

CBB operational specifics WO-1364

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General

| Question | CBB answer |
|---------------------------------------------|---------------------------------|
| Name of the Cord Blood Bank: | JP McCarthy Cord Stem Cell Bank |
| The information has been reviewed in year : | 2024 |

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: | 3 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 send to Transplant Centre if requested prior to shipment request: | No |

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: | Other No limit. Remains reserved with periodic follow up |
| 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 |

| | |
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| 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: | yes |

| 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: | >70% post thaw from contiguous segment | 7AAD | |

| 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. 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 IDM, donor eligibility |
| 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: | Cord Blood Bank or sending 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 | 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 | Not available | 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. Cruzi antibody Trypanosoma Cruzi anitbody (Chagas Disease) | Standards | Not available |
| TOXO antibodies IgGT toxoplasmosis antibody IgG | Not available | Not available |
| TOXO antibodies IgMT toxoplasmosis 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 |