



## Hemovigilance Module Adverse Reaction Other Transfusion Reaction

\*Required for saving

\*Facility ID#: \_\_\_\_\_ NHSN Adverse Reaction #: \_\_\_\_\_

### Patient Information

\*Patient ID: \_\_\_\_\_ \*Gender:  M  F  Other \*Date of Birth: \_\_\_/\_\_\_/\_\_\_  
 Social Security #: \_\_\_\_\_ Secondary ID: \_\_\_\_\_ Medicare #: \_\_\_\_\_  
 Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Middle Name: \_\_\_\_\_  
 Ethnicity  Hispanic or Latino  Not Hispanic or Not Latino  
 Race  American Indian/Alaska Native  Asian  Black or African American  
 Native Hawaiian/Other Pacific Islander  White  
 \*Blood Group:  A-  A+  B-  B+  AB-  AB+  O-  O+  Blood type not done

### Patient Medical History (Use worksheet on page 4 for additional codes and descriptions.)

**(part 1)** List the patient's admitting diagnosis. (Use ICD-10 Diagnostic codes/descriptions)

Code: \_\_\_\_\_ Description: \_\_\_\_\_  
 Code: \_\_\_\_\_ Description: \_\_\_\_\_  
 Code: \_\_\_\_\_ Description: \_\_\_\_\_

**(part 2)** List the patient's underlying indication for transfusion. (Use ICD-10 Diagnostic codes/descriptions)

Code: \_\_\_\_\_ Description: \_\_\_\_\_  
 Code: \_\_\_\_\_ Description: \_\_\_\_\_  
 Code: \_\_\_\_\_ Description: \_\_\_\_\_

**(part 3)** List the patient's comorbid conditions at the time of the transfusion related to the adverse reaction. (Use ICD-10 Diagnostic codes/descriptions)  UNKNOWN  
 NONE

Code: \_\_\_\_\_ Description: \_\_\_\_\_  
 Code: \_\_\_\_\_ Description: \_\_\_\_\_  
 Code: \_\_\_\_\_ Description: \_\_\_\_\_

Continued >>

Assurance of Confidentiality: The voluntarily provided information obtained in this surveillance system that would permit identification of any individual or institution is collected with a guarantee that it will be held in strict confidence, will be used only for the purposes stated, and will not otherwise be disclosed or released without the consent of the individual, or the institution in accordance with Sections 304, 306 and 308(d) of the Public Health Service Act (42 USC 242b, 242k, and 242m(d)).

Public reporting burden of this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC, Reports Clearance Officer, 1600 Clifton Rd., MS D-74, Atlanta, GA 30333 ATTN: PRA (0920-0666).

## Other Transfusion Reaction

<b>Patient Medical History (Use worksheet on page 4 for additional codes and descriptions.)</b>	
<p><b>(part 4)</b> List the patient's relevant medical procedure including past procedures and procedures to be performed during the current hospital or outpatient stay. (Use ICD-10 Procedure codes/descriptions)</p> <p>Code: _____ Description: _____</p> <p>Code: _____ Description: _____</p> <p>Code: _____ Description: _____</p>	<input type="checkbox"/> UNKNOWN <input type="checkbox"/> NONE
<p><b>(part 5)</b> Additional Information _____</p> <p>_____</p> <p>_____</p>	

<b>Transfusion History (Use worksheet on page 4 for additional transfusion history.)</b>
<p>Has the patient received a previous transfusion? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN</p> <p><i>**If yes, provide information about the transfusion event. If not, skip to Reaction Details section.</i></p> <p>Blood Product: <input type="checkbox"/> WB <input type="checkbox"/> RBC <input type="checkbox"/> Platelet <input type="checkbox"/> Plasma <input type="checkbox"/> Cryoprecipitate <input type="checkbox"/> Granulocyte</p> <p>Date of Transfusion: ___/___/___ <input type="checkbox"/> UNKNOWN</p> <p>Did the patient experience a transfusion adverse reaction? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If yes, provide information about the transfusion adverse reaction.</p> <p>Type of transfusion adverse reaction: <input type="checkbox"/> Allergic <input type="checkbox"/> AHTR <input type="checkbox"/> DHTR <input type="checkbox"/> DSTR <input type="checkbox"/> FNHTR</p> <p><input type="checkbox"/> HTR <input type="checkbox"/> TTI <input type="checkbox"/> PTP <input type="checkbox"/> TACO <input type="checkbox"/> TAD <input type="checkbox"/> TA-GVHD <input type="checkbox"/> TRALI <input type="checkbox"/> UNKNOWN</p> <p><input type="checkbox"/> OTHER Specify _____</p>

