



Ministry of Health
Directorate General For Disease Surveillance and Control
Department of Communicable Disease Control



التحصين وقاية
Immunization is Prevention

NATIONAL COVID-19 VACCINATION ROLLOUT STRATEGY

May 2021

1. Background

In March 2020, the World Health Organization (WHO) declared the COVID-19 outbreak a pandemic. Many elements needed to mitigate the spread of the current global COVID-19 pandemic. One of the most effective way for curbing the trend of the pandemic and protecting the most vulnerable from the severe form of the disease is to vaccinate specific risk group populations against COVID-19 disease.

A vaccine to prevent COVID-19 is perhaps the best hope for ending the pandemic. It is broadly accepted that vaccines can play a key role in limiting the impact of a COVID-19 pandemic. Consequently, the deployment of vaccine and vaccination with COVID-19 vaccine is a critical element of this pandemic preparedness and response.

The national Immunization committee discussed and reviewed the country situation based on the epidemiological data analysis and pattern of age distribution of reported COVID-19 cases and then concluded that additional target groups for vaccination as a priority were selected to reduce the morbidity and mortality.

The limited supplies of vaccine and its staggered delivery forced to use a step-wise approach and sequence the population in priority order for pandemic COVID-19 vaccination. Selecting a certain group to begin vaccination to minimize the effect of a pandemic (morbidity & mortality) which can be ethically justified in public health.

This immunization campaign is conducted on behalf of the Ministry of Health (MoH) and the campaign plan will be implemented by the governorate counterpart. Conducting the immunization campaign efficiently requires proper planning, implementation and coordination at all levels.

2. Aim of COVID-19 vaccination

To carryout nationwide campaign starting from 1st June 2021 by using two doses of COVID-19 vaccine.

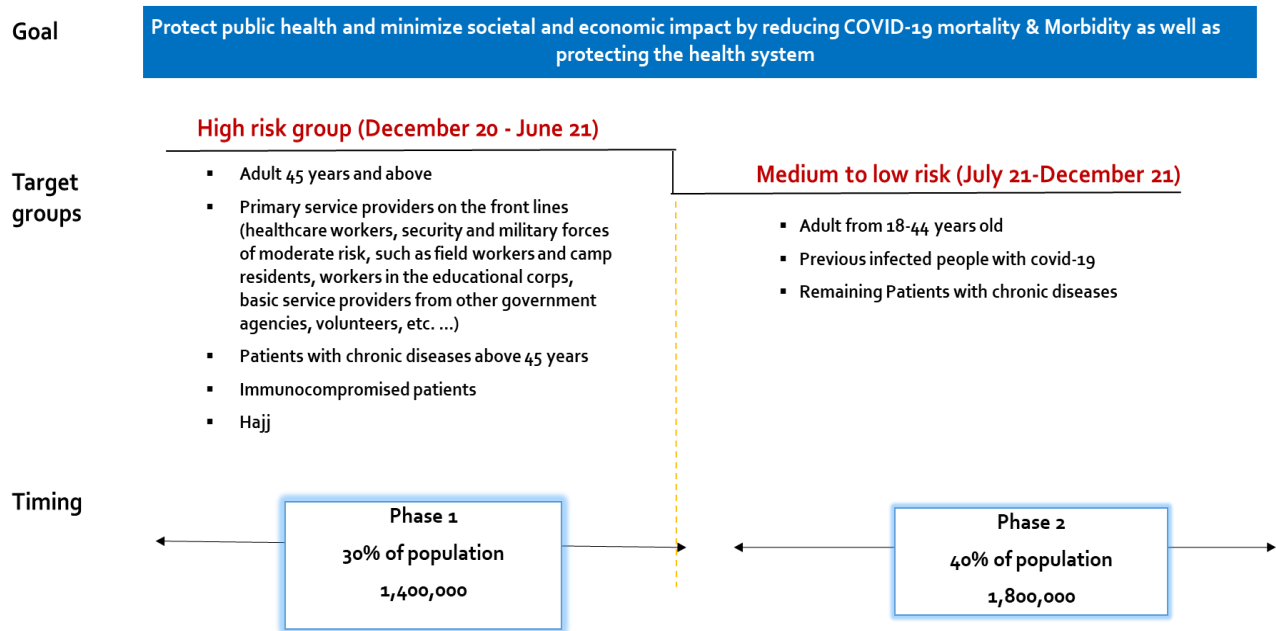
3. Date of COVID-19 vaccination

The campaign will be conducted in all governorates from June – December 2021.

4. Target group

Target groups for vaccination: After series of deliberations, the national committee on immunization in Oman has agreed to include following categories as groups for the campaign.

