile and 82% efficacy against severe RSV up to 3
  months of age and 69% at 6 months
- If licensed by the FDA, ACIP vote anticipated at October 2023 meeting





#### **ACIP – Adult RSV Vaccines**

- Pfizer (bivalent RSVpreF) and GSK (adjuvanted RSVpreF3) each have a RSV vaccine in development for older adults
- In trials, both have shown efficacy against lower respiratory tract infections
  - GSK: 82.5% efficacy against RSV Lower Respiratory Tract Disease and 87.5% against medically attended RSV Lower Respiratory Tract Disease
  - Pfizer: 85.7% efficacy against RSV Lower Respiratory Tract Illness and 80.00% against medically attended RSV Lower Respiratory Tract Illness
- + Safety: concerns about adverse events with both products, particularly Guillain-barre syndrome
- Trials were conducted in adults 60 years and up, ACIP Work Group considering 65 years and up
- More data needed and products will be discussed at future meetings
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#### ACIP – Travel Vaccines – Chikungunya Virus

Chikungunya - virus spread via mosquito bite

• Symptoms can be prolonged



- Outbreaks occur in many places around the world
- Death rare
- Vaccine from Valneva may be licensed by FDA in August 2023
- ACIP vote likely at February 2024 meeting

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#### ACIP – Travel Vaccines – Dengue Virus

Dengue - virus spread via mosquito bite

- Symptoms can be prolonged symptoms
- · Outbreaks occur in many places around the world
- · About 1 in 20 people progress to severe dengue
- A vaccine is approved for children 9-16 years with laboratory-confirmed prior dengue infection
  who live in places where dengue is common
- New vaccine from Takeda being reviewed by FDA, possible long term protection for both naïve and previously infected individuals
- ACIP will continue review at the June 2023 meeting and vote at the October 2023 meeting



#### ACIP - 25 years of Varicella Vaccine

Varicella vaccine over the last 25 years: • Has prevented up to 91 million cases of chickenpox

- Has prevented 238,000
- hospitalizations for chickenpox
- Has prevented up to 2,446 deathsSocietal cost savings of more than
- \$23 billion

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#### **ACIP – COVID-19 Vaccines**

Efficacy

- Continue to be highly effective with regards to serious outcomes
- Hospitalization rate in unvaccinated adults 16 times that of adults receiving a bivalent mRNA booster
- Hospitalization rate in vaccinated adults without a bivalent booster 2.6 times that of adults receiving a bivalent booster

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# ACIP – COVID-19 Vaccines

#### Safety

- November 2022 possible safety signal for ischemic stroke in adults 65 years and up in Vaccine Safety
  Datalink (VSD)
  - No other vaccine surveillance system domestically or internationally reflected a similar safety signal and signal has since diminished
  - Further review showed signal was stronger when Pfizer bivalent booster and influenza vaccine given concurrently
  - No causal link proven, investigation continues
  - No change in vaccination recommendations
- Safety data for the bivalent booster do not show an increased risk of myocarditis in adolescent males

#### **ACIP – COVID-19 Vaccines**

Simplification of recommendations under consideration

- Adopt a 1-dose schedule after early childhood
- End use of monovalent vaccines, utilizing bivalent for both primary
- series and booster • NO changes at this time



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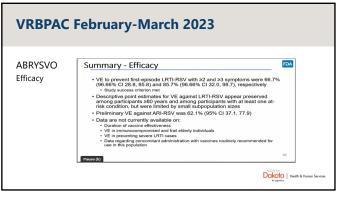
### **VRBPAC February-March 2023 Topics**

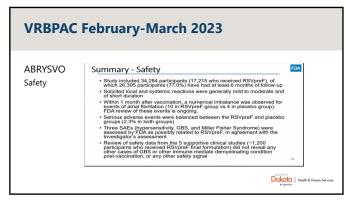
- Safety and effectiveness of ABRYSVO, Pfizer's Respiratory Syncytial Virus Vaccine for adults 60 years and older
- Safety and effectiveness of AVEXVY, GSK's Respiratory Syncytial Virus Vaccine, Recombinant, Adjuvanted for adults 60 years and older



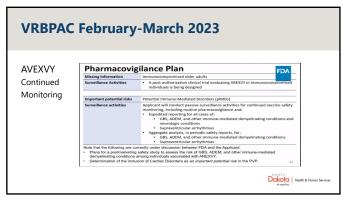
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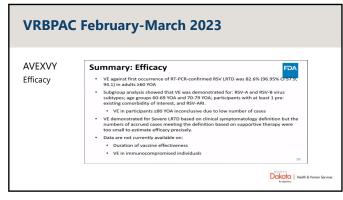


