

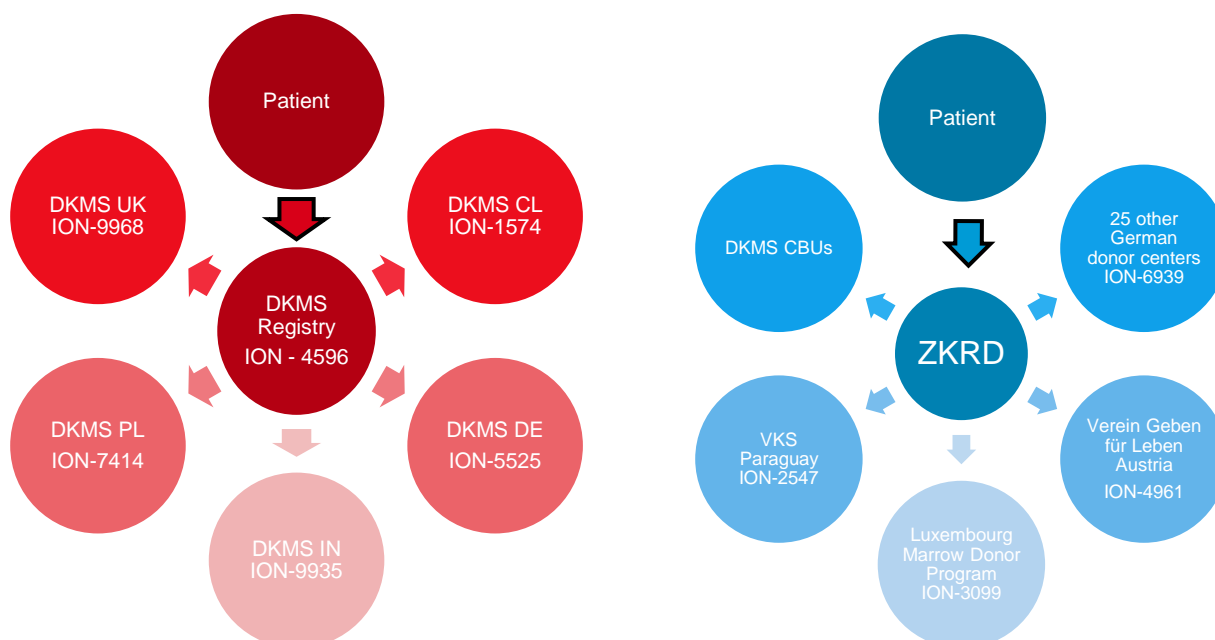
Change in Listing of DKMS Donors: *Technical Details for EMDIS Members*

Overview

The change of the listing of DKMS donors takes place in a two-step process. Since October 21st, 2020 DKMS Registry (HUB DR) is responsible for listing and mediation of donors from DKMS UK in addition to the donors from DKMS Chile and DKMS BMST Foundation India, that are listed by DKMS Registry for a long time. In a second step, DKMS Registry will take over the listing of donors from DKMS PL and DKMS DE starting on April 21st, 2021.

For the donors of the 25 other German donor centers, donors recruited by 'Verein Geben für Leben Austria', 'Luxembourg Marrow Donor Program' and 'VKS Paraguay, Instituto Nacional de Ablación y Trasplante -INAT', there will be no change in the current setting as they will still be listed by the ZKRD (HUB DE).

Contrary to previous announcements, the DKMS Cord Blood Units will remain listed with ZKRD and can be requested unchanged through EMDIS.



IONs, GRID and DONOR_CB messages – Before and after the transition

IONs assigned to DKMS organizations:

The ION assigned to the DKMS Registry gGmbH (HUB DR) is ION-4596, while a new ION has been assigned to DKMS gemeinnützige GmbH Germany: ION-5525.

From April 21st, 2021 DKMS Registry (HUB DR) will list five donor pools:

- DKMS-BMST IN (ION-9935)
- DKMS CL (ION-1574)
- DKMS UK (ION-9968)
- DKMS DE (ION-5525)
- DKMS PL (ION-7414)

- **GRID – Before and after the transition. The GRID of DE-DKMS and PL-DKMS donors will not be affected by the change in EMDIS listing. Donors will keep their assigned GRID.**
- From April 21st, 2021 the GRID assigned to newly registered DKMS DE donors will contain the new ION-5525.
DE-DKMS donors, who have already been assigned a GRID before April 21st, 2021, will keep their GRID which contains the ION of HUB DE (ION-6939).
⇒ As a result, the DKMS DE donor pool will in future be made up of donors, whose GRID starts either with 6939 or 5525.

