1. ▭

1. General data
Name of the Cord Blood Bank:

Liège CBB

2.

2. In what year did your Cord Blood Bank start collecting cord blood units?

1993

3. Type of cord blood units in the inventory of your Cord Blood Bank (please note the number of cord blood units stored on December 31, 2016).

Cord Blood Units in inventory for Unrelated Allogeneic. : 3504
Cord Blood Units in inventory for Related Allogeneic (directed). : 132
Cord Blood Units in inventory for Autologous. : 0

4. How many cord blood units do you plan to store for public use (unrelated patients)?

In 2017 : 200
In 2018 : 200

5. Does your Cord Blood Bank list units in BMDW (www.bmdw.org)?

Yes

6. Is your Cord Blood Bank affiliated with a National Stem Cell Donor Registry? If yes, list the name of the registry.

Yes, please list the name of the registry: Marrow Donor program-Belgium

3. Cord Blood Units in Inventory

7. What is your current processing method? Check all that apply.

Plasma and RBC reduced (automatic)

8. What year did your Cord Blood Bank start using your current processes?

2004

9. If possible, please upload a picture of cord blood units in your inventory for your current practise in use. You can upload a maximum of five pictures per question.

=B01461701000200.JPG

10. If possible, please upload a picture of cord blood units in your inventory for volume reduction. You can upload a maximum of five pictures per question.

B01461207009600.jpg

11. If possible, please upload a picture of cord blood units in your inventory for no volume reduction. You can upload a maximum of five pictures per question.

=B01461301010100_Cong_classique.jpg

12. Total Nucleated Cell Count (x10E7) of your cord blood units stored for Unrelated Patients (Public Use).

Please specify the number of cord blood units per category.

< 125 : 2420

125 - 149 : 640
150 - 199 : 498
200 - 250 : 151
> 250 : 70

4. Accreditations-licenses-certifications

13. FACT-Netcord accreditation
Is your Cord Blood Bank FACT-Netcord accredited?

Yes

Year of last on-site inspection (FACT):

2015

State year of your first accreditation:

2005

14. AABB accreditation
Is your Cord Blood Bank AABB accredited?

No

15. Competent Authority/National Health Authority (state-based).
Is your Cord Blood Bank licensed by a (state-based) Competent Authority?

Yes

Does the Competent Authority perform on-site inspections?

Yes, please specify year of the last inspection.

Year of last on-site inspection of your Competent Authority:

2014

Name of the institution Competent Authority:

https://www.fagg-afmps.be/en

Link to the license website of the institution Competent Authority:

https://webgate.ec.europa.eu/eucoding/reports/te/index.xhtml

16. Does your National Stem Cell Donor Registry perform on-site inspections?

No

17. Please describe other accreditations, licenses, or certifications of your Cord Blood Bank.

Registry requires to be FACT accreditted plus a list of extra requirements

5. Cord Blood Collection

18. What is your current practice for collecting cord blood?

In-utero

19. Current antiseptic. Check all that apply.

Betadine

20. Collection bag

Single needle

21. Agitation during collection

Manual

6. Conditioning and transport from Collection Centre to Cord Blood Bank.

22. Do you use a secondary bag (sealed, plastic bag or similar to avoid any leakage)?

Yes

23. Transport conditions.

Insulating transport container
Passive refrigeration system (gel, blocks)
Electronic temperature probe
Qualified transporter
Ground transport

24. Specify temperature range for storage and transportation of fresh product.

Defined (above +8°C)

7. Evaluation

25. Pre-processing Evaluation
Please specify your current threshold for accepting a cord blood unit for public use in your cord blood bank.

Net weight in grams (excluding bag and anticoagulant) before processing

> 100 grams

TNC (10E7) before processing

150 - 199

Viability CD45 positive cells (%)

NA- not evaluated pre-processing

Viability CD45 positive cells (method)

Viability CD34 positive cells (%)

NA- not evaluated pre-processing

Viability CD34 positive cells (method)

26. Pre Processing Evaluation
Please mark the criteria that are completed before accepting a cord blood unit for public use in your Cord Blood Bank. Check all that apply.

