

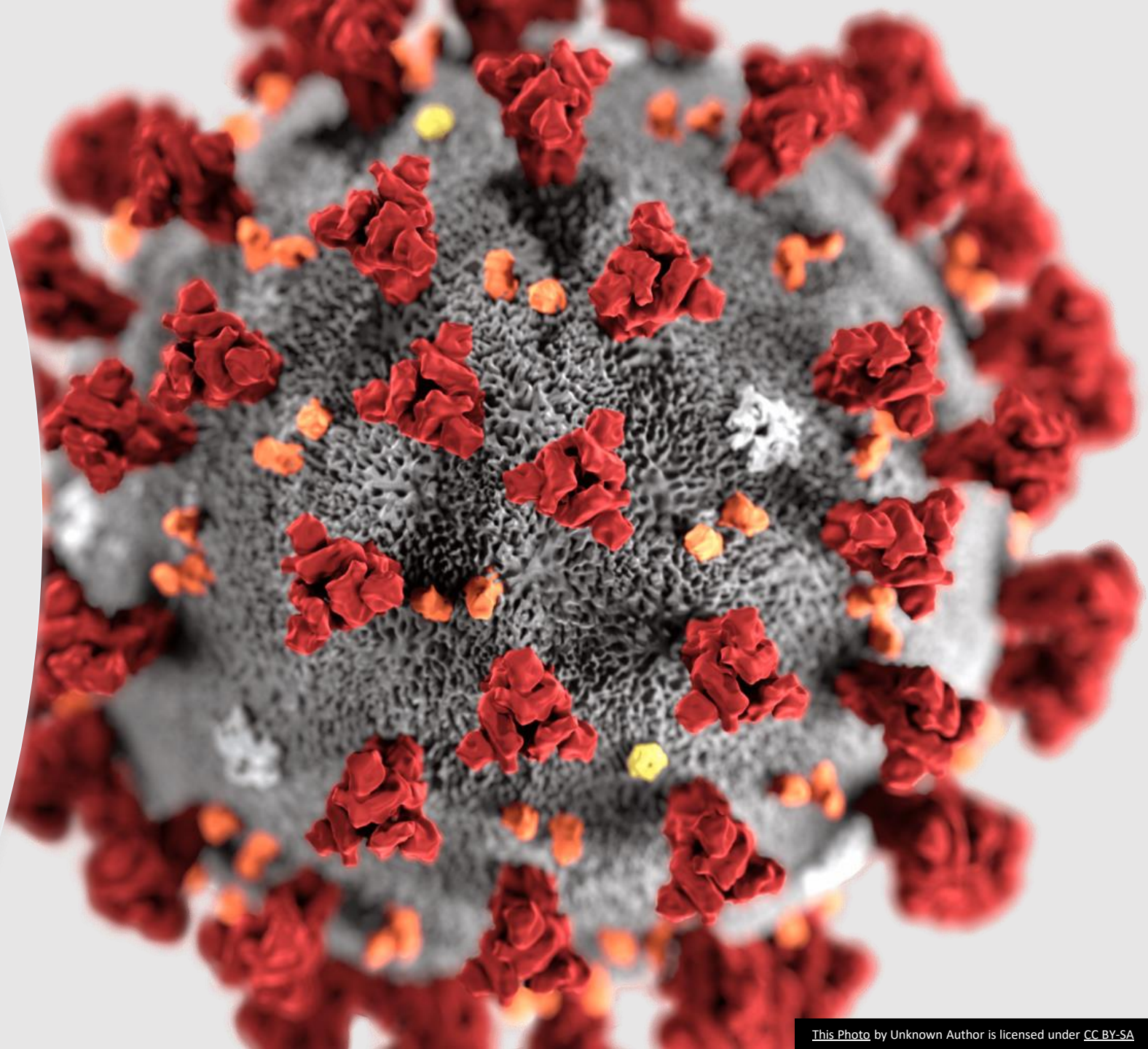


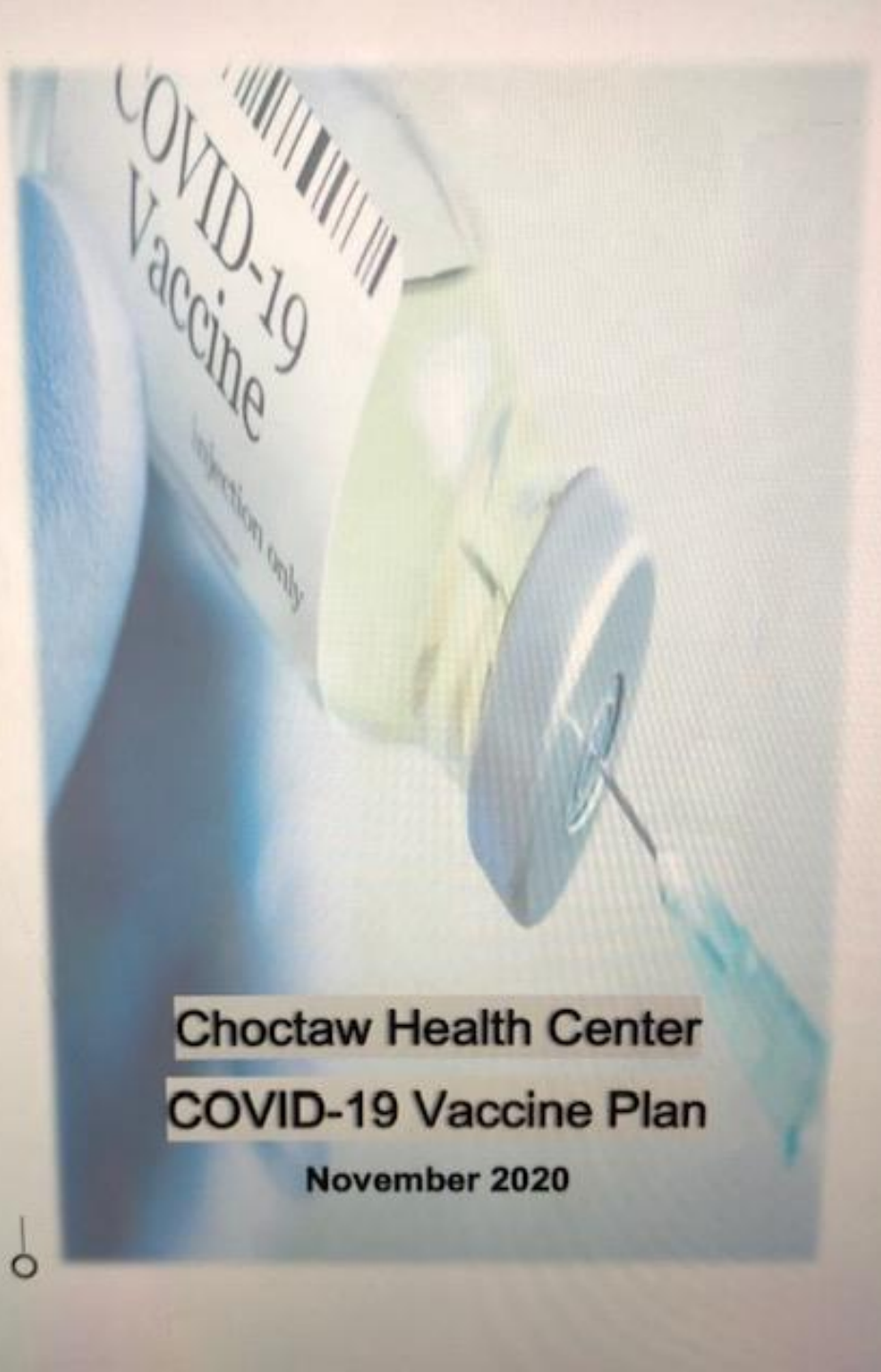
# Choctaw Health Center

## COVID-19 VACCINATION

Kerry M. Scott, DO, MBA, FACOFP  
Interim Chief Medical Officer

CHC COVID VACCINE TASK FORCE





# Where We Started

- We participated in numerous informational sessions about COVID vaccines and was able to collaborate with Indian Health Services on vaccine acquisition and distribution.
- CHC developed the COVID-19 Vaccine Task Force to help lead and coordinate the vaccination efforts for the tribal community.
- Following the guidelines from the CDC, IHS, and ACIP, we were able to develop a Phase Vaccination Distribution plan to employ once vaccines were received.
- We continuously monitored the progress of COVID vaccine clinical trials and requests for FDA approval for emergency use authorization.





