**Title**: Covid-19 Vaccination

**Presenter:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Audience**: Staff, Residents, Resident Representatives

**Materials:** Handout(s) including Vaccine Fact Sheets, CDC FAQ Sheets

**Time:15-30 minutes**

**Lesson Plan Objectives:**

At the completion of this in-service learners will be able to

1. Explain risks/benefits of getting a Covid-19 vaccine
2. Identify vaccines that are approved for Emergency Use Authorization (EUA) in the U.S. and their effectiveness against SARS COV 2 infection
3. Discuss side effects of Covid-19 vaccines
4. Identity instances where Covid-19 vaccine is contraindicated
5. Debunk common misconceptions about Covid-19 vaccines

**Lesson Content**:

1. **Risks/Benefits of Covid-19 vaccines**
2. Risks

* Severe, potentially life-threatening allergic reaction (anaphylaxis)

1. Benefits

* The vaccine will protect you and the people around you
  + Prevents you from spreading the virus to others
* The vaccine will protect you from getting seriously ill or dying if you do get Covid-19
* They are safe

1. **Approved Covid-19 vaccines in the U.S.**
2. Janssen (Johnson & Johnson)

* Approved for people age 18 and older
* Requires only one injection
* 66% effective inn preventing the Covid-19 virus with symptoms; 85% effective at preventing severe disease with the Covid-19 virus

1. Pfizer BioNTech

* Approved for people age 12 and older
* Requires 2 injections given 21 days apart
  + The 2nd dose may be given up to 6 weeks after the 1st dose
* 95% effective in preventing the Covid-19 virus with symptoms

1. Moderna

* Approved for people age 18 and older
* Requires 2 injections given 28 days apart
  + The 2nd dose may be given up to 6 weeks after the 1st dose
* 94% effective in preventing the Covid-19 virus with symptoms

1. **Side effects of Covid-19 vaccines**
2. Common

* Pain, redness or swelling at the injection site
* Fever
* Fatigue
* Headache
* Muscle pain
* Chills
* Joint pain

1. Rare

* Severe allergic reactions (anaphylaxis)
* Myocarditis and pericarditis in adolescents and young adults (Pfizer & Moderna)
* Serious blood clotting disorder (J&J) in women younger than age 50

1. **Contraindications for Covid-19 vaccines**

* Severe allergic reaction (anaphylaxis) after a previous dose or to a component of the Covid-19 vaccine
* Immediate allergic reaction of any severity to a previous dose or known (diagnosed) allergy to a component of the vaccine

1. **Common misconceptions of Covid-19 vaccine**

* I’m healthy so I don’t need to get vaccinated
  + Even people who are young and healthy can become infected with the virus and can spread the virus to others
* The vaccine causes infertility in women
  + There is no evidence that fertility problems are a side effect of any vaccine, including Covid-19 vaccines
* The vaccine will alter my DNA
  + The vaccines do not change or interact with your DNA in any way
* I can get Covid-19 infection from the vaccine
  + None of the authorized Covid-19 vaccines cause you to test positive for Covid

**References**

CDC (Updated 4/12/2021). Benefits of Getting a Covid-19 Vaccine. <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/vaccine-benefits.html#:~:text=COVID%2D19%20vaccination%20will,having%20to%20experience%20sickness>

CDC (Updated 5/14/2021). Interim Clinical Considerations for Use of Covid-19 Vaccines Currently Authorized in the United States. [Interim Clinical Considerations for Use of COVID-19 Vaccines | CDC](https://www.cdc.gov/vaccines/covid-19/clinical-considerations/covid-19-vaccines-us.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fvaccines%2Fcovid-19%2Finfo-by-product%2Fclinical-considerations.html#Coadministration)

CDC (Updated 5/24/2021). Myths and Facts about Covid-19 Vaccines. <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/facts.html>

CDC (5/27/2021). Myocarditis and Pericarditis Following mRNA Covid-19 Vaccination. <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/myocarditis.html>

CDC (5/27/2021). Selected Adverse Events Reported After Covid-19 Vaccination. <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/adverse-events.html>