

# CBB operational specifics WO-1344

The WMDA makes no representations or express or implied warranties regarding any information on this site or obtained through these links; expressly disclaims all legal liability and responsibility for accuracy, completeness, currency, suitability, validity, or usefulness or such information; and is not and will not be liable for any statements, errors, or omissions in posted information, or for any losses, injuries, or damages that arise or are alleged to arise from such information. Use of any information provided on this site does not and is not intended to create a contractual or other relationship. The information is provided for guidance only and is updated on an annual basis. CBB protocols, processes and fee structures may change in the meantime and if you have any queries please ask your Search Coordinator for the most up to date information.

## General

| Question                                    | CBB answer                  |
|---------------------------------------------|-----------------------------|
| Name of the Cord Blood Bank:                | Vitalant Cord Blood Program |
| The information has been reviewed in year : |                             |

## Verification typing and extended typing requests

| Question                                                                                                                                                | CBB answer                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Extended/verification typing is performed at an ASHI, EFI or CAP accredited lab:                                                                        | yes                          |
| The average turnaround time for extended HLA typing results is:                                                                                         | 5 Days                       |
| The Cord Blood Bank does currently use an attached (contiguous) segment (if available) for confirmatory/verification HLA typing:                        | yes                          |
| The Cord Blood Bank does list cord blood units that do NOT have attached segments and have NOT previously been confirmatory typed on attached segments: | no                           |
| The percentage of cord blood units in the Cord Blood Bank inventory that will be sent with attached segment is:                                         | 90-100%                      |
| The Cord Blood Bank performs confirmatory/verification HLA typing on cord blood units prior to release with the following resolution:                   | High resolution on all units |
| The DNA sample will be sent to Transplant Centre if requested prior to shipment request:                                                                | Yes;if DNA is available      |

## Reservation policy

| Question                                                                                                                                                                                                               | CBB answer |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| At what point is a cord blood unit reserved for a patient and not available for other patients?                                                                                                                        |            |
| At time of cord blood unit report request                                                                                                                                                                              | checkfalse |
| At time of HLA typing request                                                                                                                                                                                          | checkfalse |
| At time of reservation request                                                                                                                                                                                         | checktrue  |
| At time of shipment request                                                                                                                                                                                            | checkfalse |
| Other,                                                                                                                                                                                                                 | checkfalse |
| The length of time that a cord blood unit can be reserved is:                                                                                                                                                          | 90 days    |
| There is a fee to reserve a cord blood unit:                                                                                                                                                                           | no         |
| The Cord Blood Bank allows for an extension on a reservation of a cord blood unit:                                                                                                                                     | yes        |
| Will your Cord Blood Bank provide a cord blood unit report on a cord blood unit that is already reserved for another patient (and thus not available) without specifying that the cord blood unit is already reserved? | no         |

|                                                                                                                                                                                                                                                    |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| If the Cord Blood Bank releases a cord blood unit from a patient's search (as opposed to the transplant centre indicating that the cord blood unit may be released), the transplant centre will be informed by the Cord Blood Bank of the release: | yes |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|

| The list below, indicates which tests are currently performed by the Cord Blood Bank on a thawed attached segment and at which stage: |    |           |                         |                     |                     |      |
|---------------------------------------------------------------------------------------------------------------------------------------|----|-----------|-------------------------|---------------------|---------------------|------|
|                                                                                                                                       | VT | TNC count | Total viable CD34 count | % viability of CD34 | % viability of CD45 | CFUs |
| As standard when verification typing is performed                                                                                     | -  | -         | -                       | -                   | -                   | -    |
| As standard when CBU is reserved                                                                                                      | -  | -         | -                       | -                   | -                   | -    |
| Upon request when CBU is reserved                                                                                                     | -  | -         | -                       | -                   | -                   | -    |
| Upon request when verification typing is performed                                                                                    | -  | -         | -                       | -                   | -                   | -    |
| Only once shipment is requested                                                                                                       |    |           |                         |                     |                     |      |
| Upon request at any point                                                                                                             |    |           |                         |                     |                     |      |
| Not performed                                                                                                                         | -  | -         | -                       | -                   | -                   | -    |

| Question                                                                                                         | CBB answer                        |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| If any of the above tests are requested prior to shipment, this will result in automatic reservation of the CBU: | no;you need to reserve separately |

| Charges incurred          | VT | TNC count | Total viable CD34 count | % viability of CD34 | % viability of CD45 | CFUs |
|---------------------------|----|-----------|-------------------------|---------------------|---------------------|------|
| Will this incur a charge? | no | no        | no                      | no                  | no                  | no   |

