

# COVID-19 Update

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KENTUCKY CABINET FOR  
HEALTH AND FAMILY SERVICES



**Kentucky Public Health**  
Prevent. Promote. Protect.

# Agenda

- Welcome
- Kentucky COVID-19 Updates
- Pediatric Vaccine Update - 6 months to 4 years old
- Are You “Up To Date”?
- Pediatric Vaccination and Fertility – Dr. Shannon Clark
- Q & A

# mRNA Primary Series and Boosters in Moderately or Severely Immunocompromised

- Twenty-eight (28) days after receipt of the initial 2 dose series (Moderna or Pfizer), individuals should receive 1 additional dose to complete the primary series (3 doses)
  - Pfizer 5 years old and older
  - Moderna 18 years old and older
- Booster doses are recommended for individuals 12 years of age and older after completion of primary series.
  - The booster dose is recommended **at least 3 months** after the third dose in the primary series, **for a total of four doses**.
    - **Preferably with an mRNA COVID-19 vaccine.**
    - If Moderna vaccine is used for the booster dose, a 50 mcg (0.25 mL) dose should be used. Individuals that are immunocompromised will receive four (4) total doses

# Janssen Primary Series and Boosters in Moderately or Severely Immunocompromised

- A **primary Janssen vaccine dose** is authorized for people ages 18 years and older who are moderately or severely immunocompromised
- The primary vaccine dose should be followed by a **second (additional) dose using an mRNA COVID-19 vaccine** at least 4 weeks later to complete the primary series
  - If Moderna COVID-19 vaccine is used for the second dose, **administer a 100 mcg (0.5 ml) dose.**
    - 1 Janssen + 1 mRNA=2 doses

# Janssen Primary Series and Boosters in Moderately or Severely Immunocompromised

- A single booster dose is recommended at least **2 months** after the 2<sup>nd</sup> (additional) dose of the primary series, for a total of **3 doses**
  - 1 Janssen vaccine dose + 1 mRNA vaccine dose +1 booster dose
    - mRNA vaccines are preferred for the booster dose.
  - If the Moderna vaccine is used for the booster dose, a 50 mcg (0.25 ml) dose should be used.

# Janssen Special Situation

- Many recipients of Janssen COVID-19 vaccine may have already received a booster dose (Pfizer-BioNTech, Moderna [50 mcg, 0.25 ml], or Janssen vaccine), without having had the 2<sup>nd</sup> (additional) mRNA vaccine dose.
- In this situation, regardless of type and timing of vaccine received as the 2<sup>nd</sup> dose
  - administer a Pfizer-BioNTech vaccine or a Moderna vaccine (100 mcg [0.5 mL]) as the 3<sup>rd</sup> dose at least 2 months after dose 2.
- Helpful link: <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/covid-19-vaccines-us.html#vaccination-people-immunocompromised>

# Vaccines and Monoclonal Antibodies

- People who previously received antibody products (anti-SARS-CoV-2 monoclonal antibodies or convalescent plasma) as part of COVID-19 treatment, post-exposure prophylaxis, or pre-exposure prophylaxis can be vaccinated at any time;
- **COVID-19 vaccination does not need to be delayed following receipt of monoclonal antibodies or convalescent plasma**