



Electronic “on-screen” questionnaire

Riin Kullaste

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Background

Estonian Blood Bank Information System was established at the Northern Estonia Blood Centre in Tallinn in 1996.

In 1999 all blood centres were connected.

Information system uses ISBT-128 coding and consist of following parts:

- Donor registry
- Invitation system
- Collection
- Production
- Product management
- Process administration



e - Donor

Founded in 2009 as Estonian Blood Bank Information System's portal for blood donors on website

Functions:

- **Electronic questionnaire**
- Test results from previous donations
- History of donations
- Suggested time for the next visit
- Possibility to correct contact data

Limited access:

Only after third donation



Objectives of electronic questionnaire

Reliable data collection is one of the key elements of the hemovigilance system.

Information given by donor has to be reproducible in the fastest and easiest way

Group analyses and summation have to be available.

Electronic questionnaire on site



Electronic questionnaire on site




Webpage www.verekeskus.ee

f Liitu meiega Facebookis

est rus   



Kõik uudised

 Liitu uudisvooga

Verekeskus üllatab sõbrakuul

Verekeskus pakub sõbrakuul veebruaris doonoritele mitmeid toredaid üllatusi. Terve veebruarikuu jooksul saavad doonorid nii... » » »

Eelmisel aastal kasvas vereloovutuste arv

Põhja-Eesti Regionaalhaigla verekeskust külastas eelmisel aastal ligi 20 300 doonorit, kes tegid kokku üle 32 500... » » »

Verekeskuse kommentaar täna sotsiaalmeedias levinud üleskutsele

Täna levis sotsiaalvõrgustikus Facebook üleskutse tulla loovutama 0- negatiivset verd, et aidata hädas olevat väikelast.... » » »

Vene Teater toetab doonoreid teatripiletitega

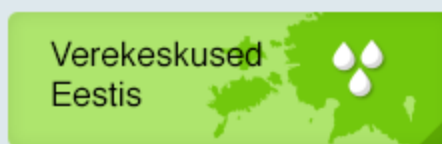
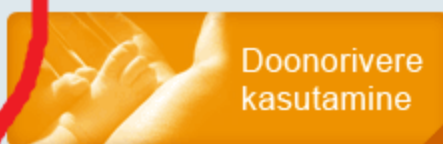
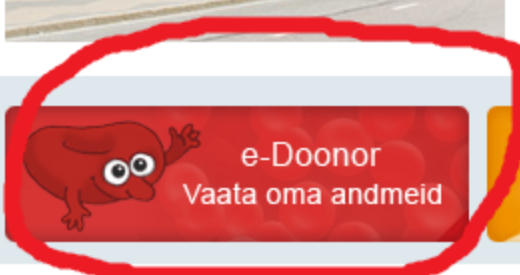
Vene Teater ja Põhja-Eesti Regionaalhaigla verekeskus alustasid koostööd, mille käigus Vene Teater kingib aeg-ajalt... » » »

Hetke verevarud

0 Rh positiivne	
0 Rh negatiivne	
A Rh positiivne	
A Rh negatiivne	
B Rh positiivne	
B Rh negatiivne	
AB Rh positiivne	
AB Rh negatiivne	

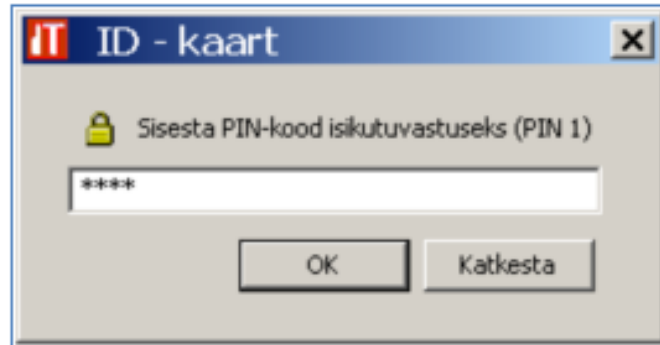
Verekeskus
(Ädala 2)
E, R 8-16
T-N 11-19

Doonorifoorum
(Narva mnt 5,
Foorumi keskus
4. k)
E-N 11-19
R 9-14



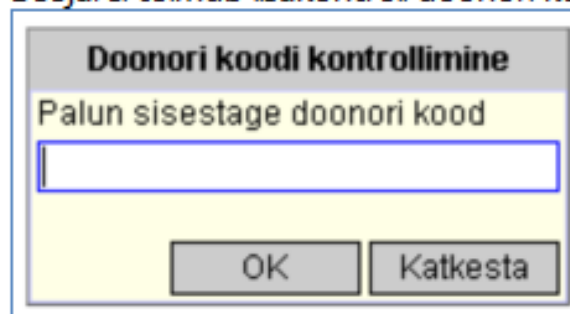


Donor identification by ID chip card and donor code



Joonis 2. Isikutuvastus

Seejärel toimub lisakontroll doonori koodi jaoks:



Joonis 3. Doonori koodi kontroll



Tere tulemast SA Põhja-Eesti Regionaalhaigla verekeskuse
doonorite andmebaasi e-Doonor!