# Getting Prepared

In preparation of receiving and storing the Pfizer COVID-19 vaccine we procured an ultracold freezer



Arrival of the first  
vaccine doses at  
Choctaw Health Center

Team members waited late into the evening hours to  
receive the first shipment of Pfizer COVID vaccine



# COVID -19 VACCINE PHASE DISTRIBUTION

For more information call CHC COVID Hotline 601-389-4118 or CHC Telehealth 601-389-4313

Distribution groups and timelines of phases shown are tentative. This information is subject to change due to future vaccine distribution guidance & recommendations, FDA approval of additional vaccines, and vaccine allocation/availability.

# Phase I A Prioritization: Limited Availability

- Healthcare and First Responders
- Residents of Long-Term Care Facilities (supplied by CVS/Walgreens)



Resource: [CDC.GOV](https://www.cdc.gov)

Resource: [IHS.GOV](https://www.ihs.gov)



# Phase I A Prioritization: Limited Availability

- Healthcare and First Responders
- Residents of Long-Term Care Facilities (supplied by CVS/Walgreens)



# Phase I A Prioritization: Limited Availability and Start of 1B

## Vaccinations

**12/16/2020: 100 doses received from CHC supply at Cherokee**

### **Vaccination Drives: (Prime)**

12/17/2020: 50 vaccinations given

12/18.2020: 50 vaccinations given

***Remaining doses available: 0***

**12/20/2020: 145 doses received from CHC supply at Cherokee**

### **Vaccination Drives: (Prime)**

12/21/2020: 70 vaccinations given

12/22/2020: 75 vaccinations given

**Total Vaccinations Given (12/17/20-12/22/2020): 245**

***Remaining doses available: 0***

**12/22/2020: 975 doses received from Pfizer**

**1/8/2021: 975 doses received from Pfizer**

**245 of remaining CHC doses received from Cherokee**

### **Vaccination Drives : Boosters 1A and Start of Phase 1B**

1/5/2021: 18 vaccinations given (Start of Phase 1B)

1/7/2021: 64 vaccinations given

1/8/2021: 66 vaccinations given

1/12/2021: 144 vaccinations given

**Total Vaccinations Given (1/5/2021-1/12/2021): 292**

***Remaining available as of 1/13/2021: 1903 doses/2= 951.5 doses***





## Next Steps

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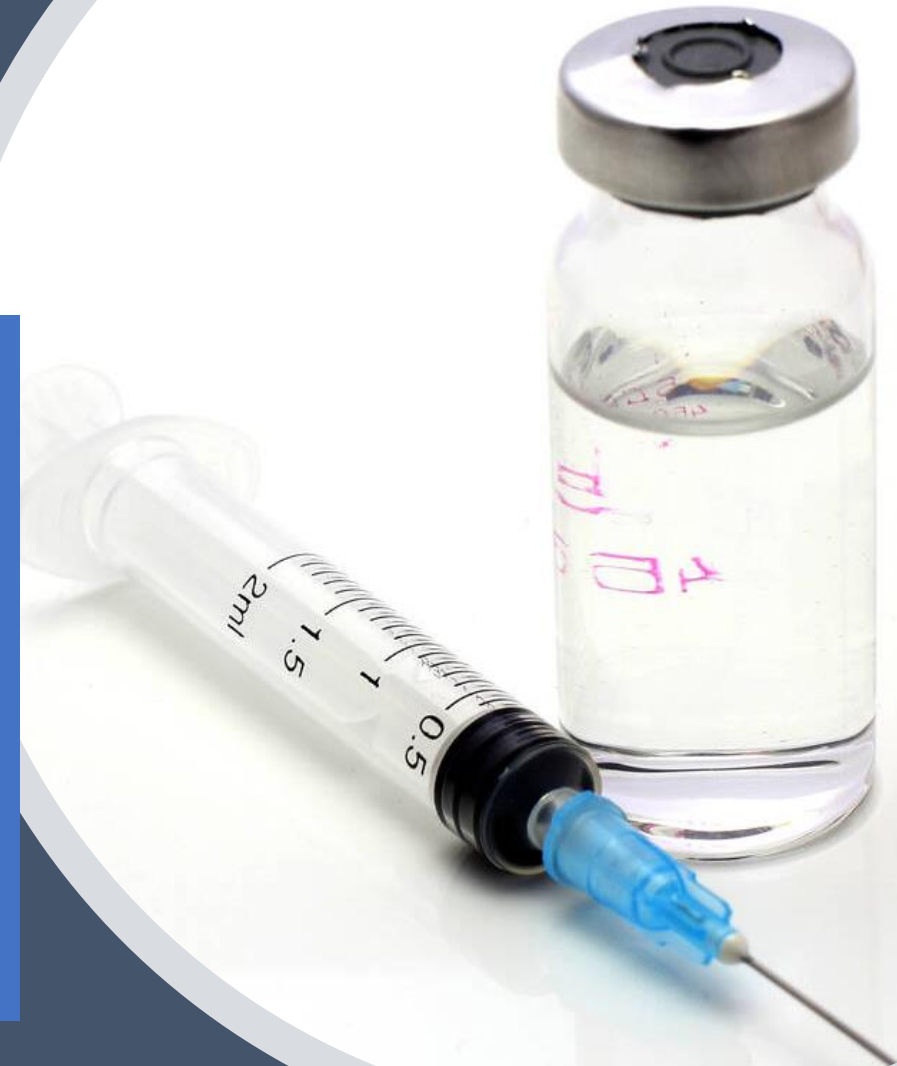
- Scheduling appointments for the next phases of community vaccinations with Public Health
- Bi-weekly updates with IHS
- Evaluating vaccine availability and supplies
- Employ outlying clinical staff to assist with vaccinations
- Community information and vaccination calendar with scheduling information