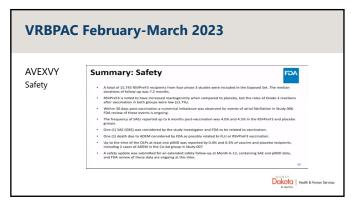


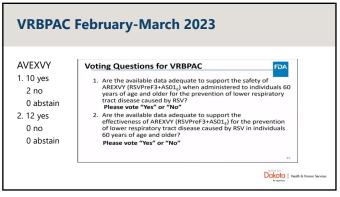


| VRBPAC           | February-March 2023   |
|------------------|---|
| ABRYSVO          | Voting Questions for VRBPAC   |
| 1. 7 yes<br>4 no | <ol> <li>Are the available data adequate to support the safety of<br/>ABRYSVO (RSVpreF) when administered to individuals 60</li> </ol>  |
| 1 abstain        | years of age and older for the prevention of lower respiratory<br>tract disease caused by RSV?<br>Please vote "Yes" or "No"   |
| 2. 7 yes<br>4 no | <ol> <li>Are the available data adequate to support the effectiveness<br/>of ABRYSVO (RSVpreF) for the prevention of lower<br/>respiratory tract disease caused by RSV in individuals 60</li> </ol> |
| 1 abstain        | years of age and older?<br>Please vote "Yes" or "No"  |
|                  | 42  |
|                  | Dickord   Health & Hansen Servic  |

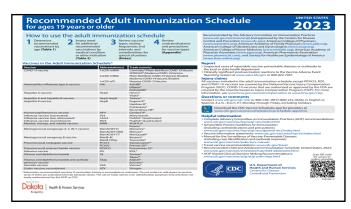


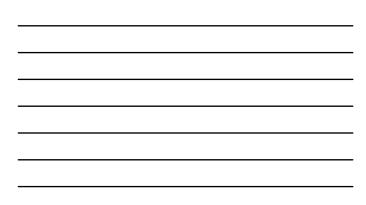


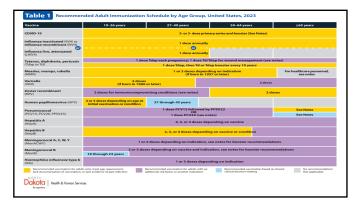


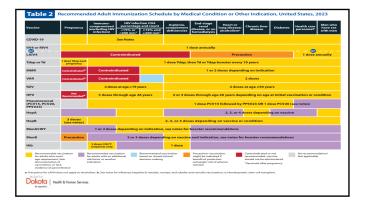














#### 2023 Recommended Immunization Schedule Adult ages 19 years or older

Routine Immunization Schedule (table 1) updates:

- New COVID-19 vaccine row in yellow, indicating that it is routinely recommended for all adults
- MMR row text in the column for ≥65 years referring providers to notes for considerations for healthcare providers
- Hepatitis A row updated text "2, 3, or 4 doses depending on vaccine"

#### 2023 Recommended Immunization Schedule Adult ages 19 years or older

Immunization by Medical Indication Schedule (table 2) updates:

- New COVID-19 vaccine row in yellow, refers to notes regarding the immunocompromised and HIV positive
- Hepatitis A row updated text "2, 3, or 4 doses depending on vaccine"

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#### 2023 Recommended Immunization Schedule Adult ages 19 years or older

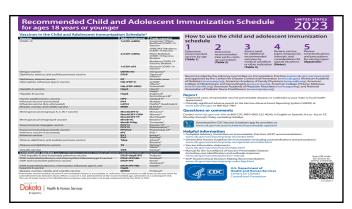
Vaccine Note updates:

- Edits to mirror the language between the Adult Schedule and the Child and Adolescent Schedule when possible
- Notes updated for COVID-19, HepB, Influenza, MMR, Meningococcal, Pneumococcal, Poliovirus, Tdap, and Zoster vaccines

Appendix updates:

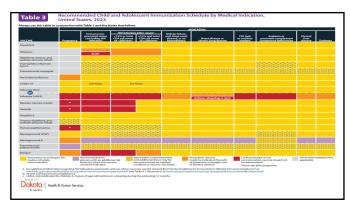
- "Contraindications' column renamed to "Contraindicated or not recommended"
- Influenza (egg-based) row history of egg allergy info moved from precautions column to notes
  Hep B row and human papillomavirus rows had language modifications regarding pregnancy

