

DIRECTED SPERM DONOR INFORMATION

Thank you for your interest in CReATe Fertility Centre's Directed Sperm Donor Program. Sperm donation in Canada is under the directives of Health Canada's Safety of Sperm and Ova Regulations (SOR 2019 192-195). The purpose of these regulations is to minimize the potential health risks of infectious and genetic disease transmission that might affect an individual who might utilize donor sperm and the future child born through assisted human reproduction (AHR). These Health Canada regulations apply to any sperm intended for use by recipient (the person carrying the pregnancy, including a surrogate) who is not the spouse, common-law partner or sexual partner of the donor, but who is known to the recipient. Under these regulations, intended parent(s) is/are also considered sperm donor(s) if they need a surrogate to carry their pregnancy.

The screening process for directed sperm donors is very rigorous and strict; it must be performed in accordance with Canadian government law and therefore might be time consuming.

1. Donor Suitability Assessment:

The donor's screening process involves completing consent forms, filling out infectious disease and genetic screening questionnaires as well as undergoing donor testing and physical examination.

Forms to complete before the initial visit to CReATe:

- *Physical Exam Request Form* (AND-ODP-FRM-002).
 - Donor must arrange an appointment with their family physician to complete this form.
- *Donor Screening Questionnaire* (AND-ODP-FRM-001).
- *Gamete Donor – Genetic Screening Questionnaire* (AND-ODP-FRM-003).
 - Please refer to *Instructions for Completing Questionnaires* (AND-ODP-FRM-018). The form will be reviewed by Genetic Counselor to determine if any genetic testing is recommended.

On their initial visit:

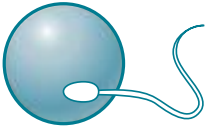
- Donors will be asked to provide blood, urine, and semen samples for donor testing.
- Blood and urine will be sent out to a Health Canada designated facility for the following testing:
 - Blood: Blood group system and Rhesus factor (ABO and Rh); Cytomegalovirus (CMV); Hepatitis B Virus (HBV); Hepatitis C Virus (HCV); Human Immunodeficiency Virus (HIV); Human T-cell Lymphotropic Virus (HTLV); West Nile Virus (WNV); Syphilis.
 - Urine: Gonorrhea; Chlamydia.
- The semen sample will be assessed by our laboratory to determine sperm quality and suitability. If any sample remains after this semen analysis, and if requested, it can be frozen and quarantined for potential donation.
- Your appointment with a CReATe psychosocial counselor will be scheduled.

Additional case specific consents:

For potential directed sperm donors providing sperm to a friend or family member:

- *Consent to Share Medical Information* (AND-FRM-064)
- *Semen Donor (Identity Known) – Consent & Release* (AND-FRM-068)

Note: A donor may, at any time prior to the use of their semen, vary or revoke their consent by providing notice in writing to the CReATe Fertility Centre.



For intended parents using a directed sperm donor:

- *Donor Semen – Consent and Direction for Freezing and Storage (AND-FRM-066)*

For intended parents planning to use their sperm and have a surrogate carry the pregnancy:

- *Consent and Direction for Freezing and Storage of Semen (AND-FRM-052)*
- *Consent to Thaw and Use Cryopreserved Semen (AND-FRM-053)*

2. Repeat Donations and Donor Reassessment:

If deemed suitable for directed sperm donation based on the initial assessment, the donor may provide additional donations by undergoing a donor reassessment. Multiple donations might be required depending on the quality of your sample and situation.

At the time of each donation, the donor will be asked to review and verify their previous responses to their infectious disease and genetic screening questionnaires or to complete new questionnaires. Depending on the time elapsed since their last donation and the information provided during their screening, the donor may need to update their blood and urine testing (every 3 months) or undergo an additional physical examination with their family physician (every 6 months). Each repeat semen donation will be assessed by our laboratory to determine sperm quality and suitability.

3. Release from Quarantine:

Donor test results for blood, urine may take up to three weeks to become available. Genetic tests might take up to three months to get completed. All results will be carefully reviewed by the Medical Director to determine the eligibility for directed sperm donation and released from the quarantine by signing summary documents for the specific donation allowing it to be used for AHR.

Health Canada requirements allow for the possibility of using fresh donations for AHR **after** the donor suitability assessment of the donor if all criteria are met on the date of the fresh donation.

4. Use of Directed Sperm Donations:

Prior to using the donation, the health professional making use of the sperm will review the summary documents associated with the specific donation, verify the safety of the sperm for use, and inform the recipient of any potential risks.

One semen donation will likely be frozen in several straws, and depending on the quality, only one, some or all straws might be used at the time of thawing. Partial use of your sample will result in leftover straws in storage that could be used for future treatments if desired by the designated recipient or discarded.

In Canada, the compensation payable to egg and semen donors, and gestational carriers, is governed by the provisions of the Assisted Human Reproduction Act and the Regulations thereunder. The CReATe Fertility Centre does not condone its clients being involved in any compensation arrangements that are in breach of this legislation.

Legal agreement(s) is/are required between sperm donor and recipient or between intended parent and gestational carrier.

Please consult your CReATe case coordinator or nurse if you have any questions or concerns. To make arrangements for any sperm donations, please contact the CReATe Andrology Department by phone: (416) 928-0717 or email: andrology@createivf.com