

NMDPSM Cryopreservation Service Frequently Asked Questions

What is the NMDP Cryopreservation Service?

Our cryopreservation service allows donors to donate prior to your patient's transplant. By collecting and cryopreserving a donor's product before transplant, you can be assured a quality product will be available for your patient when you need it.

Contact your case manager once you have selected a donor for workup and have determined moving forward with cryopreservation is best for your patient.

In the past, our transplant center needed to receive approval from the NMDP if we wanted to cryopreserve the entire donor product. Do I need to request special permission to use your cryopreservation service for my patient?

Your transplant center will still need to obtain approval from the NMDP to proceed with cryopreservation. The donor center or registry and donor will also need to provide approval. However, additional approval to use the NMDP Cryopreservation Service is not needed. Please contact your case manager after you've selected a donor for workup and determined cryopreservation is the best option for your patient.

Let your case manager know as early as possible if you plan to use our cryopreservation service. This allows enough time for the donor center or registry to counsel the donor and gain consent for cryopreservation. The donor center or registry will also request permission from the donor to use their cells for a different patient in the unlikely event your patient does not proceed to transplant.

How much does the NMDP Cryopreservation Service cost?

Your center will be billed for workup and product procurement. These costs are dependent on the donor supplier and according to the current NMDP fee schedule.

Your center will also be charged a fee for processing, storage and shipment of the cryopreserved product. Please reference the fee schedule for specific fee amounts.

Does the donor's collection location make a difference in the storage/shipping price?

No, there is no difference in the storage/shipping pricing based on the donor's collection location or the location of the transplant center, unless otherwise notified. The courier and collection cost will, however, be different depending on supplier.

When is my center charged?

Unless noted on the fee schedule and/or notified otherwise, donor workup, product procurement (collection and courier), cryopreservation processing, storage and shipment charges are delayed until after the cryopreserved product has shipped from our partner facility to your center.

In rare cases, charges may be posted at the time of collection or pre-shipment, regardless of product disposition. The fee schedule accounts for these instances and/or your case manager may notify you about this possibility for your center's consideration at the time of your service request.

What happens if the collection occurs, but my patient's health status changes and they will not proceed to transplant?

We are committed to eliminating barriers to a patient's transplant. Removing financial risk for our transplant center partners is one way we can help.

In the unlikely event your patient is unable to proceed to transplant, your center will not be charged for the product procurement or cryopreservation processing and storage, unless noted otherwise.

As part of the consent process for donors, the donor center or registry will ask the donor for consent to keep their cells stored and available for use by a different patient. If your patient cannot use the product and the donor has consented, the product will be listed in NMDP **MatchSource**® so it can be used by another suitable patient.

Can I use NMDP's Cryopreservation Service for an international donor?

Yes. We can freeze product from any donor, domestic or international, assuming the donor and donor center or registry approve.

Is the NMDP Cryopreservation Service available for related donor collections?

We are able to extend our cryopreservation services when our [Related Donor Services program](#) supports your related donor workup and collection.

However, charges for the donor workup, collection, courier, cryopreservation, storage and shipment will be passed along to your center regardless of product disposition because we are unable to list related donor products in **MatchSource** for use by other searching patients.

Will donors be notified that their donated cells will be cryopreserved?

Yes. The donor center or registry will have a conversation with the donor and get their consent for cryopreservation during the workup process. In addition, the donor will be notified if their cells are not used for the first intended patient.

We have cryopreservation capabilities at my transplant center. Why should I use the NMDP Cryopreservation Service instead of cryopreserving the cells here?

There are several advantages for your center. In cases where you have identified a donor but have concerns about scheduling their donation to align with your patient's transplant timeframe, consider proceeding with our cryopreservation service.

With our cryopreservation service, in most cases we will defer donor workup, collection, courier, cryopreservation, storage, and shipment charges until after the frozen product is shipped to your center. If your patient is unable to proceed to transplant and the cells have not been shipped, your center is not responsible for the above-mentioned charges unless stated differently on the fee schedule and/or notified by your case manager. This reduces the financial risk to your center.

Additionally, our cryopreservation service may be a good option if your center lacks the capacity to accept donor product for cryopreservation—such as during staffing transitions or training periods—or does not have experience with cryopreserving bone marrow.

Can I receive day-of collection samples from the donor?

Yes. Donor samples can still be collected on the day of donation and shipped directly to your lab. In addition, the cryopreserved product will ship with a minimum of 3x 0.5ml cryovials of the product.

How does the NMDP Cryopreservation Service cryopreserve products?

We understand patient and donor situations can vary and take this into account when cryopreserving products. Our goal is to serve as a reliable resource for transplant centers, so it is important to communicate with your case manager to ensure the needs of your patient are met.

There are minimum requirements for our products that include the use of validated freeze methods, with freeze curves available upon request, and products are frozen in multiple bags with attached segments. Cryopreservation SOPs are available upon request for your review.

Request the NMDP Cryopreservation Service

To request our cryopreservation service, contact your case manager or email cryoservice@nmdp.org.