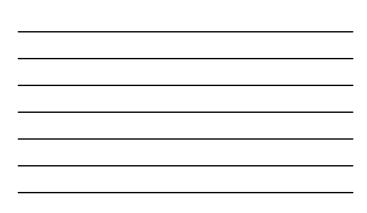
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| Vaccine  | Dirth      | 1 mo                     | 2 mos                 | 4 mos                | 6 mos                | 9 1001                   | 121001      | 15 mos        | 18 mos                      | 19-23 mos         | 2-3 yrs    | 4-6 yrs                   | 7-10 yrs     | 11-12 yrs            | 13-15 yrs                    | 16 yrs 1                  | 17-18 yr |
|--|------------|--------------------------|-----------------------|----------------------|----------------------|--------------------------|-------------|---------------|-----------------------------|-------------------|------------|---------------------------|--------------|----------------------|------------------------------|---------------------------|----------|
| Hepatitis B (HepB)   | 1º dose    | 4-2-1                    | tose•                 |                      | -                    |                          |             |               |                             |                   |            |                           |              |                      |                              |                           |          |
| Rotavirus (RV): RV1 (2-shose series),<br>RVS (3-shose series)                  |            |                          | 1 <sup>rd</sup> shoce | 2 <sup>rd</sup> date | See Notes            |                          |             |               |                             |                   |            |                           |              |                      |                              |                           |          |
| Diphtheria, tetanus, acellular pertussis<br>(DTaP <7 yrs)                      |            |                          | 1º doce               | 2 <sup>rd</sup> dase | 3 <sup>st</sup> dose |                          |             | <b>ه</b>      | ose•                        |                   |            | 3 <sup>th</sup> close     |              |                      |                              |                           |          |
| Haemaphilus influenzae type b (Hib)  |            |                          | 1º dose               | 2 <sup>rd</sup> dose | See Notes            |                          | -T'or -F    | n dose        |                             |                   |            |                           |              |                      |                              |                           |          |
| Pneumococcal conjugate<br>(PCV13, PCV15)                                       |            |                          | 1º dose               | 2 <sup>nd</sup> dose | 3ª dose              |                          | 4           | lose >        |                             |                   |            |                           |              |                      |                              |                           |          |
| Inactivated policyleus<br>OPV <10 yrs)   |            |                          | 1º dose               | 2 <sup>rd</sup> dose | •                    |                          |             |               | •                           |                   |            | 4 <sup>th</sup> dose      |              |                      |                              |                           | See      |
| COVID-19 (1vCOV-mRNA,<br>2vCOV-mRNA, 1vCOV-aPS)                                |            |                          |                       |                      |                      |                          |             |               | 2- or 3- o                  | lose primary      | series and | booster (Se               | e Notes)     |                      |                              |                           |          |
| Influenza (EV4)  |            |                          |                       |                      |                      |                          |             | Annual vaco   | cination 1 or               | 2 doses           |            |                           | T            | Anna                 | al vaccinatio                | n 1 dose only             |          |
| Influenza (LAIV4)  |            |                          |                       |                      |                      |                          |             |               |                             |                   | A          | al vaccinat<br>or 2 doses | ian er       | Ato                  | ual vaccinati                | on 1 dose on              | v        |
| Measles, mumps, rubella (MMR)  |            |                          |                       |                      | See                  | Notes                    | · · · · · · | kasa          |                             |                   |            | 2 <sup>nd</sup> disse     |              |                      |                              |                           |          |
| Varicella (VAR)  |            |                          |                       |                      |                      |                          | 4           | lase          |                             |                   |            | 2 <sup>nd</sup> disse     |              |                      |                              |                           |          |
| Hepatitis A (HepA)   |            |                          |                       |                      | See                  | Notes                    |             | 2-close serie | s, See Notes                |                   |            |                           |              |                      |                              |                           |          |
| Tetanus, sliphtheria, acellular pertussis<br>(Tidap 27 yrs)                    |            |                          |                       |                      |                      |                          |             |               |                             |                   |            |                           |              | 1 dose               |                              |                           |          |
| Human papillomavirus (HPV)   |            |                          |                       |                      |                      |                          |             |               |                             |                   |            |                           |              | See<br>Notes         |                              |                           |          |
| Meningococcal (MenACWY-D >9 mos,<br>MenACWY-CRM =2 mos, MenACWY-TT<br>>2years) |            |                          |                       |                      |                      |                          |             | See Notes     |                             |                   |            |                           |              | 1ª dose              |                              | 2 <sup>-4</sup> dose      |          |
| Meningococcal B<br>(MenB-4C, MenB-FHbp)  |            |                          |                       |                      |                      |                          |             |               |                             |                   |            |                           |              |                      | See No                       | 048                       |          |
| Pneumococcal polysaccharide<br>(PPSVZ3)  |            |                          |                       |                      |                      |                          |             |               |                             |                   |            |                           |              | See Notes            |                              |                           |          |
| Dengue (DEN4CYD) 9-16 yrs)   |            |                          |                       |                      |                      |                          |             |               |                             |                   |            |                           |              | Seropos<br>dengue i  | itive in ende<br>reas (See N | mic<br>stes)              |          |
| Range of recommended ages for all children                                     | Range of a | ecommend<br>ap vaccinati | ed ages<br>on         | Par For              | nge of recor         | nmended a<br>hrisk group | igen 🔁      | Recomm        | nended vao<br>in in this ag | cination<br>group | Be         | commende<br>shared clin   | d veccinati- | on based<br>5-making | No                           | recommend<br>t applicable | ation/   |