<b>Reaction Details</b>
<p>*Date reaction occurred: ___/___/___ *Time reaction occurred: ___:___ <input type="checkbox"/> Time unknown</p> <p>*Facility location where patient was transfused: _____</p> <p>*Is this reaction associated with an incident? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Incident #: _____</p> <p>After recognition of the transfusion reaction, was the current transfusion:</p> <p><input type="checkbox"/> Continued <input type="checkbox"/> Stopped and restarted <input type="checkbox"/> Stopped indefinitely</p>

<b>Investigation Results</b>
<p><input type="checkbox"/> Other</p> <p>Specify: _____</p>
<p>List tests relevant to reaction investigation:</p> <p>Test name: _____ Testing date: _____ Test result: _____</p> <p>Test name: _____ Testing date: _____ Test result: _____</p>
<i>Continued &gt;&gt;</i>

## Other Transfusion Reaction

Investigation Results (continued)	
Other signs and symptoms: (check all that apply)	
Generalized:	<input type="checkbox"/> Chills/rigors <input type="checkbox"/> Fever <input type="checkbox"/> Nausea/vomiting
Cardiovascular:	<input type="checkbox"/> Blood pressure decrease <input type="checkbox"/> Shock
Cutaneous:	<input type="checkbox"/> Edema <input type="checkbox"/> Flushing <input type="checkbox"/> Jaundice
	<input type="checkbox"/> Other rash <input type="checkbox"/> Pruritus (itching) <input type="checkbox"/> Urticaria (hives)
Hemolysis/Hemorrhage:	<input type="checkbox"/> Disseminated intravascular coagulation <input type="checkbox"/> Hemoglobinemia
	<input type="checkbox"/> Positive antibody screen
Pain:	<input type="checkbox"/> Abdominal pain <input type="checkbox"/> Back pain <input type="checkbox"/> Flank pain <input type="checkbox"/> Infusion site pain
Renal:	<input type="checkbox"/> Hematuria <input type="checkbox"/> Hemoglobinuria <input type="checkbox"/> Oliguria
Respiratory:	<input type="checkbox"/> Bilateral infiltrates on chest x-ray <input type="checkbox"/> Bronchospasm <input type="checkbox"/> Cough
	<input type="checkbox"/> Hypoxemia <input type="checkbox"/> Shortness of breath
<input type="checkbox"/> Other: (specify) _____	
<b>Severity</b>	
Did the patient receive or experience any of the following? ( <i>Response definitions listed in protocol</i> )	
<input type="checkbox"/> Symptomatic treatment only	<input type="checkbox"/> Hospitalization, including prolonged hospitalization
<input type="checkbox"/> Life-threatening reaction	<input type="checkbox"/> Disability and/or incapacitation
<input type="checkbox"/> Congenital anomaly or birth defect(s) of the fetus	<input type="checkbox"/> Death
<input type="checkbox"/> Other medically important conditions	<input type="checkbox"/> Unknown or not stated
<b>Imputability</b>	
Which best describes the relationship between the transfusion and the reaction?	
<input type="checkbox"/> Conclusive evidence exists that the adverse reaction can be attributed to the transfusion.	
<input type="checkbox"/> Evidence is clearly in favor of attributing the adverse reaction to the transfusion.	
<input type="checkbox"/> Evidence is indeterminate for attributing the adverse reaction to the transfusion or an alternate cause.	
<input type="checkbox"/> Evidence is clearly in favor of a cause other than the transfusion, but transfusion cannot be excluded.	
<input type="checkbox"/> There is conclusive evidence beyond reasonable doubt of a cause other than the transfusion.	
<input type="checkbox"/> The relationship between the adverse reaction and the transfusion is unknown or not stated.	
Did the transfusion occur at your facility? <input type="checkbox"/> YES <input type="checkbox"/> NO	
Additional Information _____	
_____	
_____	
<i>Continued &gt;&gt;</i>	