COVID-19 vaccine allocation strategy for the target groups



➤ Target groups already covered:

- People 60 years of age and above
- Health care workers
- Acute and moderate chronic respiratory disease
- Chronic kidney disease (renal dialysis)

➤ Remaining targets expected to be covered:

- Target population for vaccination will be based on MoH announcement stage based and pre-vaccination registration

➤ **Expected Coverage of all targets:**

- In order to address the identified immunity, the target is to achieve at least \geq 95% coverage

5. COVID-19 campaign settings

- Government and private health care facilities
- Community Vaccination Centers (CVC) such as Exhibition centers, Sports stadiums, Malls, Schools which already used in the election, Army, ROP and other camps including private

6. COVID-19 vaccine strategy

➤ **Fixed unit:**

At all health care facilities in both MoH and private such as:

- Hospital OPD, A&E and inpatient wards
- All primary health care institutions
- Exhibition centers
- Sports stadiums
- Schools

➤ **Outreach fixed station:**

- Hall in governmental entities/malls
- Public majles
- Airports/ground crossing

➤ **Mobile team:**

- People not able to reach fixed unit
- Some government and private office/companies

Examples of target groups and vaccination strategies	
Target Groups	Vaccination Strategies
Essential service providers, such as health-care workers including private, military staff, service providers in all Governmental entities, Teachers	Fixed/ Outreach
Vital sector: such as Oil and Gas Sector and Private Sector	Fixed/ Outreach
Healthy adults aged 45 years and above, Hajji and Musandam Population	Fixed/ Outreach
Elderly/difficult to reach the health institution or vaccination center	Mobile/Fixed

Note:

- The vaccination is given as inpatient services for admitted patients from the target group
- The governorates to adopt any one or multiple COVID-19 vaccine strategies from the above listed depending on the local situation

7. The framework of COVID-19 campaign activities

The DGDSC will oversee the implementation of the campaign. Efficient immunization campaign requires proper planning, implementation and coordination at all levels.

<i>Period</i>	<i>Activities</i>	<i>Time</i>
<i>Pre - implementation Activities</i>	<ul style="list-style-type: none"> ○ Planning ○ Meeting and communication ○ Training ○ Cold chain and logistics ○ Advocacy and social mobilization activities ○ Pre-campaign review and supervision ○ Campaign budget 	May 2021
<i>Implementation Activities</i>	<ul style="list-style-type: none"> ○ Launching ceremony ○ Campaign supervision and monitoring 	June – Dec 2021

<i>Post - Implementation Activities</i>	<ul style="list-style-type: none"> ○ Post campaign evaluation ○ Final report ○ Coverage survey 	Q1 2022
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8. Roles and responsibilities at governorate

The field implementation of the campaign will be done at the governorate level. All campaign related information will be compiled at the governorate headquarter and reported to the DCDS. The collaboration and coordination between all the responsible people are highly appreciated throughout the campaign.

Concerned people	Responsibility
Governorate DGHS	<ul style="list-style-type: none"> - Provide adequate resources for implementation - Plan regional health awareness campaigns - Advocacy, community engagement, communication and social mobilization - Conducting campaign - Daily reporting to DGDSC - Supervision and coordination the vaccination site - Mop-up activities, post campaign monitoring and evaluation - Data compilation
Director, Department of Disease Surveillance and Control	<ul style="list-style-type: none"> - Overall responsible in the governorate and respective Wilayat and ensure that successful campaign is conducted - Training all healthcare worker and volunteer that will be included in carry out the campaign - Ensure clear communication to the community that vaccination will be done based on targeted group - Supervision and coordination of the vaccination site - Mop-up activities, Post campaign monitoring and evaluation

Director, Primary Health Care	<ul style="list-style-type: none"> - Provide human resource (doctor, staff and other HCWs) - Make sure ambulance and emergency trolley is available in each site
Epidemiology/data base support	<ul style="list-style-type: none"> - Generate daily statistics and data analysis - Monitor Tarassud+ data
Immunization supervision at governorate	<ul style="list-style-type: none"> - Receive and issue equipment, supplies and vaccines - The Governorate immunization Supervisor should co-ordinate all activities of this Immunization campaign in the Region. The report on vaccine coverage in each priority group in the Region should be submitted to the DGHS - Assess cold storage capacity and ensure adequate storage for vaccines - Plan for transporting vaccine from Central Vaccine Store - Maintain records for receiving and utilization for vaccine - Train other vaccinators staff - Receiving the technical consulting
Administration directorate	<ul style="list-style-type: none"> - Provide logistic support including: <ul style="list-style-type: none"> • Transport • Fridge if needed • Provide bed • Provide laptop/computer • Provide mobile phone • snacks
Medical supply	<ul style="list-style-type: none"> - Provide all medical and surgical items needed in the campaign - Make sure the safety stock weekly - Receive any complain about the quality of items
Nursing Directorate	<ul style="list-style-type: none"> - Make sure enough staff in each site - Make duty roster in each shift

	<ul style="list-style-type: none"> - Provide staff in emergency situation (staff sick or faced any circumstances) - Following the immunization site
Health Educator	<ul style="list-style-type: none"> - Educate community on the vaccine benefits - Provide health education to the vaccination site - Participate on precaution measure awareness
Social Mobilization Coordinator	<ul style="list-style-type: none"> - Promoting similar effective, key messages and high-quality information at all levels, while using local channels for dissemination - Developing and using messages linked to priorities of targeted individuals and groups - Using central level activities where appropriate to avoid overlap and duplication

9. Social Mobilization

The objective of social mobilization activities is to ensure appropriate awareness, so that eligible people seek and accept the service.

