# COVID-19 Vaccines: Where We Stand Project ECHO

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### How do mRNA Vaccines Work?





# Inactivated Viral Vectors: AZ and J&J



Source: The New York Times





# Is One Dose Enough?



## **Special Populations**

- Pregnancy/Breast-feeding
- Immunocompromised
- Previous COVID-19 monoclonal antibody treatment/plasma
- Previous COVID-19 infection
- Immunocompromised
- Allergy history
- Other vaccines

# Side Effects

#### **Common/Expected**

- Fatigue
- Fever
- Headache
- Myalgias
- Arthralgias
- Lymphadenopathy
- Diarrhea
- Allergic Reaction

#### **Reports (?Background Rate)**

- Parasthesia
- Bell's Palsy
- Possible case ITP

#### • EXPECT MORE REPORTS AS WE VACCINATE SICKER POPULATIONS

# How is Colorado Doing?

- Top 10 states in terms of doses received vs used
- 50% to hospitals, 20% FHQC, 10% LPHA
- Hospitals taking lead in 70+
- LPHAs taking lead in Phase 1B HCW, first responders



## Key Take Home Messages

- Cannot get COVID from the vaccines
- Supply in CO is very limited so reaching all 70+ will take time
- Learning more about side effects, no major surprises so far
- Multiple logistical and implementation barriers yet to be solved
- Equitable allocation reaching all people AND all neighborhoods
- Despite multiple discussions best recommendations remain 2 dose regimen (Pfizer – 21 days apart. Moderna – 28 days apart)