



# Registration as blood stem cell donor

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Please fill in the medical questionnaire overleaf.







# Registration as blood stem cell donor

Question	Yes	No	*	Question	Yes	No	*
1. Do you weigh at least 50 kg (110 lbs) and is your BMI below 40?				7. Have you ever been diagnosed with any form of hepatitis (A, B, C, or other) or have you ever had jaundice (icterus)?			
2. Have you already donated bone marrow or				Hepatitis A B C Other			
peripheral blood stem cells?  If so, when?				When? At birth			
Bone marrow Peripheral blood stem cells				If other: Which? When?			
3. a) Do you have, or have you ever had, any of the following diseases or symptoms?  - Severe cardiovascular disease  - Severe lung disease  - Blood disorder or blood clotting disorder  - Cancer				8. Does one or more of the following risk situations apply to you?  - Sexual intercourse for money (donor pays or is paid) more than once in the past 12 months  - Intravenous injection of drugs in the past 10 years  - A positive test for HIV (AIDS)			
- Autoimmune disease/chronic inflammatory disease - Severe kidney disease				To be answered only by women	Yes	No	*
Severe neurological or mental health disorder     Severe allergy				9. a) Are you currently pregnant?			
<ul> <li>Insulin-dependent diabetes</li> <li>Thyroid disease of autoimmune origin</li> </ul>				If so, what is the expected date of birth?	_		
b) Any other disease				b) Have you given birth within the past 12 months?  When?	Ш		
Please specify:				when?			
4. Are you currently taking any medication?				* leave column free			
If so, which?				Questions and remarks:			
Specify the reason:							
Specify the reason.							
5. Have you ever received a transplant of human							
or animal tissue?							
Please specify:							
6. Have you received a blood transfusion within the past 12 months (red blood cells, platelets, plasma)?							
Reason?							_
If so, when?							_
In which country?							—
							—
To be filled in by the Donor Center SBSC/RBTS:							
Eligible for registration: Yes No							
Remarks:							
							_
Deferred until:							





## Registration as blood stem cell donor

### Important information

Before joining the registry, you must read and understand our information brochure 'Donating blood stem cells - what you should know' (current version).

Unless you inform us otherwise, you will remain in the registry as a donor until your 60th birthday. However, you can cancel your registration at any time without any consequences.

To ensure that you can be contacted quickly in the event of a request for a donation, please inform us immediately of any changes to your contact details. This also applies to information on your eligibility to donate, e.g. new illness, pregnancy, longer stay abroad, personal reasons.

We will send you important information about your entry in the registry roughly twice a year.

### **Declaration of consent**

- 1. Consent to analyse the cheek swab: I hereby consent to Swiss Transfusion SRC AG forwarding my pseudonymized cheek swab to the appointed laboratory in Switzerland or abroad for HLA tissue typing and other analyses (blood group, CMV, CCR5). Further information (DE, FR, IT): blutstammzellspende.ch/de/analysen
- 2. Forwarding information to international registries: I hereby consent to having my pseudonymized personal data forwarded to international blood stem cell donor registries and used for donor compatibility searches for patients worldwide. Pseudonymizing means replacing the name with a code number. This data can also be viewed by registries in countries that do not have data protection legislation comparable to that in Switzerland and where data security is not similarly guaranteed.
- **3. Survey of HLA distribution:** I agree that Swiss Transfusion SRC AG and its authorized laboratories may use the sample material and the HLA data to analyse the HLA variability of the population and the distribution of the various HLA combinations. My data will be anonymized for this purpose. These analyses do not entail any risks for me.

inereby register mysell as a blood stem cell c	autori.
Date: Si	gnature:
First name, Surname:	
Willingness to donate blood plate	lets
As your HLA data are stored in the blood stem ce	ll donor registry, in rare cases you may also be asked to donate platelets (thrombocytes).
Patients who have received many platelet transfus In such cases, platelet donations from people with	sions are susceptible to developing antibodies that make further treatment more difficult. In matching HLA characteristics are needed.
I hereby consent to my HLA data and contact det for a platelet donor.	ails being forwarded to the regional blood donation service for the purpose of searching
Yes No	



**Data protection rules** 

Further information: blutstammzellspende.ch/datenschutz

Sample collection number:





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## Supplementary information to question 3a

Severe heart disease	E.g. heart surgery, heart attack, angina (pectoris), thrombosis, pulmonary embolism, transient ischemic attack (TIA), stroke, peripheral artery disease (PAD), valvular heart disease, cardiac arrhythmia.
	Registration is possible in case of operated foramen ovale, sporadic extrasystoles, successful ablation (stable and without medication).
Severe lung disease	E.g. chronic obstructive pulmonary disease (COPD), pulmonary fibrosis, emphysema, severe asthma (frequent attacks, long-term oral treatment necessary).
	Registration is possible in cases of mild asthma where inhaled medication is sufficient.
Blood disorder or blood clotting disorder	E.g. leukaemia, severe thalassaemia, sickle cell disease, haemophilia, severe tendency to thrombosis.
Cancer	Registration only possible in case of basalioma or cervical carcinoma in situ (removed)
Autoimmune disease/ chronic inflammatory disease	This includes Crohn's disease, ulcerative colitis, coeliac disease, psoriasis, rheumatoid arthritis, sarcoidosis, vasculitis, ankylosing spondylitis.
Severe kidney disease	E.g. chronic kidney disease
Severe neurological or mental health disorder	Illnesses such as multiple sclerosis, Parkinson's disease, Myasthenia gravis, schizophrenia, psychosis.
	Epilepsy: registration is possible if without medication and seizure-free during at least the past 3 years.
Severe allergy	This includes allergies with severe reactions (swelling in the area of the face/neck, dyspnea, anaphylaxis/anaphylactic shock).
Insulin-dependent diabetes	Registration not possible, except after gestational diabetes, provided that there is no insulin dependency after pregnancy.
Thyroid disease of autoimmune origin	E.g. Hashimoto's thyreoiditis, Graves' disease
	Registration is possible in case of non-autoimmune hypo- or hyperthyroidism if the thyroid hormone level is normal (even under hormone replacement therapy).

## Additional information about the analyses

#### CMV

The cytomegalovirus (abbreviated CMV) belongs to the herpes virus family. After the first infection, the virus remains in the body for life. In healthy people, a CMV infection usually runs its course without any signs of illness. In people with a weakened immune system, however, the infection can lead to serious illnesses.

#### CCR5

CCR5 (chemokine receptor 5) is the name for a receptor protein that is located on the surface of lymphocytes (a subgroup of white blood cells) in humans. The information about what this CCR5 receptor looks like is stored in the CCR5 gene in the human genome. With the help of this receptor, the lymphocytes can be activated in the case of inflammation or infection. This activation triggers a defence response in the human body.

In the CCR5 gene, there is a variant in which the gene contains less information (deletion) and consequently the receptor protein is shortened. This variant is called CCR5-delta32. The CCR5-delta32 deletion leads to an increased defence capability (resistance) of the cells in certain infections. The frequency of the CCR5-delta32 variant varies greatly from region to region and is about 2-10% in Central Furnne

In certain cases, people who carry the CCR5-delta32 variant are preferred as blood stem cell donors.