Isikukood: 47701012222	Viimane vereloovutus või külastus: 07.03.2006, SISEKAITSEAKADEEMIA	Vereloovutusi kokku: 4	Sulge
Doonori kood: 123456	Järgmine vereloovutus on soovitatavalt: 06.04.2006	Vereloovutusi jooksva aastal: 0	

Uuringud

Viimane vereloovutus

Kõik vereloovutused

Soovitused

Teie veregrupp on: 0 POS

Vereloovutus: 07.03.2006

Uuringute tulemused:

NAHK + korras

VEENID + korras

HB (doonoriveri) 135 korras

Doonori andmete kontroll

Küsitusteht

Doonori isikuandmed

Perekonnanimi: Testija

Eesnimi: Mai

Sünniaasta: 25.08.1977

Kodune aadress: LAURI TALU

Maakond: LÄÄNEMAA

Vald: TAEBLA vald

Linn/küla/asula: LEEDIKÜLA

Aadress: LAURI TALU

Postiindeks:

Tel:

Mobiil:

E-post:

Töökoht: SISEKAITSEAKAD.

Töökoha aadress:

Amet: ÕPILANE

Donor questionnaire



12. Have you travelled outside Estonia within last 12 months? Yes No
13. Within last 28 days, have you travelled to regions where the West-Nile virus is endemic? Yes No
14. Have you lived in Great Britain for 6 months or longer during years 1980-1996? Yes No
15. Has anyone in your family had Creutzfeldt-Jacob disease? Yes No
16. Have you ever been treated with human growth hormone preparations? Have you ever received transplanted tissues/organs? Yes No
17. Have you ever received medication containing isotretinoin (e.g. Accutane), etretinate (e.g. Tegison), finasteride (e.g. Proscar), a Yes No
-
18. HAVE YOU OR YOUR SEXUAL PARTNER HAD OR HAVE NOW: Hepatitis, or tested positive for hepatitis, HIV antibodies or had AIDS? Yes No
19. Experienced unexplained weight loss, fever, swollen lymph nodes, or repeated diarrhoea? Yes No
20. Have you used or do you know if your sexual partner has ever used (even once) injected drugs? Yes No
21. Multiple sexual partners or received payment (in money or drugs) in exchange for sex? Yes No
22. Male donors: have you ever had sex with men? Yes No
-
23. DURING PAST TWELVE MONTHS, HAVE YOU OR YOUR SEXUAL PARTNER: received transfusion of blood/blood components or clotting factor Yes No
24. DURING PAST TWELVE MONTHS, HAVE YOU: been ill, attended medical help, received medical check-ups of medical treatment, inoculation Yes No
-
25. Are you currently on medication or have you used medication in the past four weeks? Yes No
26. Are you currently on sick leave? Yes No
-
27. I CONFIRM THAT I AM A VOLUNTARY BLOOD DONOR AND I FEEL HEALTHY. Yes No
28. I CONSIDER MY BLOOD TO BE SAFE FOR DONATION TO PATIENTS NEEDING TRANSFUSION. Yes No
29. I AM AWARE OF THE POTENTIAL ADVERSE EFFECTS DURING/AFTER DONATION. Yes No
30. I CONSENT TO THE COLLECTION AND ANALYSES OF MY BLOOD. Yes No
31. I CONSENT TO THE USE OF MY BLOOD FOR RESEARCH PURPOSES. Yes No



Electronic questionnaire

Donor`s answers from website are valid for 7 days (whole blood donation) or 5 days (apheresis donation)

Donor`s answers will be overviewed and confirmed during the medical examination and saved to the database.

Deferral reason will be determined and saved

The electronic questionnaire **is not** tool for self - deferral



Deferrals in 2012 (visitors 38 570)

Reason	Permanent	Temporary
Medical reason	148	1032
Allergy	2	22
High Hgb	0	25
Low Hgb	1	2189
Low weight	0	35
Piercing and tattoos	0	124
Menstruation	0	107
Risk for infection	12	486
Vaccination	0	6
Tired	1	97



Electronic questionnaire (summary)

Benefits for donors:

- Time saving
- High confidentiality
- Convenient

Benefits as regards blood safety:

- Reports of donor deferral different reasons
- Reports on different detailed data
- Traceability to single answer. Access is easy and quick



Thank you for your attention!