# Phase I B Prioritization: Limited Availability

## ➤ Essential Workers

Tribal Government, Public Safety, Fire, Security, CTS, Transit, Food and Agriculture, Manufacturing, Correction Facility Workers, Postal Workers, Protective/Social Services, etc

## ➤ Older adults 70 years and older



Resource: [CDC.GOV](https://www.cdc.gov)

Resource: [IHS.GOV](https://www.ihs.gov)

Missed vaccination appointments will be filled due to the time sensitive nature of the vaccine.

# Phase I C Prioritization: Limited Availability

- 57 years and older
- 16 years to 56 years with underlying health conditions
- Other essential workers  
transportation, food service, finance, communications, etc



Resource: CDC.GOV

Resource: IHS.GOV

Once the availability of both Pfizer and Moderna vaccines have been provided, vaccination ability can be more expansive



# COVID-19 Community Vaccination Process



# Criteria for Increased Risk for Severe Illness from COVID-19

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- Cancer
- Chronic Kidney Disease
- COPD
- Down Syndrome
- Heart Disease
- Weakened Immune System/Organ transplant
- Severe Obesity BMI >40
- Smoking
- Type 2 Diabetes
- Hypertension
- Asthma
- Dementia
- Liver disease



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# Current Vaccines Authorized for Use

## Allocated Vaccine: Pfizer COVID-19 Vaccine

- Received FDA Emergency Use Authorization 12/11/2020
- 95% effective
- Authorized for use Ages 16 years and older
- 2 dose vaccine series given 3 weeks apart
- Requires Ultra Cold storage-frozen
- Requires refrigerated temperatures once thawed(2 hr thaw time) stable for 5 days
- Requires reconstitution for use
- **Time sensitive** use once reconstituted (6 hours and must be discarded after that time)

## Allocated Vaccine: Moderna

- Received FDA Emergency Use Authorization 12/17/2020
- 94.5% effective
- Authorized for use Ages 18 years and older
- 2 dose vaccine series given 4 weeks apart
- Does not requires Ultra Cold storage
- Stable in refrigerated state for 30 days
- No reconstitution needed




