



Sperm Donor Program

What is Semen Donation?

Sperm donation is the gifting of your sperm for use in the fertility treatment of couples who are unable to conceive.

The semen that is donated will be frozen and may be used for in-vitro fertilisation (IVF) or artificial insemination. Artificial insemination is the introduction of semen into a female's womb by a catheter for the purpose of achieving a pregnancy without sexual contact.

Why should I choose to donate semen?

- Semen donation will enable you to give an infertile married couple, who have difficulty conceiving, an opportunity to have a child of their own
- Semen donation is usually anonymous (unknown donation) but you can also choose to donate to a particular couple (known donation).
- Sperm donation is entirely voluntary.

Eligibility to become a Sperm Donor

- Sperm donated by men between the age of 21 and **below 41** at the point of sperm removal
- Nurse coordinator will assess the donor's intent and ensure the donor meet the age criteria
- Doctor/ Nurse coordinator will explain the process of the sperm donor and to complete a lifestyle questionnaire with you (Live Donor Assessment Questionnaire).
- If you or any of your relatives have any physical, mental or psychological impediment, disability or abnormality - whether inherited or as a result of any disease, ailment, or accident - you may not be eligible to be a donor.
- Some birth defects (e.g., cleft palate) and serious diseases may be genetically linked. Thus, if you have a family history of these conditions, you may not be eligible

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What does it involve?

- Nurse shall fill up your particulars in KKH National Sperm bank clearance form.
- It is important to ensure that clearance from National Sperm Bank (located in KKH) is received and acknowledged before proceeding to other assessment.
- Medical records relating to the donation of your sperms will be released to the National Sperm Bank or Ministry of Health for the purpose of record keeping.
- Sperm samples should not be used after **5** live-birth events.
- Donor shall be assessed using the psychosocial assessment form. It must be done together with the spouse if the donor is married.
- The Psychiatrist/ Psychologist shall assess the donor on suitability to donate.
- Psychological report will be endorsed by **The Clinical Governance Officer**.
- Your semen will also be examined for sperm count and quality.
- You have to consent to a general physical examination and be agreeable for donor consent taking. Please note that spouse consent is required if you are married. Your blood will be tested for full blood count; blood grouping; and infectious diseases including HIV, Hepatitis B and C, Syphilis, Cytomegalovirus (CMV IgG and CMV IgM), **HTLV Type I and II, urine Gonorrhoea, Chlamydia** and urine CMV.
- When all the results are out, the CARE nurse coordinator shall arrange for the sperm sample collection.
- Each sperm samples are checked for Mycoplasma, Gonorrhoea culture, Aerobic bacteria culture, Urine for C.Trachomatis and N Gonorrhoeae PCR and CMV at each sperm collection.
- You may donate as many times as you wish but most donors donate 4 to 6 samples.

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- You will be required to repeat infectious screening blood test not earlier than **3** months from the time of last donation, before the donated semen can be used.

As a donor- What happens if you are not well?

While both of you are a donor, if any of you suffer from a sexually-transmitted disease, have any urethral discharge, or if any of you have previously experienced any of the above symptoms, please notify CARE staff.

What happens to the donated frozen sperm?

- The semen will be frozen and stored at the Hospital.
- In the case of anonymous/unknown donation, if there are couples who require sperm donation, matching will be performed usually in terms of race and/or blood group. If they match your profile, your stored semen will be thawed and used in their fertility treatment.
- In the case of known donation, your semen will be thawed and used in the intended recipient's fertility treatment. The recipient woman cannot be biologically related to you as prohibited by law.
- Your semen will be stored until there are **5** live-birth events or as per the Hospital policy

Legal Considerations

- Donors must be altruistic (i.e. must not receive monetary compensation in exchange for their egg(s)).
- Once there are **5** live-birth events (could be in the same but not more than **5** different families), the remaining embryo(s) if any, cannot be used and will be disposed. Occasionally, even if there are already **5** live-birth events, a family with a child may appeal to Ministry of Health (MOH) to use the same donor so that their child can have a related sibling.

Withdrawing Consent

- Donors shall be given at least 7 days to consider.

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- Consent shall be done after the 7 days of consideration.
- You may withdraw your consent for donation at any time up to the point before the start of the recipient's treatment cycle.

What are the risks of donating semen?

- There are no anticipated risks for collecting a semen sample.
- There is the possibility of your children or future offspring unknowingly meeting and marrying the children of families that you have donated your sperm to.
- This resulted sperm samples cannot be used after 5 live-birth events and will be disposed of.

What can I expect after donating semen?

- If you are making an anonymous /unknown donation, the identity of any recipient of your semen will not be disclosed to you, and you shall not attempt to find out the identity of any recipient. You are not allowed to seek the identity of any child (or children) born as a result of your sperm donation nor seek to make any claim in respect of such child or children in any circumstances whatsoever. The recipient couple shall be the lawful parents of any child or children born as a result of the donation.
- If you are making a known donation, you will know who the recipient is.

What are my options?

- You may choose not to donate your semen.
- You may withdraw your consent for donation at any time before the start of the recipient's treatment cycle.
- If you change your mind about donating your semen, please inform the Hospital.



Singapore
General Hospital

SingHealth

Tel: (65) 6222 3322
Fax: (65) 6224 9221
Singapore General Hospital
Outram Road
Singapore 169608
www.sgh.com.sg

Reg No 198703907Z

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