**ALNW Training Packet: Answer Key**

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| **Urgent Release Unit Records Exercise** | | |
| **Card** | **Y/N/XM** | **Any other problems or comments?** |
| Card 1 | **XM** | No unit Number  Once resolved, perform compatibility testing |
| Card 2 | **XM** | Request physician name to add to unit card if not written on other cards |
| Card 3 | **N** | Investigate where the unit is and who was responsible for it. ALNW records may not display in ORCA for a few days. Contact person at ALNW available to help. |
| Card 4 | **XM** | No problems |
| Card 5 | **N** | No patient information. See Card 3 investigation steps |
| Card 6 | **XM** | Check for product type in SQ and correct card. |

*QIM is required for any issues with the ALNW process. Without your feedback, process changes and improvements cannot be made.*

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| **Data Recorder Exercise: Y = Alarm or N = No Alarm**  ***Available at Lead Desk in Admin Area*** | | |
| **Recorder** | **Y / N** | **Describe further investigation, if applicable** |
| 1 | **Y** | Download and examine data for time cooler was out of TSL |
| 2 | **N** | Download data and review; return units to inventory if acceptable |

**Dry Survey Questions**

1. Conditioning and Loading the CREDO Cooler: Answer 1-8 to place the following steps in order

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| Performance  Order | Task |
| **2** | Place it in a minimum -30oC Freezer for at least 8 hours |
| **8** | Zip shut and secure with tie strap |
| **5** | Insert black, inner container |
| **6** | Activate the data recorder and place in water tight bag |
| **3** | Remove the black, inner container from freezer |
| **4** | Room Temperature for 25 minutes |
| **7** | Sandwich between two units in the cooler (preferably in the middle of the cooler) |
| **1** | Remove black, inner container from cooler |

*The focus of this question was the steps for the cooler. During the 25 minute RT rest, there should be adequate time to prepare the units, store the segments, get a 2nd check, and prepare a data recorder.*

2. When do you expect to obtain a signature on the Urgent Blood Release form after this change?

From HMC physician when patient arrives at ED/OR

*ALNW has their own policy concerning physician acceptance of the UNXM RBCs in the Credo Cooler. HMC TSL is not responsible for obtaining signatures for ALNW transfusions. We are responsible for obtaining signatures for UNXM RBCs transfused at HMC by HMC physicians.*

3. How often do the CREDO Coolers require cleaning/disinfecting? What solution is used for disinfecting?

Concerns are bringing MRSA and other pathogens into HMC so:

* Examine during prep and return. Clean upon return and as needed before issue.
* Lid and Base: clean with warm H2O and soap or disinfectant wipes
* Outer Bag: damp rag with soap or alcohol
* Remove from service any cooler that is torn, damaged, or doesn’t “clean up”.

4. Matching: Correct time period

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| **10 days:** Desired minimum number of days left on Credo Cooler blood products **at time of issue.** *This gives TSL 7 days storage at ALNW and at least two days to use product once we get it back. Counting in the SOP may equal 9 but there is no safety margin.*  *If plasma with less than 9-10 days is used, the Credo Cooler cannot be kept at ALNW for 7 days. Swap out with 2 days left on plasma.* |
| **48 hours:** Length of time conditioned black container can be refrigerated before requiring reconditioning. *In the rare circumstance when the Credo Cooler has set at RT but then the packaging and issue are delayed, the “black box” can sit in the refrigerator up to 48 hours before being unacceptable.* |
| **24 hours:** Length of time Credo cooler maintains storage temperature after removal from controlled refrigerator storage. |
| **7 days:** Maximum controlled refrigerator storage for Credo Coolers |

5. Patients admitted to HMC will have units allocated and issued per current SOP for Trauma and ED Blood Refrigerator. Complete the following demographics for patients NOT admitted to HMC.

Patient Name: **Unregistered, Airlift**

HID: **ALNW-**

DOB: **00/00/0000**

Diagnosis: **NDX**

*ALNW will not be using the cooler with patients going to other facilities YET. Once they do, I’m sure we all will be getting out the SOP.*

6. You are at the trauma and ALNW brings in a patient. They hand you a Credo Cooler. How would you respond? *This isn’t in an SOP. This question is asking you for your thoughts based on your trauma experience.*

* *Take the cooler from them and ask if they can wait for a replacement to be made. There should always be a “black box” in the freezer so prep of a new cooler should take about 30 minutes.*
* *Notify TSL.*
* *Return the dropped off cooler to TSL as soon as possible (given workload) to increase the chance of salvaging the product inside.*

7. There isn’t a TSL Lead scheduled to work Saturday but there is a TSL Lead scheduled for Sunday morning. The Credo Cooler comes in with ALNW patient to ED/OR.

*What will you do with the data logger?* ***Leave with units, document on Shift Hand Off for next Lead***

*What will you do with the RBCs/Plasma?* ***Leave on Quarantine shelf***

8. ALNW calls for a 2nd cooler because the helicopter is out with a Credo Cooler and they have a 2nd response in progress. How would you handle this request based on your current knowledge of ALNW blood response from TSL?

Set it up and arrange transportation.

* Best: ALNW staff at HMC can wait 30 minutes to take the 2nd cooler.
* Next Best: ALNW courier available to pick it up
* Third Option: Use FarWest cab to deliver cooler to Boeing Field

9. Credo cooler needs to be swapped out today. There is no liquid plasma with greater than 6 days shelf life available in TSL. BWNW won’t have more until tomorrow afternoon. How do you plan to handle this component shortage when providing a Credo Cooler to ALNW?

* Utilize 5 day plasma, set cooler expiration for 3 days, and swap out on 3rd day.
* Try to sequester liquid plasma earlier in the week so we have longer dated product available for the swap.