

Health & Availability Check

>> Skip the wait for the blood sample and move faster to workup

To minimize delays, DKMS offers transplant centers outside the US the **possibility to request a Health & Availability Check (HAC) instead of a confirmatory typing (CT) request**. The **donor's HLA typing must then be confirmed during workup using blood collected with the pre-collection samples**, taken on the day of the physical examination.

Most DKMS donors are typed at high-resolution for HLA-A, -B, -C, -DRB1, -DQB1, and -DPB1 by Next Generation Sequencing with a very low error rate of only 0.012%¹. This means that the best-matched donor can often be identified at the start of a search. Further, some DKMS donors already have confirmed HLA data from a previous request. However, the **availability of the donor and medical information may need updating as personal or medical reasons remain the most common cause of donor drop-out**.

¹ DOI: 10.1038/s41409-018-0411-2

CT vs HAC – Process steps to stem cell collection



Suggested use cases:

- When there is sufficient or when sufficient time remains until planned transplantation, and CMV status of donor is unknown but important for donor selection
- Workflow for primary donor



Suggested use cases:

- When there is limited or when limited time remains and CMV status of donor is known or not important for donor selection
- When the donor has previously undergone CT for another patient
- Workflow for backup donor(s)

*For HAC requests from German transplant centers, the donor must have completed CT for another patient. This service is charged.

Together, we shorten the process to transplantation

Once a Health & Availability Check (HAC) has been requested, the **donor will be informed in detail about the stem cell donation process, and their availability will be confirmed.** In addition, the donor will **complete a Health History Questionnaire (HHQ)** and their **medical suitability will be assessed.** If relevant, the transplant center will be notified of any medical findings. After successful completion of the HAC, the donor will be **reserved for a period of three months.**

In this way, we can shorten the **turnaround time for the entire process**, avoid an **additional blood draw for the donor**, and provide a workflow **at no cost to the transplantation center.**

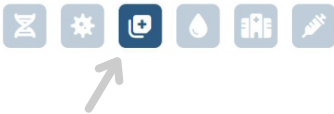
Request conditions and restrictions

The **donor's DNA-based high resolution typing for at least HLA-A, -B, -C, -DRB1, and -DQB1 must be available.** Otherwise, a HAC is only possible in case of confirmed urgency e.g. based on the specific diagnosis and the desired time frame for transplantation (less than 6 weeks to transplantation).

Please note that a **HAC can be performed instead of, but not in advance of, a CT request.** A CT request should not be submitted shortly after a completed HAC. If the transplant center requires the donor's infectious disease markers (IDM) testing results for donor selection, a CT must be requested directly as the initial request.

No HAC is accepted after a completed workup for the same patient/donor pair. Instead, a new workup request must be placed directly. During the workup, the continued availability of the donor is checked and the donor's reservation is renewed if necessary.

Instructions by user type

Donor Navigator / Hap-E Search	EMDIS	Email Request
Initiate HAC request in Donor Navigator / Hap-E Search. By clicking the HAC request button: 	Send an EMDIS text message to the DKMS Registry including: • GRID(s) of the selected donor(s) and • clear reference to the patient case (EMDIS ID). Alternatively, send us a request via email.	Send an email to services@dkmsregistry.org including: • GRID(s) of the selected donor(s) and • clear reference to the patient case (EMDIS ID and/or DKMS ID). Alternatively, send us a completed HAC request form via email.

Registries that connect with us via Match Connect will gain even more options in the future.

DKMS Registry

DKMS Registry gGmbH
Kressbach 1, 72072 Tübingen, Germany
WMDA Full Standards Certification in 2024 | ION-4596

- Founded as a **non-profit** subsidiary of DKMS Group gGmbH in 2020.
- Your **single point of contact** for search and pre-workup requests for **more than 25%** of the all registered unrelated potential stem cell donors worldwide: **DKMS donors from Germany, Poland, UK, Chile, India and South Africa.**

Contact

services@dkmsregistry.org
+49 7071 943 2204

More information



dkmsregistry.org