## Other Transfusion Reaction

Patient Treatment	
*Did the patient receive treatment for the transfusion reaction?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If yes, select treatment(s):	
<input type="checkbox"/> <b>Medication</b> <i>(Select the type of medication)</i>	
<input type="checkbox"/> Antipyretics	<input type="checkbox"/> Antihistamines
<input type="checkbox"/> Intravenous Immunoglobulin	<input type="checkbox"/> Inotropes/Vasopressors
<input type="checkbox"/> Antithymocyte globulin	<input type="checkbox"/> Cyclosporin
<input type="checkbox"/> Intravenous steroids	<input type="checkbox"/> Corticosteroids
<input type="checkbox"/> H1 receptor blockers	<input type="checkbox"/> Diuretics
<input type="checkbox"/> Other	<input type="checkbox"/> Bronchodilator
<input type="checkbox"/> <b>Volume resuscitation</b> (Intravenous colloids or crystalloids)	
<input type="checkbox"/> <b>Respiratory support</b> <i>(Select the type of support)</i>	
<input type="checkbox"/> Mechanical ventilation	<input type="checkbox"/> Noninvasive ventilation
<input type="checkbox"/> Renal replacement therapy <i>(Select the type of therapy)</i>	<input type="checkbox"/> Oxygen
<input type="checkbox"/> Hemodialysis	<input type="checkbox"/> Peritoneal
<input type="checkbox"/> Phlebotomy	<input type="checkbox"/> Continuous Veno-Venous Hemofiltration
<input type="checkbox"/> Other	Specify: _____

Outcome	
*Outcome:	<input type="checkbox"/> Death <input type="checkbox"/> Major or long-term sequelae <input type="checkbox"/> Minor or no sequelae <input type="checkbox"/> Not determined
Date of Death:	____/____/____
^If recipient died, relationship of transfusion to death:	
<input type="checkbox"/> Definite	<input type="checkbox"/> Probable
<input type="checkbox"/> Possible	<input type="checkbox"/> Doubtful
<input type="checkbox"/> Ruled Out	<input type="checkbox"/> Not determined
Cause of death:	_____
Was an autopsy performed?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Continued &gt;&gt;</i>	

## Other Transfusion Reaction

Component Details (Use worksheet on page 4 for additional units.)									
*Was a particular unit implicated in (i.e., responsible for) the adverse reaction? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A									
*Transfusion Start and End Date/Time	*Component code (check system used)	*Amount transfused at reaction onset	*Unit number	*Unit expiration Date/Time	*Blood group of unit			Implicated Unit?	
^IMPLICATED UNIT									
____/____/____ : ____/____/____ :	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit mL	____-____-____ ____-____-____ ____-____-____	____/____/____ : ____/____/____ :	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B+ <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A			Y	
____/____/____ : ____/____/____ :	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit mL	____-____-____ ____-____-____ ____-____-____	____/____/____ : ____/____/____ :	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B+ <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A			N	
____/____/____ : ____/____/____ :	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit mL	____-____-____ ____-____-____ ____-____-____	____/____/____ : ____/____/____ :	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B+ <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A			N	

Custom Fields	
Label	Label
_____ _____ _____	_____ _____ _____

Comments
_____ _____ _____ _____

## Hemovigilance Module Additional Worksheet

### Patient Medical History

**(part 1)** List the patient's admitting diagnosis. *(Use ICD-10 Diagnostic codes/descriptions)*

Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____

**(part 2)** List the patient's underlying indication for transfusion. *(Use ICD-10 Diagnostic codes/descriptions)*

Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____

**(part 3)** List the patient's comorbid conditions at the time of the transfusion related to the adverse reaction. *(Use ICD-10 Diagnostic codes/descriptions)*

UNKNOWN  
 NONE

Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____

**(part 4)** List the patient's relevant medical procedure including past procedures and procedures to be performed during the current hospital or outpatient stay. *(Use ICD-10 Procedure codes/descriptions)*

UNKNOWN  
 NONE

Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____
Code: _____	Description: _____

**(part 5)** Additional Information \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Hemovigilance Module Additional Worksheet

### Transfusion History

Has the patient received a previous transfusion?  YES  NO

***\*\*If yes, provide information about the transfusion event. If not, skip to Reaction Details section.***

Blood Product:  WB  RBC  Platelet  Plasma  Cryoprecipitate  Granulocyte

Date of Transfusion: \_\_\_/\_\_\_/\_\_\_  UNKNOWN

Did the patient experience a transfusion adverse reaction?  YES  NO

If yes, provide information about the transfusion adverse reaction.

