CB banking specifics WO-1362

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Section 1 General Info

Question	CBB answer
The information has been reviewed in year :	
Name of the cord blood bank:	Campania CBB
Number of cord blood units the cord blood bank plans to store for public use (unrelated patients):	1960

Section 2 Cord Blood Units in Inventory

Question	CBB answer
Current processing method(s):	
Plasma and RBC reduced (automatic)	checktrue
Plasma reduction only	checkfalse
Plasma and RBC reduced (manual)	checkfalse
RBC reduction only	checkfalse
Total Nucleated Cell Count (x10E7) of your cord blood units stored for Unrelated Patients (Public Use).	
< 125 :	
125 - 149 :	
150 - 199 :	
200 - 250 :	
> 250 :	

Section 3 Cord Blood Collection

Question	CBB answer
Current practice for collecting cord blood:	In-utero and ex-utero
Current antiseptic:	Betadine
Collection bag:	Single needle
Agitation during collection:	Manual

Section 4 Conditioning and transport from Collection Centre to cord blood bank

Question	CBB answer
Secondary bag used by the cord blood bank (sealed, plastic bag or similar to avoid any leakage):	
Transport conditions:	
Insulating transport container	checkfalse
Active refrigeration system	checkfalse
Passive refrigeration system (gel, blocks)	checkfalse
Electronic temperature probe	checkfalse
Non-electronic temperature probe	checkfalse
Qualified transporter	checktrue
Unqualified transporter	checkfalse
Air transport	checkfalse
Ground transport	checkfalse
Other,	checkfalse
Temperature range for storage and transportation of fresh product:	Temperature between +2 to +8°C

Section 5 Evaluation

Question	CBB answer
Pre-processing Evaluation: Current threshold for accepting a cord blood unit for public use in the cord blood bank:	
Net weight in grams (excluding bag and anticoagulant) before processing	
TNC (10E7) before processing	125 - 149
Viability CD45 positive cells (%)	
Viability CD45 positive cells (method)	
Viability CD34 positive cells (%)	
Viability CD34 positive cells (method)	
Criteria that are completed before accepting a cord blood unit for public use in the cord blood bank:	
Medical History	checktrue
Collection Report	checktrue
Informed Consent	checktrue
Maternal IDM results	checktrue
Temperature and integrity of the bag	checktrue
Other,	checkfalse
Used method for CD34 enumeration:	
The cord blood banks uses external proficiency testing for QC of the cord blood banks FACS lab:	
The cord blood bank performs post processing/pre-freeze CD34 cell count:	
Acceptable time from collection to processing:	

Section 6 Processing-Packaging

Question	CBB answer
The pre-freeze processing method(s) cord blood bank uses at any stage in time:	
AXP	checkfalse
SEPAX	checktrue
Optipress	checkfalse
Prepacyte	checkfalse
Manual- plasma and red cell reduction	checkfalse
RBC/plasma reduction with HES	checkfalse
Ficoll sedimentation	checkfalse
Centrifugation and volume reduction	checkfalse
No processing	checkfalse
Manual- plasma reduction only	checktrue
Other,	checkfalse
The current pre-freeze processing method(s):	
AXP	checkfalse
SEPAX	checktrue
Optipress	checkfalse
Prepacyte	checkfalse
Manual- plasma and red cell reduction	checkfalse
RBC/plasma reduction with HES	checkfalse
Ficoll sedimentation	checkfalse
Centrifugation and volume reduction	checkfalse
No processing	checkfalse
Manual- plasma reduction only	checkfalse
Other,	checkfalse
Additives currently in use in addition to anticoagulants and DMSO during processing:	
HES	checkfalse
Prepacyte	checkfalse
Plasmalyte	checkfalse
Albumin	checktrue
Isotonic salt solution NaCl (saline)	checkfalse
No additive	checkfalse
Other,	checkfalse
Cryoprotectant additives currently in use:	DMSO
Cryopreservation method currently in use:	
BioArchive	checkfalse
MVE 1850 Vapor freezer	checkfalse
Programmed cryopreservation with Air Liquid program (FREEZAL)	checkfalse
Programmed freezer	checktrue
Two-step (equilibrium) freezing	checkfalse

Cryobag currently in use:	Single bag (one fraction)
Currently used packaging when a unit is stored:	Metal canister and overwrap
Segments currently stored with the unit by the cord blood bank:	
One attached segment	checkfalse
Two or more attached segments	checktrue
Separate segments detached from the bag, but stored with the CBU	checkfalse
Other samples	checkfalse
None	checkfalse

Section 7 Testing

Question	CBB answer
Does your cord blood bank currently store extra material?	
Cord blood DNA	checktrue
Cord blood material for DNA extraction	checktrue
Plasma/cord blood	checktrue
Maternal DNA	checkfalse
Maternal material for DNA extraction	checktrue
Maternal plasma/serum	checktrue
HLA typing at time of listing:	
HLA-A	High Resolution
HLA-B	High Resolution
HLA-C	High Resolution
HLA-DRB1	High Resolution
HLA-DRB2	
HLA-DPB1	

Section 8 Storage

Question	CBB answer
The following type(s) of storage container is currently used by the cord blood bank:	
BioArchive tank	checkfalse
Conventional storage tank-Vapor phase	checkfalse
Conventional tank-Liquid phase	checktrue
Double walled liquid Nitrogen	checkfalse
Type following type(s) of storage monitoring is currently by the cord blood bank:	
Alarm on individual tanks only	checktrue
Centralized system-local	checktrue
Centralized system-remote monitoring	checktrue

LN2 level	checktrue
Lid opening	checktrue
System default	checktrue
Temperature monitoring	checktrue
No temperature monitoring	checkfalse

Section 9 Adverse Events Reporting

Question	CBB answer
Adverse Event Reporting used by the cord blood bank:	
Competent authority	checktrue
Internal report	checktrue
National registry	checkfalse
Transplant centre	checktrue
WMDA	checkfalse