



**Document History:**

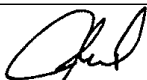
**Title:** Temperature Check of Blood and Thawed Components on Receipt

**Site(s):** All DSM sites

<b>Document #:</b>	<b>160-INV-11</b>	<b>Version #:</b>	<b>03</b>
<b>Section:</b>	<b>Manitoba Transfusion Quality Manual for Blood Banks</b>	<b>Subsection:</b>	<b>INV Module</b>

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**Written By:** TM Discipline Team

  
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#	Details of Revisions:	Approval:	Date:
1	New document		
2	<ul style="list-style-type: none"><li>Updated principle to indicate only to be performed when receiving from non CBS site</li><li>Updated procedure to perform inside shipping container</li></ul>	Dr A Kabani	22-SEP-2011
3	Add to principle when a data logger is not present or malfunctions Add procedure note 6.3	C Musuka	10-JUL-2015
4			
5			



## Temperature Check of Blood and Thawed Blood Components on Receipt

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# Temperature Check of Blood and Thawed Blood Components on Receipt

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## 1.0 Principle

To determine the temperature of blood and thawed blood component upon receipt

**NOTE: only required to be performed when receiving blood and thawed components from a non-CBS site when a data logger is not present or malfunctions.**

## 2.0 Scope and Related Policies

- 2.1 All blood and thawed blood components stored at 1°C to 6°C shall be transported in a manner that will ensure maintenance of a temperature of 1°C to 10°C.
- 2.2 To monitor temperature during shipment of blood and thawed blood components by determining the temperature on receipt.

## 3.0 Materials

Calibrated thermometer

Rubber bands

INV Form- Inter-facility Blood, Blood Component and Derivative Transfer

Form- CBS Blood Bank Customer Feedback

INV Form- DSM Blood Bank Customer Feedback

CBS Packing Slip (if applicable)

## 4.0 Procedure

- 4.1 Upon receipt of blood or thawed blood component:

**Note: perform the following steps inside the shipping container.**

- 4.1.1 If only one unit of blood or thawed blood component received:

- Fold the donor bag (label facing out) and place the sensing end of a calibrated thermometer in the fold of the bag
- Secure with two rubber bands.

**Note:** Place the thermometer so that the reading can be taken without having to remove the thermometer from the “sandwich”.

- 4.1.2 If more than one unit of blood or thawed blood components received:

- Place a thermometer between the units (labels facing out)
- Secure the “sandwich” with two rubber bands

**Note:** Place the thermometer so that the reading can be taken without having to remove the thermometer from the “sandwich”.



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### 4.0 Procedure Cont'd

- 4.2 Close the shipping container lid.
- 4.3 Leave the thermometer in place for 3 – 5 minutes.
- 4.4 Read and record the temperature on the INV Form- Inter-facility Blood, Blood Component and Derivative Transfer or receipt label placed on the CBS packing slip.

### 5.0 Reporting

- 5.1 If the temperature of the received blood component is acceptable, receive the product into inventory. Refer to INV Procedure – Receipt of Blood.
- 5.2 If the temperature of the received blood component is unacceptable (less than 1°C or greater than 10°C).
  - 5.2.1 Discard the blood product (Refer to INV Procedure- Documenting the Final Disposition of Blood, Blood Components and Derivatives).
  - 5.2.2 Complete appropriate Blood Bank Customer feedback form and report incident to the sending facility.
  - 5.2.3 Notify supervisor.
  - 5.2.4 Reorder blood product as required.

### 6.0 Procedural Notes

- 6.1 Acceptable storage temperature ranges are listed in INV Procedure- Storage of Blood, Blood Components and Derivatives.
- 6.2 Acceptable transportation temperature range is between 1°C to 10°C.
- 6.3 Transfusion medicine physician on call may be contacted as necessary to approve acceptance of product.