

Registry policies on vaccine programs/requirements and policies for donors

Information for healthcare professionals:

- WMDA
- Czech National Marrow Donors Registry (ION-5440)
- Germany ZKRD (ION-6939)
- Italian Bone Marrow Registry (7450)
- Singapore Bone Marrow Donor Programme (ION-3785)
- Switzerland Swiss Registry for Blood Stem Cell Donors (ION-9341)
- United Kingdom
- United States of America NMDP-Be the Match (ION-3553)
- EBMT

Important webpages:

www.apheresis.org/page/covid

WMDA Foundation

WMDA

Click [here](#) for the COVID-19 vaccination guidelines developed by the Donor Medical Suitability Working Group.

WMDA registries

Czech National Marrow Donors Registry (ION-5440)

CNMDR has adopted following preliminary policy for donors after vaccination against COVID:

- mRNA vaccines (Pfizer / BioNTech, Moderna) and protein vaccines (Novavax, Sanofi) – deferral of 7 days after each vaccination dose, provided no relevant side effects occurs.
- Vector vaccines (Astra Zeneca, Johnson & Johnson) – deferral of 28 days after each vaccination dose (a change of opinion after gaining more experience with vaccination cannot be ruled out).
- Information about the donor's vaccination sent to the transplant center

With increasing experience the policy is likely to be modified.

Germany ZKRD (ION-6939)

Germany does currently not have any specific regulation as far as SARS-CoV-2 vaccination and stem cell donation is concerned. The decision if a donor is eligible for PBSC donation after (any) vaccination is generally made by the collection center's physician. They will consider European (<https://www.ecdc.europa.eu/en/publicationsdata/coronavirus-disease-2019-covid-19-and-supply-substances-human-origin>) and WMDA (<https://share.wmda.info/display/DMSR/Vaccination>) recommendations in addition to German national guidelines, but decisions are made individually.

Israel Ezer Mizion Registry Israel Bone Marrow Donor Registry (ION-4987)

- Registry operational information available on: <https://share.wmda.info/x/hRNcAQ>; statement.
- **Update January 27:** please see [attachment](#) for a full update

Italian Bone Marrow Registry (7450)

IBMDR according to the Italian national requirements, applies this policy for COVID-19 Vaccination for Donors:

Deferral period after COVID-19 vaccination

- Donors (selected for TC/Work up and donation) and vaccinated with a vaccin based on weakened/ attenuated form of Sars -COV 2 -> deferral period of (at least) 4 weeks after each vaccin injection
- Donors selected for PBSC or Bone Marrow donation and vaccinated with a vaccin based on mRNA or protein subunits, with no alive virus -> deferral period of (at least) 21 days after injection of the vaccin. This timing refers to the interval between vaccination and start of G-CSF or general anaesthetic for BM donation.
- Donors selected for lymphocyte donation (DLI) and vaccinated with a vaccin based on mRNA or protein subunits, with no alive virus -> deferral period of 3 -7 days (3 days minimum, 7 days recommended) after injection of the vaccin .

COVID-19 vaccination after HPC or MNC donation:

- It is recommended to document a fully recovery of the donor's blood values after the collection before planning the vaccination.

Singapore Bone Marrow Donor Programme (ION-3785)

BMDP guideline for COVID-19 Vaccination for Donors

| Types of Donation | New Guidelines from WMDA – Non Viral vector vaccines |
|---------------------------|---|
| BM collection | Collect <u>no less than 3 days, and where possible 7 days</u> , after vaccination. |
| PBSC collection | Commence G-CSF <u>no less than 3 days, and where possible 7 days</u> , after vaccination. |
| DLI | Collect <u>no less than 3 days, and where possible 7 days</u> , after vaccination. |
| Post donation vaccination | After the donor has fully recovered from the donation. Vaccines based on a <u>virus vector</u> : where available, an alternative vaccine should be used due to the theoretical risk of immune interaction with G-CSF |

Switzerland Swiss Registry for Blood Stem Cell Donors (ION-9341)

Deferral period after COVID-19 vaccination:

- For Swiss donors, the deferral period after COVID-19 vaccination is **7-14 days** (7 days minimum, 14 days recommended). This timing refers to the interval between vaccination and start of G-CSF or general anaesthetic for BM donation. In Switzerland, only mRNA based vaccines are administered.

COVID-19 vaccination after HPC or MNC donation:

- A delay of at least 7 days is recommended after the collection until a planned vaccination.

United Kingdom

- <https://www.transfusionsguidelines.org/dsg/bm/guidelines/coronavirus-vaccination> (bone marrow / PBSC donations)
- <https://www.transfusionsguidelines.org/dsg/cb/guidelines/coronavirus-vaccination> (cord blood donations)

United States of America NMDP-Be the Match (ION-3553)

While we are providing guidelines for the timing of vaccination as it relates to collection and filgrastim administration, any donor who wants or is required to be vaccinated should receive the vaccine when it is available to them.

- **For collection:** If possible, the donor should receive the vaccination more than 72 hours before the proposed collection date.
- **For filgrastim administration:** If possible, the donor should receive the vaccination more than 72 hours before the proposed start of filgrastim to distinguish between possible side effects of the vaccine and filgrastim itself (aches and pains, headaches, etc.).

Read the full notification [here](#).

Other organisations

EBMT

Read [here](#) COVID vaccines document with the results from various vaccines that are currently in use in Europe.