Type of transfusion adverse reaction:  Allergic  AHTR  DHTR  DSTOR  FNHTR  
 HTR  TTI  PTP  TACO  TAD  TA-GVHD  TRALI  UNKNOWN  
 OTHER Specify \_\_\_\_\_

Has the patient received a previous transfusion?  YES  NO

***\*\*If yes, provide information about the transfusion event. If not, skip to Reaction Details section.***

Blood Product:  WB  RBC  Platelet  Plasma  Cryoprecipitate  Granulocyte

Date of Transfusion: \_\_\_/\_\_\_/\_\_\_  UNKNOWN

Did the patient experience a transfusion adverse reaction?  YES  NO

If yes, provide information about the transfusion adverse reaction.

Type of transfusion adverse reaction:  Allergic  AHTR  DHTR  DSTOR  FNHTR  
 HTR  TTI  PTP  TACO  TAD  TA-GVHD  TRALI  UNKNOWN  
 OTHER Specify \_\_\_\_\_

Has the patient received a previous transfusion?  YES  NO

***\*\*If yes, provide information about the transfusion event. If not, skip to Reaction Details section.***

Blood Product:  WB  RBC  Platelet  Plasma  Cryoprecipitate  Granulocyte

Date of Transfusion: \_\_\_/\_\_\_/\_\_\_  UNKNOWN

Did the patient experience a transfusion adverse reaction?  YES  NO

If yes, provide information about the transfusion adverse reaction.

Type of transfusion adverse reaction:  Allergic  AHTR  DHTR  DSTOR  FNHTR  
 HTR  TTI  PTP  TACO  TAD  TA-GVHD  TRALI  UNKNOWN  
 OTHER Specify \_\_\_\_\_

## Hemovigilance Module Additional Worksheet

Component Details						
*Was a particular unit implicated in (i.e., responsible for) the adverse reaction? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A						
*Transfusion Start and End Date/Time	*Component code (check system used)	*Amount transfused at reaction onset	*Unit number	*Unit expiration Date/Time	*Blood group of unit	Implicated Unit?
____/____/____ ____:____ ____/____/____ ____:____	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit _____mL	_____ ____	____/____/____ ____:____	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A	N
____/____/____ ____:____ ____/____/____ ____:____	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit _____mL	_____ ____	____/____/____ ____:____	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A	N
____/____/____ ____:____ ____/____/____ ____:____	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit _____mL	_____ ____	____/____/____ ____:____	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A	N
____/____/____ ____:____ ____/____/____ ____:____	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit _____mL	_____ ____	____/____/____ ____:____	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A	N
____/____/____ ____:____ ____/____/____ ____:____	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit _____mL	_____ ____	____/____/____ ____:____	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A	N
____/____/____ ____:____ ____/____/____ ____:____	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit _____mL	_____ ____	____/____/____ ____:____	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A	N
____/____/____ ____:____ ____/____/____ ____:____	<input type="checkbox"/> ISBT-128 <input type="checkbox"/> Codabar	<input type="checkbox"/> Entire unit <input type="checkbox"/> Partial unit _____mL	_____ ____	____/____/____ ____:____	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B- <input type="checkbox"/> B <input type="checkbox"/> AB- <input type="checkbox"/> AB+ <input type="checkbox"/> O- <input type="checkbox"/> O+ <input type="checkbox"/> N/A	N
____/____/____ ____:____ ____/____/____ ____:____	<input type="checkbox"/> ISBT-128	<input type="checkbox"/> Entire	_____ ____	____/____/____ ____:____	<input type="checkbox"/> A- <input type="checkbox"/> A+ <input type="checkbox"/> B-	N



_____ : _____ _____ / _____ / _____ _____ : _____	<input type="checkbox"/> Codabar _____	unit <input type="checkbox"/> Partial unit _____ mL	_____ _____	_____ : _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">A-</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> B</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">+</td> <td style="text-align: center;">AB-</td> <td style="text-align: center;">AB+</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">O-</td> <td style="text-align: center;"><input type="checkbox"/> O+</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	A-				<input type="checkbox"/> B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	+	AB-	AB+	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	O-	<input type="checkbox"/> O+	N/A	<input type="checkbox"/>
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