➤ Social Mobilization Planning

A national social mobilization plan for campaign should be developed immediately after obtaining policy-level commitment and consensus among key stockholders. The social mobilization plan describes specific activities and tasks, as well as dates and people responsible. The content of the plan should address the following questions:

- Who needs to be aware?
- What information needs to be released?
- How will information reach the groups targeted?

➤ Recommended social mobilization activities for successful CAMPAIGN

- Develop and disseminate simple key messages

- Prepare and selectively disseminate high-quality information on the benefits and contraindication associated with vaccination
- Prepare information in advance for possible adverse publicity or rumors
- Prepare and distribute written materials
- Prepare and distribute a broadcaster's guide
- Involve the mass media at all levels
- Prepare and conduct an opening ceremony
- Coordinate with provinces and districts
- Seek community participation
- Prepare and conduct a closing ceremony
- Summary of communications strategies that support the success of an campaign (*Annexure 1*)

➤ **Communication and media management**

- Overall political commitment to immunization and specifically COVID-19
- Overview of the national communication system and networks for media and community outreach networks and their capacity
- Key stakeholders for immunization, indicate if data exist on general knowledge, attitudes and practices for immunization in general and /or measles in particular and if gap exist how, it will be completed
- List the key materials that can be prepositioned during the SIAs

10. Documentation & Reporting

- Candidates have to register for vaccination as per the criteria through **pre-registration electronic system** (Mobile Application) and sign the consent form
- Immunization documentation will be done through website system address- **tarassud.moh.gov.om**. This web site can be utilized by MoH and private institute.
- Record covid-19 vaccine details
- Explain to the clients where he can find his certificate through Tarassud application
- Report on time Coverage
- Monitor the uptake and adverse event following immunization (AEFI)

11. Post Implementation

Post campaign coverage surveys provide an opportunity for validation of the administrative coverage results. These coverage surveys is an independent team not linked to the campaign, and will be conducted within one month of the completion of the campaign. The traditional EPI cluster survey methodology is used for this purpose. Post Campaign Monitoring and evaluation at least one- two weeks after the campaign implementation to ensure all targeted population was covered during the campaign.

- **Post Campaign evaluation**
 - **Post campaign evaluation**
 - **Contents of final report - *Annexure 2***
 - **Coverage survey**

12. Monitoring and Evaluation

Monitoring and evaluation are crucial parts of any health plan. It refers to the continuous observation and collection of relevant data and analyzing the data to meet the objectives. The key performance indicators are essential to monitor the progress of the program, as well as to identify areas of changes needed in order to achieve the proposed objectives.

- **The Supervision is through**
 - Preparedness of vaccine center
 - Training
 - Staff and other's HCW

- **The monitoring is through:**
 - The implementation of the plan and progress
 - Vaccine site with all equipment
 - Supply chain, cold chain, storage capacity, logistics, resources and waste management
 - Record for receiving and utilization of vaccine
 - Emergency plan

- IT support
- AEFI reporting and management
- Daily data statistic and analysis
- Immunization coverages is key, especially in mass campaign involving adult and specific target population

➤ **The evaluation is through**

- Safety and effectiveness of the vaccine
- Community acceptance for the vaccine
- Strength and limitation in implant the camping
- Impact of the campaign among target and general population
- Immunization coverages reach the target.
- Reviewing reports, communications records, and staff performance for pre final submission.

Use supervision, monitoring and evaluation checklist as per the national deployment plan.

Annexure 1

Table. Summary of communications strategies that support the success of a COMPAIGN

<i>Advocacy</i>	Activities targeted at different levels prior to the COMPAIGN, designed to foster political support, generate and sustain adequate resources, build partnerships with national and governmental stockholder
<i>Social Mobilization</i>	Broad-scale activities to engage with community, aiming to disseminate information and generate demand, often utilizing community groups and leaders to assist in reaching to the goal of the campaign
<i>Community Engagement</i>	A participatory dialogue with community leaders to understand and resolve barriers to access and uptake, facilitate involvement in microplanning, and establish local mechanisms for tracking and follow-up of eligible target
<i>Communication for Behavior and Social Change</i>	Activities are intended to promote vaccination as a norm and duty, and inform and motivate all caregivers to vaccinate every eligible person. Efforts here should be informed by a research-based process of addressing knowledge, attitudes, behaviors and practices

Annexure 2

Contents of the Final Report

Summary

1. Introduction

- 1.1 General Profile
- 1.2 Total No. of people
- 1.3 No. of target population
- 1.4 No. of vaccinated in targeted population

2. Preparatory activities:

- 2.1 Micro planning
- 2.2 Training
- 2.3 Cold chain & Logistics
- 2.4 Advocacy & Social mobilization
- 2.5 Pre campaign supervision

3. Implementation activities:

- 3.1 launching ceremony
- 3.2 Campaign supervision

4. Results

5. Monitoring and evaluation

6. Strengthens

7. Weakness

8. Lessons Learn

9. Recommendations

10. Annexes