## Shipment request and release of Unit

| Question                                                                | CBB answer |
|-------------------------------------------------------------------------|------------|
| The Cord Blood Bank performs hemoglobinopathy screening before release: | no         |

| Criteria to allow a Cord Blood Unit to be shipped to transplant centres. See Appendix V of FACT Netcord Standards 6th Edition. |                            |        |                                                    |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------|----------------------------------------------------|
|                                                                                                                                | acceptable range of values | method | additional information                             |
| Viability/cell count:                                                                                                          |                            |        | Results are obtained from the Department of Health |

| Question                                                                                                                                                                                                                                          | CBB answer                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Criteria to allow a cord blood unit to be shipped to transplant centres. See Appendix V of FACT Netcord Standards 6th Edition.<br>At the time a cord blood unit is released to be shipped to a transplant centre the following will be performed: | Identity testing with HLA                |
| Current packaging for shipment to transplant centre.                                                                                                                                                                                              | Metal Canister                           |
| How many segments do you currently send with the unit?                                                                                                                                                                                            | One attached segment                     |
| How much time is required from the date the shipment order is placed until the unit is shipped?                                                                                                                                                   | Less than one week                       |
| The Cord Blood Bank validates its dry shippers to ensure they maintain the temperature at = - 150°C at least 48 hours beyond the expected arrival time at the receiving facility:                                                                 | yes                                      |
| All dry shippers that are used by your Cord Blood Bank, contains an electronic temperature data logger:                                                                                                                                           | yes                                      |
| Typically the courier company for international transports is chosen by:                                                                                                                                                                          | Requesting transplant centre or registry |
| The shape of the transport container the Cord Blood Bank currently uses:                                                                                                                                                                          | Mushroom                                 |

## Cancellation policy

| Question                                                                                                            | CBB answer |
|---------------------------------------------------------------------------------------------------------------------|------------|
| There is a fee to cancel the reservation for a cord blood unit in the absence of a subsequent request for shipment: | no         |
| There a fee for cancellation of shipment:                                                                           | no         |

## IDMs performed before release

| IDM                                                                        | Maternal sample | Cord blood sample |
|----------------------------------------------------------------------------|-----------------|-------------------|
| CMV anitbodies IgGCytomegalovirus antibodies IgG                           | Not available   | Not available     |
| CMV antibodies IgMCytomegalovirus antibodies IgM                           | Not available   | Not available     |
| CMV antibodies totalCytomegalovirus antibodies total                       | Standards       | Not available     |
| EBV antibodies IgGEpstein Barr Virus antibodies IgG                        | Not available   | Not available     |
| EBV antibodies IgMEpstein Barr Virus antibodies IgM                        | Not available   | Not available     |
| EBV antibodies totalEpstein Barr Virus antibodies total                    | Not available   | -                 |
| HBV-NATHepatitis B Virus - Nucleic Acid Amplification Technique            | Standards       | Not available     |
| HCV-NATHepatitis C Virus - Nucleic Acid Amplification Technique            | Standards       | Not available     |
| HBsAgHepatitis B surface antigen                                           | Standards       | Not available     |
| Anti-HBcHepatitis B core antibody                                          | Standards       | Not available     |
| Anti-HBsHepatitis B surface antibody                                       | Standards       | Not available     |
| Anti-HCVHepatitis C antibody                                               | Standards       | Not available     |
| HIV-1 P24Human Immunodeficiency Virus p24 antigen                          | Not available   | Not available     |
| HIV-NATHuman Immunodeficiency Virus - Nucleic Acid Amplification Technique | Standards       | Not available     |
| Anti-HIV 1/2Human Immunodeficiency Virus 1/2 antibody                      | Standards       | Not available     |
| Anti-HTLV 1/2 Human T-Lymphotropic Virus 1/2 antibody                      | Standards       | Not available     |
| HTLV-NATHuman T-Lymphotropic Virus - Nucleic Acid Amplification Technique  | Not available   | Not available     |
| STSSyphilis serologic test                                                 | Standards       | Not available     |
| T. Cruzei antibody Trypanosoma Cruzei anitbody (Chagas Disease)            | Standards       | Not available     |
| TOXO antibodies IgGToxoplasmosis antibody IgG                              | Not available   | Not available     |
| TOXO antibodies IgMToxoplasmosis antibody IgM                              | Not available   | Not available     |
| TOXO antibodies total Toxoplasmosis antibody total                         | Not available   | Not available     |
| Anti-WNVWest Nile Virus antibody                                           | Not available   | Not available     |
| WNV-NATWest Nile Virus - Nucleic Acid Amplification Technique              | Standards       | Not available     |