EXAMPLES FOR GRID OF DIFFERENT DONOR POOLS BEFORE AND AFTER THE TRANSITION

	Before transition (listed by HUB DE)	After transition (listed by HUB DR)
ZKRD DE donor	6939 XYZ0 1234 5678 916	6939 XYZ0 1234 5678 916
ZKRD AT-GFL donor	4961 GFL0 1234 5678 907	4961 GFL0 1234 5678 907
ZKRD LU-MDP donor	3099 LUX0 1234 5678 927	3099 LUX0 1234 5678 927
ZKRD PY-VKP donor	2547 VKP0 1234 5678 919	2547 VKP0 1234 5678 919
DKMS DE donor - recruited before April 21 st , 2021	6939 DKM0 1234 5678 935	6939 DKM0 1234 5678 935
DKMS DE donor - recruited after April 21 st , 2021	n/a	5525 DKM0 1234 5678 905
DKMS PL donor	7414 DKM0 1234 5678 936	7414 DKM0 1234 5678 936
DKMS UK donor	9968 DKM0 1234 5678 916	9968 DKM0 1234 5678 916
DKMS-BMST IN donor	9935 DKM0 1234 5678 927	9935 DKM0 1234 5678 927
DKMS CL donor	1574 DKM0 1234 5678 934	1574 DKM0 1234 5678 934

DONOR_CB messages

- REG_SND for all DKMS donors from the five DKMS donor pools will be 4596 (HUB DR).
- REG_SND for all non-DKMS donors, still listed with ZKRD, will be 6939 (HUB DE)

Particularity of German donors:

- DON_POOL for German Non-DKMS donors will be 6939 (listed with HUB DE)
- DON_POOL of German DKMS donors will always be 5525. However, the donor pool will consist of donors with GRID IDs, that start with either 5525 or 6939.

EXAMPLES FOR DONOR_CB MESSAGES BEFORE AND AFTER THE TRANSITION

		DKMS DE Donor listed via ZKRD with old ION in GRID (until April 21st, 2021)	DKMS DE Donor listed via DKMS with old ION in GRID (starting April 21st, 2021)	DKMS DE Donor listed via DKMS with new ION in GRID (starting April 21st, 2021)	DKMS PL Donor listed via ZKRD (until April 21st, 2021)	DKMS PL Donor listed via DKMS (starting April 21st, 2021)
Sending EMDIS registry	REG_SND	6939	4596	4596	6939	4596
Global registration identifier for donor	D_GRID	6939 DKM0 1234 5678 935	6939 DKM0 1234 5678 935	5525 DKM0 1234 5678 905	7414 DKM0 1234 5678 936	7414 DKM0 1234 5678 936
Physical location of the donor	DON_POOL	6939	5525	5525	7414	7414
Donor attribute	DON_ATTR	DKM	-	-	-	-

EXAMPLES FOR UNCHANGED DONOR_CB MESSAGES

		Donors listed via ZKRD (ongoing)				Donors listed via DKMS (ongoing)		
		ZKRD DE	ZKRD AT-GFL	ZKRD LU-MDP	ZKRD PY-VKP	DKMS CL	DKMS BMST IN	DKMS UK
Sending EMDIS registry	REG_SND	6939	6939	6939	6939	4596	4596	4596
Global registration identifier for donor	D_GRID	6939 XYZ0 1234 5678 935	4961 GFL0 1234 5678 907	3099 LUX0 1234 5678 927	2547 VKP0 1234 5678 919	1574 DKM0 1234 5678 934	9935 DKM0 1234 5678 927	9968 DKM0 1234 5678 916
Physical location of the donor	DON_POOL	6939	4961	3099	2547	1574	9935	9968
Donor attribute	DON_ATTR	XYZ	-	-	-	-	-	-

What will happen around the day of transition?

Before April 20th, 2021

- HUB_DE starts sending DONOR_CB messages including additional Non-DKMS donors. During this time, the search reports from HUB DE will contain more than the in P_MAX_DON_* requested number of donors but will only contain donors who fulfill the matching criteria. This is done to avoid too many search report updates after April 21st, 2021 for all active EMDIS searches (from HUB DE) in short time period.

On April 20st, 2021

- HUB DE will send repeat search results for DE-DKMS and PL-DKMS donors for the last time.
- HUB DE will not send any messages reflecting the deletion of DKMS donors. However, HUB DE will stop sending any DONOR_CB messages for these DKMS donors.
- All requests or reservations for DE-DKMS and PL-DKMS donors, that are already running or are valid on April 20th, will remain with HUB DE and will be completed there.

On April 21st, 2021

- HUB DR will start sending search results including DE- and PL-DKMS donors, for whom there is no running request or reservation at HUB DE.

After April 21st, 2021

- If HUB DE will receive a request for a DE- or PL-DKMS donor via EMDIS, it will send a message denial with a note, that the donors can be requested from HUB DR instead.

How will requests for DKMS donors already running on April 20th, 2021 be handled?

- Requests, that are already running on April 20th at HUB DE will not be cancelled, but will be completed at HUB DE. However, HUB DE will not continue to send any donor updates for these donors.

Note: Donors with running **TYP-**, **IDM-**, or **SMP-**requests will not be updated anymore, as neither HUB DE nor HUB DR will send updates for these donors as long as the request is running or a reservation is valid at HUB DE.

