



भारत सरकार
स्वास्थ्य एवं परिवार कल्याण मंत्रालय
निर्माण भवन, नई दिल्ली - 110011

GOVERNMENT OF INDIA
MINISTRY OF HEALTH & FAMILY WELFARE
NIRMAN BHAVAN, NEW DELHI - 110011

डॉ. मनोहर अगनानी, भा.प्र.से.
अपर सचिव

DR. MANOHAR AGNANI , IAS
Additional Secretary

DO No. T-22020/14/2020-Imm
Date: 14th January 2021

Dear Sir,

As you are aware that COVID-19 vaccine is scheduled for roll-out in the country on 16th Jaunary 2021 and the States/UTs have already received vaccines for the same.

In this regard, a comparative factsheet for both the vaccines that will be used during the introduction have been prepared which contains information on vaccine platform, physical specifications, dosage, cold chain storage requirements, contraindications and minor AEFIs. A detailend note on contrainidcations and special precautions has also been prepared and is enclosed.

You are requested to kindly disseminate the above mentioned documents to Programme Managers across all levels and through them to cold chain handlers and vaccinators for ready reference.

Enclosure: As above

with kind regards,

Yours sincerely,

14/01/2021

(Dr. Manohar Agnani)

To,

Additional Chief Secretary/Principal Secretary/Secretary, Health & Family Welfare
All States/UTs

Copy to:

1. Mission Director, NHM, All States/UTs
2. State Immunization Officers, All States/UTs

Precautions and Contraindications for COVID-19 Vaccination

1. **Authorized Age Group:** Under the EUA, COVID-19 vaccination is indicated only for 18 years and above.
2. **Co-administration of vaccines:** If required, COVID-19 vaccine and other vaccines should be separated by an interval of at least 14 days
3. **Interchangeability of COVID-19 Vaccines** is not permitted: Second dose should also be of the same COVID-19 vaccine which was administered as the first dose.

Contraindication

1. Persons with history of:
 - Anaphylactic or allergic reaction to a previous dose of COVID-19 vaccine
 - Immediate or delayed-onset anaphylaxis or allergic reaction to vaccines or injectable therapies, pharmaceutical products, food-items etc.
2. Pregnancy & Lactation:
 - Pregnant & Lactating women have not been part of any COVID-19 vaccine clinical trial so far. Therefore, women who are pregnant or not sure of their pregnancy; and lactating women should not receive COVID-19 vaccine at this time

Provisional / temporary contraindications: In these conditions, COVID vaccination is to be deferred for 4-8 weeks after recovery

1. Persons having active symptoms of SARS-CoV-2 infection.
2. SARS-COV-2 patients who have been given anti-SARS-CoV-2 monoclonal antibodies or convalescent plasma
3. Acutely unwell and hospitalized (with or without intensive care) patients due to any illness

Special precautions:

Vaccine should be administered with caution in persons with history of any bleeding or coagulation disorder (e.g., clotting factor deficiency, coagulopathy or platelet disorder).

Following conditions are not contraindicated for COVID vaccines

- Persons with a past history of SARS-CoV-2 infection (sero-positivity) and or RT-PCR positive illness
- History of chronic diseases and morbidities (cardiac, neurological, pulmonary, metabolic, renal, malignancies)
- Immuno-deficiency, HIV, patients on immune-suppression due to any condition (the response to the COVID 19 vaccines may be less in these individuals)

Other Important Issues to consider

- Vaccine specific contraindications may apply as the new information becomes available

Comparative Sheet for different Covid-19 vaccines, under Indian Government supply

Indicator	COVISHIELD	COVAXIN
Type of Vaccine	Recombinant COVID-19 vaccine based on Viral Vector Technology	Whole-Virion Inactivated Corona Virus Vaccine
No. of doses in each vial	10	20
Shelf life	6 months	6 months
Expiry date available on vial	Yes	Yes
Vaccine Vial Monitor (VVM)	Not Available	Not Available
Route	Intramuscular (IM) Injectable	Intramuscular (IM) Injectable
Physical Appearance of Vaccine	Clear to slightly opaque, colourless to slightly brown	Whitish translucent
Dose	0.5 ml each dose	0.5 ml each dose
Course	2-doses	2-doses
Schedule	4-weeks apart	4-weeks apart
Vaccination during Pregnancy	Not recommended	Not recommended
Vaccination < 18 years of age	Not recommended	Not recommended
Vaccination to Lactating mother	Not recommended	Not recommended
Storage and transportation	+2 ⁰ C to +8 ⁰ C at all levels	+2 ⁰ C to +8 ⁰ C at all levels
Cold chain storage space in secondary packaging	2.109 cm ³	1.7187 cm ³
Shake test	Not applicable	Not applicable
Open Vial Policy	Not applicable (Discard after 4 hours of opening)	Not applicable (Discard after 4 hours of opening)
Freeze Sensitive	Yes	Yes
Discard the vaccine vial, if found	'frozen' or 'frozen and thawed'	'frozen' or 'frozen and thawed'
Discard the vial, if	Solution is discoloured or visible particles are observed	Presence of particulate matter or other coloration
AEFI	Some mild AEFI may occur like injection site tenderness, injection site pain, headache, fatigue, myalgia, malaise, pyrexia, chills and arthralgia, nausea	Some mild AEFIs may occur like injection site pain, headache, fatigue, fever, body ache, abdominal pain, nausea and vomiting, dizziness-giddiness, tremor, sweating, cold, cough and injection site swelling
AEFI Other	Paracetamol may be used to provide symptomatic relief from post-vaccination adverse reactions	
	Very rare events of demyelinating disorders have been reported following vaccination with this Vaccine without the causal relationship establishment	
	As with other intramuscular injections, COVISHIELD should be given with caution to individuals with thrombocytopenia	
Any other instruction		Shake well, before use Use of Chloroquine and Corticosteroids may impair antibody response.

Packaging details –

Packaging details	Doses		Dimension		Total Volume	
	COVISHIELD	COVAXIN	COVISHIELD	COVAXIN	COVISHIELD	COVAXIN
Primary	10	20			21.09 cm ³	34.37 cm ³
Secondary	500	320	L-18.5 cm, W-9.5 cm, H- 6 cm	L- 10 cm, W-10 cm, H-5.5 cm	1053 cm ³	550 cm ³
Tertiary	3,000	7680	L-31 cm, W-19 cm, H-13.3 cm	L- 41 cm, W-20 cm, H- 18 cm	7833 cm ³	14760 cm ³
Quaternary (A)*	12,000	Not Applicable	L-57.9 cm, W-46.4 cm, H-37cm	Not Applicable	99402 cm ³	Not Applicable
Quaternary (B)	12,000	Not Applicable	L-60 cm, W-48 cm, H-41cm	Not Applicable	1,18,080 cm ³	Not Applicable