

COVID-19 Vaccine Updates

November 30, 2020

General Updates

- Those who have already had COVID will **still get the vaccine** in the same priority as those who have not
- Most commonly reported side effects: sore arm, injection site erythema, fatigue, mild fever, muscle aches
 - There is a reported higher rate of side effects than that of the flu vaccine; however, side effects typically appear in the first few hours after vaccination and resolve within 24 to 36 hours
- \$3-37/dose; Fee-for-service

Pfizer (BNT162b2)

- 95% efficacy
 - 94% in adults over age 65
- No serious safety concerns observed
 - Fatigue 3.8%, Headache 2%
- 2 doses 3 weeks apart
 - **Effective against COVID-19 beginning 28 days after the first dose**
- Planning to submit for emergency use authorization (EUA) in days
- **Maintain temperature conditions of -70°C (-94°F)**
 - This may be temporary, more research being done for storage at higher temperatures
- \$19.50/dose

Moderna (mRNA-1273)

- 94.5% efficacy
 - Studies had larger numbers of participants at higher age and risk
- Stable at -20° C (-4°F) for up to six months, at **refrigerated conditions for up to 30 days** and at room temperature for up to 12 hours.
- No serious safety concerns observed
 - **More side effects after 2nd dose**: Fatigue (9.7%), myalgia (8.9%), arthralgia (5.2%), headache (4.5%), pain (4.1%) and erythema/redness at the injection site (2.0%)
- 2 doses
- Planning to submit for EUA today, 11/30/2020
 - If granted, vaccine may be administered as early as **December 21**
- \$32-37/dose

Astra Zeneca (AZD 1222)

- Investigation was previously halted due to significant side effects, has since resumed
- 90% efficacy
- 2 doses
- \$3-4/dose

Johnson and Johnson (JNJ-78436735)

- Investigation was previously halted due to significant side effects, has since resumed
- 1 dose and 2 dose regimens being investigated
- \$10/dose

Operation Warp Speed

- Collaboration of the DOH and DOD for rapid dissemination of the vaccine once available
- McKesson for distribution
 - FedEx and UPS also assisting

CVS/Walgreens

- End to end management of distribution to LTC, AL
 - Will assist with: Supplies, Consent, Storage, Reporting, Tracking, Facility

What can facilities to do prepare:

- Start getting consent when available
- Education staff on vaccinating the demented patient
- Dispel myths among residents/patients/staff/families

For more information:

- [10 Things Healthcare Professionals Need to Know about U.S. COVID-19 Vaccination Plans](#)
- [Operation Warp Speed](#)
- [Talking to Patients about COVID-19 Vaccines](#)
- [Making a Strong Recommendation for COVID-19 Vaccination](#)