| Vaccine<br>Hroatilis B  | Minimum Age for<br>Doos 1  |   |  |  |                |
|---|--|---|--|--|----------------|
| Heread Rev B  |  |   | Date 2 to Date 3   | Date 3 to Date 4   | Dana A to Dana |
|   | Eirth.   | d weeks   | & weeks and at least 14 weeks after first done<br>minimum age for the final done is 24 weeks   |  |                |
| Rotavinus   | <ul> <li>weeks</li> <li>Maximum age for first store is 34 weeks, 6 store.</li> </ul> | 4 weeks   | 4 weeka<br>maksimum age for final door is 8 months, 0 days   |  |                |
| Diphtheria, tetanus, and<br>acetular perfusion                        | © weeks  | 4 weeks   | 4 weeks  | 0 months   | 6 months       |
| Agenegyldyc ieflwrodar<br>Syfe b                                      | 0 motki  | Ny further discs mended<br>if first doe was administered at age 15<br>months or date.<br>4 media<br>11 and a sector administered at age<br>12 and a sector administered at age<br>13 benegit 14 medite.<br>13 benegit 14 medite.  | The for the second seco | It weeks (as fead doesn')<br>This does only nocemary<br>for dittore nage 12 through<br>for dittore nage 12 through<br>30 manths was recovered 3 doesn<br>technic the 1* technicy.        |                |
| Presenacional conjugate   | 6 norski   | No harther doses readed for tooldby<br>shiders if first dose roas administered at<br>age 24 markets or dilar<br>4 creak<br>1° britding was administedered tertar the<br>1° britding of the shift dose for headthy<br>if each dose was administedered at the<br>1° britding or after<br>1° britding or after | No for Chronic Assess analysis<br>the Including of Assess analysis<br>the Including of Assess analysis and a second assess and a second assess and a<br>constraints of a second assess and a second assess and a second assess and a<br>constraints of a second assess and a second assess and a second assess and a<br>constraints of a second assess and a second assess and a second assess<br>to constraints of a second assess and a second assess and a second assess<br>constraints of a second assess and a second assess and a second assess<br>constraints of a second assess and a second as a second assessment and targets and a second assess<br>constraints of a second assess and a second as a second assessment and targets and a second assess<br>assesses as a second assessment assessment assessments and targets and assessments<br>assesses assessments assessess.   | B weeks (as final dose)<br>this slove is only neurosary for<br>children agen 12 bioagils 19<br>months regardlers of risk, or age<br>reak, who reactined 3 doses before<br>age 12 months. |                |
| Inactivated policyles   | 6 seeris   | 4 weeks   | 4 seconds<br>6 seconds age to ord years<br>6 seconds (as fixed down)<br>6 seconds (as fixed down)<br>6 seconds (as fixed down)   | 6 muniths (minimum age 6<br>years for final dose)  |                |
| Meader, manps, rubella  | 12 manufes   | 4 weeks   |  |  |                |
| Vancella  | 12 months  | 3 months  |  |  |                |
| Incodes A   | 12 months  | 0 months  |  |  |                |
| Meningococcal ACWY  | 2 months MenACWY-OM<br>9 months MenACWY-O<br>2 years MenACWY-TT                      | e weeks   | See Notes  | See Notes  |                |
|   |  |   | Children and adolescents age 7 through 18 years  |  |                |
| Meningococcal ACWY  | hist applicable (N/A)  | 6 weeks   |  |  |                |
| Tetarun, diphiharia<br>tetarun, diphiharia, and<br>acellular pertusis | 7 years  | 4 weeks   | 4 works<br>14 find does of OEaP-OE was administered below the 1° birthelay<br>6 machta (as final does)<br>2 find does OEaP-OE m Disp?Id was administered at or after the 1° birthelay  | d meantifus<br>of first close of DEaP/DT was<br>administered before the 1*<br>institutely  |                |
| Human papillomavinas  | 6 heren  | Reating during intervals are<br>recommended.  |  |  |                |
| Hepatilits A  | NA   | 6 marths  |  |  |                |
| Heyaddis B  | NA   | 4 weeks   | I weeks and at least 16 weeks after first dose   |  |                |
| inactivated policylinat   | NOA  | 4 weeks   | e exacts:<br>A fourth dolon is not necessary if the third door was administered at age 4 years or older and at least 6 months after<br>the previous dow.   | A fourth dose of IPV is indicated<br>if all prividual doses were<br>advertishered at us years or if the<br>third dose was advertishered -0<br>months after the second dose.              |                |
| Meader, mumpl, rubella  | NIA  | 4 weeks   |  |  |                |
|   | NUA  | 3 months if younger than age 13 years.<br>4 weeks if age 13 years or older  |  |  |                |
| Varicella<br>Densae   | P second   |   |  |  |                |





