

# CB banking specifics WO-2051

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.

## Section 1 General Info

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

## Section 2 Cord Blood Units in Inventory

| Question                                                                                                | CBB answer |
|---------------------------------------------------------------------------------------------------------|------------|
| Current processing method(s):                                                                           |            |
| Plasma and RBC reduced (automatic)                                                                      | checkfalse |
| 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: |            |
| Current antiseptic:                         |            |
| Collection bag:                             |            |
| Agitation during collection:                |            |

## 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                                                                            | checkfalse |
| Unqualified transporter                                                                          | checkfalse |
| Air transport                                                                                    | checkfalse |
| Ground transport                                                                                 | checkfalse |
| Other,                                                                                           | checkfalse |
| Temperature range for storage and transportation of fresh product:                               |            |

## Section 5 Evaluation

| Question                                                                                                               | CBB answer |
|------------------------------------------------------------------------------------------------------------------------|------------|
| Pre-processing Evaluation:<br>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                                                                                           |            |
| 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                                                                                                        | checkfalse |
| Collection Report                                                                                                      | checkfalse |
| Informed Consent                                                                                                       | checkfalse |
| Maternal IDM results                                                                                                   | checkfalse |
| Temperature and integrity of the bag                                                                                   | checkfalse |
| 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                                                                                | checkfalse |
| 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 |
| The current pre-freeze processing method(s):                                         |            |
| AXP                                                                                  | checkfalse |
| SEPAX                                                                                | checkfalse |
| 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                                                                              | checkfalse |
| Isotonic salt solution NaCl (saline)                                                 | checkfalse |
| No additive                                                                          | checkfalse |
| Other,                                                                               | checkfalse |
| Cryoprotectant additives currently in use:                                           |            |
| Cryopreservation method currently in use:                                            |            |
| BioArchive                                                                           | checkfalse |
| MVE 1850 Vapor freezer                                                               | checkfalse |
| Programmed cryopreservation with Air Liquid program (FREEZAL)                        | checkfalse |
| Programmed freezer                                                                   | checkfalse |
| Two-step (equilibrium) freezing                                                      | checkfalse |

|                                                                  |            |
|------------------------------------------------------------------|------------|
| Cryobag currently in use:                                        |            |
| Currently used packaging when a unit is stored:                  |            |
| Segments currently stored with the unit by the cord blood bank:  |            |
| One attached segment                                             | checkfalse |
| Two or more attached segments                                    | checkfalse |
| 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                                            | checkfalse |
| Cord blood material for DNA extraction                    | checkfalse |
| Plasma/cord blood                                         | checkfalse |
| Maternal DNA                                              | checkfalse |
| Maternal material for DNA extraction                      | checkfalse |
| Maternal plasma/serum                                     | checkfalse |
| HLA typing at time of listing:                            |            |
| HLA-A                                                     |            |
| HLA-B                                                     |            |
| HLA-C                                                     |            |
| HLA-DRB1                                                  |            |
| 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                                                       | checkfalse |
| Double walled liquid Nitrogen                                                        | checkfalse |
| Type following type(s) of storage monitoring is currently by the cord blood bank:    |            |
| Alarm on individual tanks only                                                       | checkfalse |
| Centralized system-local                                                             | checkfalse |
| Centralized system-remote monitoring                                                 | checkfalse |

|                           |            |
|---------------------------|------------|
| LN2 level                 | checkfalse |
| Lid opening               | checkfalse |
| System default            | checkfalse |
| Temperature monitoring    | checkfalse |
| No temperature monitoring | checkfalse |

## Section 9 Adverse Events Reporting

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