# Phase I Vaccine Activity

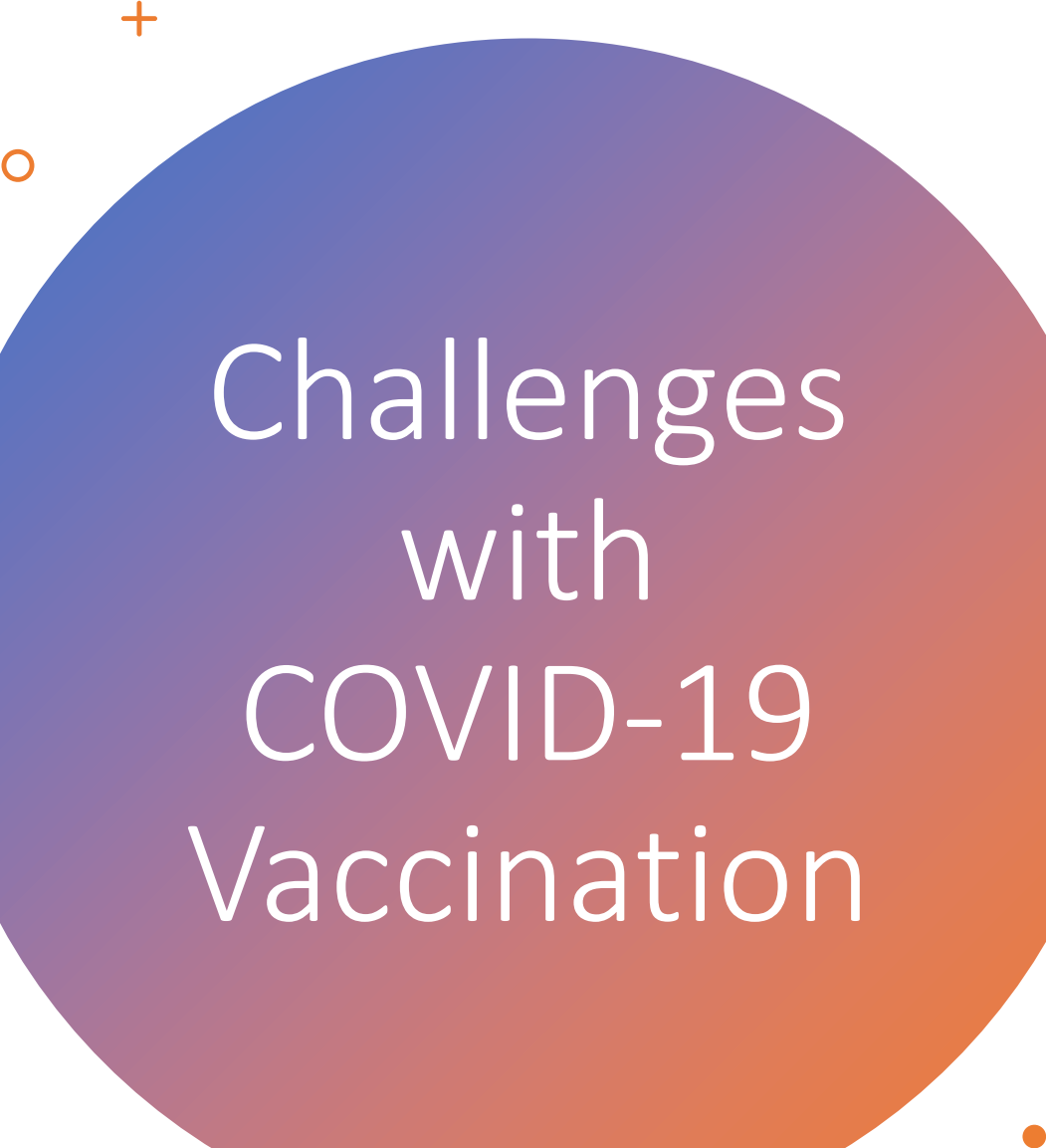
- Total doses of Pfizer given as of 4 PM 3/10/2021: 2714
- Remaining 1<sup>st</sup> doses Pfizer as of 3/10/2021: 0 doses
- Remaining 2<sup>nd</sup> doses Pfizer of 3/10/2021: 168 doses
- Total available Pfizer doses as of 4PM 3/10/2021= 168 doses
- Total Doses of Moderna given as of 3/10/2021= 280 doses
- Remaining 1<sup>st</sup> dose Moderna as of 3/10/2021= 820 doses (400+400+300)
- Remaining 2<sup>nd</sup> dose Moderna as of 3/10/2021= 400 doses
- ***Total Vaccinations given since 12/17/2020=2994  
Daily Rate of Vaccinations: 36.07%***

***Considerations:*** Use staffing from outlying clinics (Bogue Chitto), availability of future vaccines, weather conditions, availability of alternative vaccination areas, patient cancellations




