

TRANSPORT CONTAINER QUALITY CONTROL

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| <input checked="" type="checkbox"/> St. Joseph Medical Center, Tacoma, WA | <input checked="" type="checkbox"/> St. Anthony Hospital Gig Harbor, WA | <input type="checkbox"/> Harrison Medical Center, Bremerton, WA |
| <input checked="" type="checkbox"/> St. Francis Hospital, Federal Way, WA | <input checked="" type="checkbox"/> St. Elizabeth Hospital Enumclaw, WA | <input type="checkbox"/> Harrison Medical Center, Silverdale, WA |
| <input checked="" type="checkbox"/> St. Clare Hospital Lakewood, WA | <input type="checkbox"/> Highline Medical Center Burien, WA | <input type="checkbox"/> PSC |

PURPOSE

To ensure that the containers used to transport blood products maintain the required temperatures during transport. These shipments used for QC are initiated by SJMC and are sent to SAH, SCH, SEH, and SFH on a quarterly basis by SJMC.

RELATED DOCUMENTS

M-F-TS1030 Transport Container QC Form,

SUPPLIES / EQUIPMENT

- 4 units of red blood cells
- Plateletpheresis
- Insulated Transport Container
- Calibrated Thermometer
- Bag of wet ice
- Two room temperature gel packs

SJMC INSTRUCTIONS FOR SENDING RED CELLS

Randomly select one scheduled courier shipment of red cells from:

- SJMC to SFH
- SJMC to SCH
- SJMC to SAH
- SJMC to SEH

Monitor as follows:

1. Tape a calibrated thermometer to the back of one of the units. Place this unit into the shipping container, label side down.
2. Place a second unit on top, creating a sandwich around the thermometer. Place any other units for that shipment on top of the "sandwich".
3. Place a bubble wrap barrier over the blood or plasma, and add wet ice in a double plastic bag. Place the completed Transport Container QC Form into the box.
4. Close the transport box and notify the receiving facility that a monitored shipment has been sent with the courier.

SAH, SCH, SEH, SFH: INSTRUCTIONS FOR RECEIVING/SENDING THE RBC TRANSPORT CONTAINER

1. The receiving facility will open the container and record the temperature, time, and receiving tech ID on the Transport Container QC Form. When done, place the form back in the transport container with the blood or platelets and close the shipping container.
2. Either immediately (if the courier is waiting) or with the next available courier or cab arrives, open the transport container, check and record the temperature, time, and sending tech on the Transport Container QC form and then return the form to the shipping container.
3. Send the transport container back to SJMC
4. SJMC will record the received temperature on the QC log and retain the log in the PM binder.

Acceptable Results

1. The temperature of the RBC shipment should remain between 1 and 10 degrees.
2. If the temperature of the shipment falls outside the acceptable range, the units must be quarantined, the event documented on a Quality Form, and the Transfusion Service manager notified.

SJMC INSTRUCTIONS FOR SENDING PLATELETS

Randomly select a scheduled courier shipment of Platelets from:

- SJMC to SCH
- SJMC to SFH
- SJMC to SAH
- SJMC to SEH

Monitor as follows:

1. Tape a calibrated thermometer to the back of one of the units and place into the transport container, label side down, on top of a gel pack that has been stored at 20-24C in the platelet incubator.
2. Place any other platelets being shipped on top of the thermometer. If there is only one unit, place another 20-24C gel pack on top of the first.
3. Complete the Transport Container QC Form, and place into the transport box. Close the box.
4. Notify the receiving facility that a monitored shipment has been sent with the courier.
5. SJMC will record the received temperature on the QC log and retain the log in the PM binder

SAH, SCH, SEH, SFH: INSTRUCTIONS FOR RECEIVING/SENDING THE PLATELET TRANSPORT CONTAINER

1. The receiving facility will open the container and record the temperature, time, and receiving tech ID on the Transport Container QC Form. When done, place the form back in the transport container with the blood or platelets and close the shipping container.
2. Either immediately (if the courier is waiting) or with the next available courier or cab arrives, open the transport container, check and record the temperature, time, and sending tech on the Transport Container QC form and then return the form to the shipping container.
3. The form will be returned to SJMC for review and retention.

Acceptable Results

1. Per AABB, the temperature of the platelet shipment should remain as close as possible to 20-24C.
2. If the temperature of the shipment falls outside the acceptable range, the units must be quarantined, the event documented on a Quality Form, and the Transfusion Service manager notified.

REFERENCES

AABB Standards for Blood Banks and Transfusion Services, current edition