#### 2023 Recommended Immunization Schedule Child and Adolescent ages 18 years or younger

Routine Immunization Schedule (table 1) updates:

- New COVID-19 vaccine row in yellow, indicating that it is routinely recommended for 6
  months to 18 years
- Pneumococcal conjugate row PCV 15 added
- IPV row prompts healthcare providers to review the Notes section for people age 18 years
- Catch-up Immunization Schedule (table 2) updates:
- Pneumococcal conjugate row language for the minimum interval between doses 3
  and 4 revised

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#### 2023 Recommended Immunization Schedule Child and Adolescent ages 18 years or younger

Immunization by Medical Indication Schedule (table 3) updates:

 New COVID-19 vaccine row in yellow, refers to notes regarding the immunocompromised and HIV positive

Vaccine Note updates:

- Edits to mirror the language between the Adult Schedule and the Child and Adolescent
   Schedule when possible
- Notes updated for COVID-19, Dengue, HepB, Influenza, MMR, MenACWY, MenB, Pneumococcal, and Poliovirus vaccines

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#### 2023 Recommended Immunization Schedule Child and Adolescent ages 18 years or younger

Appendix updates:

- · "Contraindications' column renamed to "Contraindicated or not recommended"
- Influenza (egg-based) row history of egg allergy with symptoms other than hives info moved from
  precautions column to notes
- Dengue row lack of lab confirmation of previous dengue virus infection is a contraindication added
- Hep B row and human papillomavirus rows had language modifications regarding pregnancy
- MMR row MMRV added, precaution for using MMRV of personal or family history of seizure added

Varicella row – precautions for MMR/MMRV should be reviewed if using MMRV

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|---|--|--------------------------------|----------------------------------|
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|   |  |                                |                                  |

#### **Post-Test**

Post-test

- Nurses interested in continuing education credit, visit
- https://ndhealth.co1.gualtrics.com/ife/form/SV\_6LH8Fmg6rIRNOig
- $\ensuremath{\cdot}$  Successfully complete the five-question post-test to receive your certificate
- Credit for this session will not expire until April 22, 2023.
- This presentation will be posted to our website: <u>www.hhs.nd.gov/immunizations</u>

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# Immunization Update:

ACIP and VRBPAC Meeting Reviews

#### Immunization Update: ACIP and VRBPAC Meeting Reviews

References: www.cdc.gov

UI Express. "Immunize org summarizes ACIP's February 22–24 meeting recommending mpox vaccine for adults during outbreaks and discussing RSV, pneumococcal disease, meningococcal disease, future COVID-19 vaccine plans, and more." Issue 1,680: March 1, 2023. Vaccines and Related Biological Products Advisory Committee February 28 - March 1, 2023 Meeting Announcement - 02/28/2023 J FDA

Today's ACIP meeting Cliff notes - by Katelyn Jetelina (substack.com) Howell, Molly, "Advisory Committee on Immunization Practices (ACIP) Notes, February 22-24, 2023." Schaffner, William and Carrico, Ruth. "Respiratory Syncytial Virus: It's Not Just for Kids – A Review of the Data Clinicians Need to Know." Beginaron, Syncytial Virus: It's Not Just for Kids – a Review of the Data Clinicians Need to Know (medscape on) Feb 6, 2023.

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