# Challenges with Current Vaccines

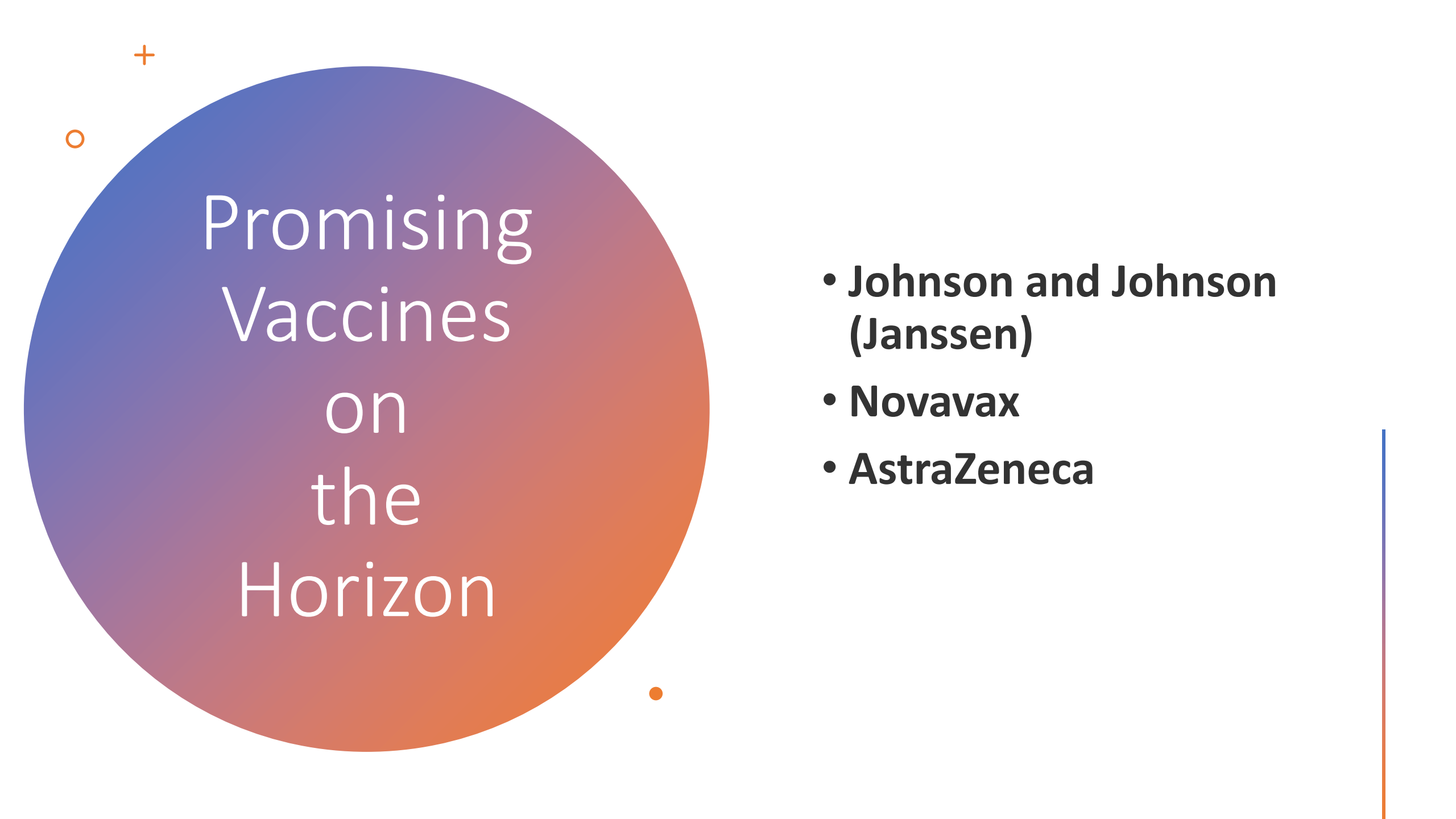
- Requires significant cold chain management
  - Must thaw before use (2 hrs)
  - Requires planning for the number doses scheduled
  - Requires reconstitution before use
  - Must be discarded 6 hours after reconstitution if not used
  - Sensitive to direct sunlight
  - Large number of doses per vial
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# Challenges with COVID-19 Vaccination

- Vaccine hesitancy/fear
  - IHS currently controls vaccine allocations which are currently determined by Operation Warp Speed/ no portal available to order needed vaccines
  - Requires significant manpower resources
  - Currently 2-dose vaccination available
  - Call centers overwhelmed state and nationwide
  - Patient cancellations/no-shows
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# Promising Vaccines on the Horizon

- **Johnson and Johnson (Janssen)**
- **Novavax**
- **AstraZeneca**

# Future Vaccination Plans

- Phase 2 Eligibility- 18 years and older
- Mass Vaccination Events
- Community Vaccination Drives
- Mobile Medical Unit

