

# CRYUS

## Hematopoietic Stem Cells Laboratory Software

Information management software Cryus is developed specially for Cord Blood Banks, Donor Centers, Stem Cells Collection Centers, Biotech Laboratories and Tissue Banks.

The Cryus functions cover complete workflow from collection, processing, production to cryo-storing and transplantation of Hematopoietic Stem Cell products.

The screenshot displays the Cryus software interface for a specific donor record. The main window title is "Cryus" and the menu bar includes "Person", "Collection", "Processing", "Product", "Return", "Request", "Applications", "Servis", and "Help". The central pane shows a tree view of data for "ID number 1252020011 - Test Child - 02.02.2012 - žena - donor". The tree includes categories like HLA Typing, Collections (with a sub-entry "S0000100 - 20120000013 - 02.02.2012 - cord blood - allogeneic unrelated"), Processing (with "BTB59 12 00032 - 02.02.2012 - Basic - CB"), Products (with three entries: "S0000 12 000015 00 H - 2.00 ml - sample", "S0000 12 000016 00 F - 2.00 ml - sample (mother)", and "S0000 12 000017 00 D - 104.00 ml - hemopoetic graft"), Requests, Applications (with "BTB59 12 T00020 - 06.02.2012 - - ID number 8011210440 Test Patient"), and Links to other persons (with "Donor for : ID number 8011210440 - Test Patient - 21.11.1980 - muž - patient" and "ID number 7811210550 - Test Mother - 21.11.1978 - žena - mother").

On the right side, there is a search field labeled "Search (F3)" and several action buttons: "New person", "Edit person", "Delete person", "Show", "Protocol", "Label", and "Exit". Below these buttons, the user information is displayed: "User: Admin", "Group: Administrators", and a "Change user" button. At the bottom right, the current user's ID and hospital are shown: "ID: BTB59", "Hospital: Olomouc".

At the bottom of the window, there is a status bar with the following text: "Cryus, © 2003-2009 Steiner, s.r.o., version 2.0.1.38, revision 2010-05-24", "TRM = MTITTLBACH-PC (192.168.0.115)", and "10.02.2012-15:31".



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Steiner Ltd. has been developing software for the healthcare industry for more than 20 years.

The company provides specialized solutions in more than 20 countries around the world and is a holder of ISO 9001 and ISO 27001 certificates.

# CRYUS

## Cryus Features

- Database of donors, recipients and their relations
- HLA Typing (serological, DNA)
- Collections (blood, cord blood, bone marrow, PBSC, DLI, samples)
- Processing (plasma reduction, cleaning, cord blood, infection tests, etc.)
- Products (cryo bags, transport bags, samples)
- CryoStore (product evidence, customizable structure, search for product)
- Requests (requests for products, expedition)
- Applications (product transplantation, engraftment, complications)
- Returns (return of unused products)
- Code lists (reagents, materials, equipment, ....)
- Unique identification (ISBT128 product codes)
- Protocols, Labels (print of the protocols)

		A Rh Positive
S0000 12 000017 g D	6200	
Collection Center or Registry HO klinika (HO klinika) City 10000 Czech Republic	 BIOHAZARD	
Collection Date/Time 08 FEB 2010 13:25 (08 FEB 2010 12:25 GMT)	For Use by Intended Recipient Only	
Do Not Irradiate Do Not Use Leukoreduction Filters	Related Donor Test Donor #: CDTEST Date of Birth: 03 DEC 1985	
	Expiration Date/Time 10 FEB 2010 13:25 (10 FEB 2010 12:25 GMT)	
S1134400	Intended Recipient PATIENT, Test MRN#: CDTEST Date of Birth: 03 DEC 1985	
HPC, APHERESIS MOBILIZED	Collection Center or Registry HO klinika (CPL) City 10000 Czech Republic	
Approx 25 mL in 0 mL ACD Store at 2 to 8 °C		

## Cryus Advantages

- Flexibility and customization
- Supports complete lifecycle of the product
- Workflow management
- Both autologous or allogenic transplantations
- Suitable for both adult donor and cord blood harvesting centres
- Easy-to use product store management
- On-line cooperation with a transplant centre
- Connection to registry management software Prometheus
- EmdisCord/Netcord integration
- 3 years guarantee

## Cryus Benefits

- User-friendly and intuitive software
- Flexible solution, implementation of change requests guaranteed
- Long-term guarantee of compliance with regulatory requirements (national, FACT, Netcord, JACIE)
- All data in a single system, regular backup of the database
- Validation process of every released version
- Vendor's Quality Management System certified by ISO 9001:2008
- Vendor's Information Security Management System certified by ISO 27001:2005
- Professional helpdesk support
- 20 years experience in the development of medical and laboratory software



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