- If an already existing request for a DE- or PL-DKMS donor is completed at HUB DE, a **TYP_RES**, **IDM_RES** or **NO_RES**-message will be sent along with a **DONOR_CB** message subsequently to the result message.
- Reservation extension requests will still be accepted by HUB DE and will be forwarded to HUB DR.
- After completion of a **TYP-** or **IDM-**request at HUB DE, HUB DR will send a **DONOR_CB** message for the donor to all connected EMIDS HUBs on the same day.
- After completion of a **SMP-**request, HUB DR will not send **DONOR_CB** messages until the reservation of the donor has expired. HUB DR will start sending **DONOR_CB** message of the donor to all connected EMDIS HUBs only after expiry of the donor's reservation.
- Workup requests for DKMS donors after a completed sample request should always be sent to DKMS Registry by email to workup@dkmsregistry.org.

EMDIS messages:

- The following request related EMDIS messages will still be sent by HUB DE: **TYP_RES**, **IDM_RES**, **NO_RES**, **RES_REM**, **SMP_ARR**, **SMP_INFO**, **MSG_DEN**, and **WARNING**.
- The following request related EMDIS messages are still accepted by HUB DE: **SMP_RES**, **RSV_REQ**, **REQ_CAN**, **NO_RES**, **RES_REM**, **TXT_MSG**, **MSG_DEN**, and **WARNING**.

- For the following donor related messages HUB DE will send message denials:
TYP_REQ, **IDM_REQ** and **SMP_REQ**.

Note: For follow-up requests with a still running request at HUB DE, the running request at HUB DE must be cancelled and the new request must be sent to HUB DR.

Information for Prometheus Users

DE- and PL-DKMS donors that are sent on April 21st, 2021 will automatically be reassigned from HUB DE to HUB DR in the patient's matching list.

Some DKMS donors will continue to be listed by HUB DE as they have not been sent by HUB DR with the update.

This can have the following reasons:

- Donors have been deleted from the database in between the last update from HUB DE and the first update from HUB DR.
⇒ Therefore, we advise to send new **PAT_STAT** messages to HUB DE in order to request a full updated matching list if needed. However, **PAT_STAT** messages should be sent in consultation with ZKRD and within a time interval to April 20th, preferential not all at once, but in bundles.
- Different matching preferences at HUB DE and HUB DR have been used.

Information for Non-Prometheus Users

No deletion messages for DE- and PL-DKMS donors will be sent by HUB DE on April 20th, 2021. Therefore, an individual clarification, how DKMS donors can be reassigned to HUB DR, is needed.

If you need to delete the DE- and PL-DKMS donors sent by HUB DE before 21st April, the following fields of the **DONOR_CB** message can be used to differentiate DE-DKMS donors from other German donors, who will still be listed via HUB DE:

PL-DKMS donors:

- REG_SND = 6939
- DON_POOL = 7414

DE-DKMS donors:

- REG_SND = 6939
- DON_POOL = 6939
- DON_ATTR = DKM

Please note, that the GRID of the donors (e.g. all donors whose GRID starts with 6939DKM) is not a 100% suitable criterion for clearly identifying DE-DKMS donors sent by ZKRD before the change due to donor transfers. If a donor is transferred from one registry to another, he will keep his GRID (GRID for life).

Examples:

- If a DE-DKMS donor has been transferred from DKMS DE to another German donor center, his GRID will still start with 6939DKM although he no longer belongs to the DKMS DE.
- A donor has been transferred from another registry to DKMS DE, his GRID won't start with 6939DKM although he belongs to DKMS DE.

However, DKMS and ZKRD are willing to support you, with identifying the correct donors. Please get in contact with:

- **DKMS Registry:** Carolin Schwarz (schwarz@dkmsregistry.org, Tel: +49 7071 943-2222)
- **ZKRD:** Annette Rasche (annette.rasche@zkrd.de, Tel: +49 731 1507-210)

Summary

- There will be no deletion messages for DE- and PL-DKMS donors sent by HUB DE.
- In Prometheus the DKMS donors will be reassigned automatically to HUB DR, when HUB DR sends **DONOR_CB** messages for these donors for the first time. For Non-Prometheus Users, individual solutions have to be found in order to delete the DKMS donors assigned to HUB DE.
- On April 21st, 2021 HUB DR will start sending messages for DE- and PL-DKMS donors, except for DKMS donors with a running request or reservation at HUB DE.
- HUB DE will stay responsible for DE- and PL-DKMS donors with running requests or ongoing reservations until completion of the request or expiry of reservation. However, HUB DE will not send donor updates for these donors anymore.

Recommendations

- Stop all searches in EMDIS that are no longer of interest before April 20th, 2021.
⇒ This will significantly reduce the number of messages you will receive on and after April 20th, 2021.
- If you are interested in German donors, ensure that you are searching in both registries or that you have an EMDIS connection to both EMDIS registries listing German donors after change in April 2021 (DE **and** DR).

How to receive all donors of interest without being flooded by EMDIS messages from HUB DE and HUB DR?

