

## RESEARCH OF MOST APPROPRIATE VACCINATIONS FOR DIALYSIS PATIENTS

### PNEUMOCOCCAL VACCINE

#### Adults 19-64

##### Not previously received any pneumococcal vaccine

- Administer 1 dose of PCV15 or PCV20
  - If using PCV 20, vaccinations are complete
  - If PCV15 is used, follow with one dose of PPSV23Minimum interval is 8 weeks. Vaccinations are complete

##### Previously received PPSV23, but not received PCV13, PCV15, PCV20

- Administer 1 dose of PCV15 or PCV20.
  - The PCV15 or PCV20 dose should be administered at least one year after the most recent PPSV23 vaccination. Vaccinations are complete

##### Received PCV13 without PPSV23

- Administer PPSV23 at least 8 weeks after the PCV13. Administer a second dose of PPSV at least 5 years later
- If PPSV23 is not available, one dose of PCV20 may be used and then vaccinations are complete

##### Received PCV13 with PPSV23

- Administer a second dose PPSV23 at least 5 years after first dose

#### Adults 65 or older

##### Not previously received any pneumococcal vaccine

- Administer 1 dose of PCV15 or PCV20
  - If PCV15, is used, follow with 1 dose of PCV23 at least 8 weeks later
  - If PCV20 is used, a dose of PPSV23 is NOT indicated

##### Previously received a PPSV23

- Administer 1 dose of PCV15 or PCV20
  - The PCV15 or PCV20 dose should be administered at least 1 year after the most recent PPSV23 vaccination
  - Regardless of if PCV15 or PCV20 is given, an additional dose of PPSV23 is NOT recommended

#### Only received PCV13

- Administer PPSV23 a minimum of 8 weeks after PCV13

#### Received PCV13, but have not completed the recommended pneumococcal vaccine series with PPSV23

- Administer 1 dose of PPSV23
- Administer 1 dose of PCV20 if PPSV23 is not available

## INFLUENZA (FLU) VACCINE

### **Adults 6 months and older**

#### Standard-dose Flu Shot - all are designed to protect against four different flu viruses

- Afluria Quadrivalent
- Fluarix Quadrivalent
- FluLaval Quadrivalent
- Fluzone Quadrivalent
- Administer 1 dose

#### Cell-based Flu Shot

- Flucelvax Quadrivalent (egg-free)
- Administer 1 dose annually

#### Recombinant Flu Shot

- Flublok Quadrivalent (egg-free)
- Administer 1 dose

### **Adults 65 and older**

#### Recommended over standard dose, unadjuvanted flu vaccines

- Fluzone High-Dose Quadrivalent
- Flublok Quadrivalent Recombinant
- Fluad Quadrivalent Adjuvanted
- Administer 1 dose

## COVID VACCINE

|                           | <b><u>Pfizer-BioNTech</u></b><br><i>12+ years old</i>  | <b><u>Moderna</u></b><br><i>18+ years old</i>  | <b><u>Johnson &amp; Johnson's Janssen</u></b><br><i>18+ years old</i>  | <b><u>Novavax</u></b><br><i>18+ years old</i>   |
|---------------------------|--|--|--|---|
| <b>Primary series</b>     | 2 doses<br>Given 3-8 weeks apart.<br>Males 12-39 years old should consider getting the second dose 8 weeks after the first dose.   | 2 doses<br>Given 4-8 weeks apart<br>Males 12-39 years old should consider getting the second dose 8 weeks after the first dose.  | Extremely Limited Recommendation<br>Follow link below for full guidance<br><a href="https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us-appendix.html#appendix-a">https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us-appendix.html#appendix-a</a> | 2 doses Given 3 weeks apart   |
| <b>Fully Vaccinated</b>   | 2 weeks after final dose in primary series   | 2 weeks after the final dose in primary series   | Additional dose of a monovalent mRNA vaccine at least 4 weeks after J&J dose. Fully Vaccinated 2 weeks after the additional dose   | 2 weeks after the second dose   |
| <b>First Booster Dose</b> | Everyone ages 12+ years should get a booster dose of an mRNA vaccine at least 2 months after the last dose in their primary series. Bivalent should be used<br><br>Pfizer is approved for 12+ years and Moderna is approved for 18+ years. | Everyone ages 18+ years should get a booster dose of either Pfizer-BioNTech or Moderna (mRNA COVID-19 vaccines) at least 2 months after the last dose in their primary series. | Everyone ages 18+ years should get a booster dose of either Pfizer-BioNTech or Moderna (bivalent mRNA COVID-19 vaccines) at least 2 months after the additional dose.  | Pfizer-BioNTech or Moderna bivalent booster dose at least 2 months after 2nd dose of Novavax. A Novavax booster may be substituted if the person is unable or unwilling to receive a Pfizer or Moderna bivalent booster, is at least 6 months since completion of primary |

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|--|--|--|---|---|
|  |  |  |   | series, has not received any other boosters, and is at least 18 years old |
| <b>Additional<br/>Booster<br/>Dose</b> | Everyone ages 12+ years should get a single bivalent booster dose of an mRNA vaccine at least 2 months after the last monovalent booster, Pfizer is approved for 12+ years and Moderna is approved for 18+ years. No recommendations for a second bivalent booster at this time. | Everyone ages 18+ years should get a single bivalent booster dose of either Pfizer or Moderna mRNA vaccine at least 2 months after the last monovalent booster. No recommendations for a second bivalent booster at this time. | No additional recommendation at this time.                            |   |