Medical History
Collection Report
Informed Consent
Temperature and integrity of the bag
Other, please describe:: labeling

27. Which method is used for CD34 enumeration?

ISHAGE guidelines

28. Do you use external proficiency testing for QC of your FACS lab?

Yes, please specify (e.g. UKNEQAS): Institute for Public health (2 samples, 3 times/year); UKNEQAS (2 samples; 5-7 times/year)

29. Does your Cord Blood Bank perform post processing/pre-freeze CD34 cell count?

Yes

30. Acceptable time from collection to processing.

24-48H

8. Processing-Packaging

31. Please select the pre freeze processing methods you have used at any stage in time. Check all that

apply.

AXP
SEPAX
RBC/plasma reduction with HES
Manual- plasma reduction only
Other, please describe: MacoPress (MacoPharma)

32. What are your current pre-freeze processing methods? Check all that apply.

SEPAX

33. Please specify additives currently in use in addition to anticoagulants and DMSO during processing. Check all that apply.

HES

34. Please specify cryoprotectant additives currently in use. Check all that apply.

DMSO- Dextran

35. Please specify cryopreservation method currently in use. Check all that apply.

BioArchive

36. Please specify cryobag currently in use. Check all that apply.

Single bag (one fraction)

37. What packaging is currently used when a unit is stored? Check all that apply.

Metal canister
Overwrap

38. How many segments do you currently store with the unit? Check all that apply.

Two or more attached segments
Separate segments detached from the bag, but stored with the CBU

9. Testing

39. Using the list below, indicate which Infectious Disease Marker (IDM) testing of the maternal donor and/or cord blood is CURRENTLY performed by your Cord Blood Bank.

	Standard on Maternal Sample	Standard on cord blood sample	Testing available by request on maternal sample	Testing available by request on cord blood sample	Not done
Hepatitis B Surface Antigen	X				
Hepatitis B core Antibody	X				
Hepatitis B Surface Antibody			X		
HBV NAT	X				
Hepatitis C Antibody	X				
HCV NAT	X				
HIV 1/2 Antibody					
HIV 1 and 2 + 0 Antibodies	X				
HIV p24 Antigen	X				
HIV NAT					

Test	Col 1	Col 2	Col 3	Col 4	Col 5
HIV NAT Antigen	X				
HTLV I/II Antibodies	X				
HTLV NAT			X		
CMV Antibody - IgG			X		
CMV Antibody - IgM			X		
CMV Anitbody Total	X				
Syphilis	X				
West Nile Virus NAT			X		
West Nile Virus Antibody			X		
T. Cruzi Antibody (Chagas Disease)			X		
EBV Antibody - IgG			X		
EBV Antibody - IgM			X		
EBV Antibody Total			X		
Toxoplasmosis Antibody - IgG			X		
Toxoplasmosis Antibody - IgM			X		
Toxoplasmosis Antibody Total			X		

40. In case the Antibody - IgM is positive (for CMV, Toxoplasmosis or EBV) does your Cord Blood Bank perform a PCR? Please mark checkbox, when your Cord Blood Bank performs PCR testing. Check all that apply.

CMV
Toxoplasmosis
EBV

41. Does your Cord Blood Bank currently store extra material?

Cord blood material for DNA extraction
Plasma/cord blood
Maternal material for DNA extraction
Maternal plasma/serum

42. HLA typing at time of listing.

	Low Resolution	Intermediate Resolution	High Resolution	Not performed
HLA-A			X	
HLA-B			X	
HLA-C			X	
HLA-DRB1			X	
HLA-DQB1			X	
HLA-DPB1				X

43. Current threshold for accepting a cord blood unit for public use (post processing)

	Please specify threshold	Please provide method	Not performed
Minimum TNC (10E7)	150 (120 for minorities)		
Minimum CD34 (10E6) single platform	NA		
Minimum CD34 (10E6) double platform	1.25	ISCT	
Total-CFU (10E5)	>0		
Viability (10E5)	85%	7AAD	

10. Storage

44. What type of storage container is currently used in your cord blood bank?

BioArchive tank
Conventional storage tank-Vapor phase
Conventional tank-Liquid phase

45. What type of storage monitoring is currently used in your cord blood bank?

Centralized system-local
Centralized system-remote monitoring
LN2 level
Lid opening
System default
Temperature monitoring