



## Hemovigilance Module Adverse Reaction Unknown 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 >>*

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Public reporting burden of this collection of information is estimated to average 20 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).

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## Unknown Transfusion Reaction

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

**(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: \_\_\_\_\_

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

### Transfusion History (Use worksheet on page 4 for additional transfusion history.)

\*Has the patient received a previous transfusion?  YES  NO  UNKNOWN

**\*\*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  DSTR  FNHTR  
 HTR  TTI  PTP  TACO  TAD  TA-GVHD  TRALI  UNKNOWN  
 OTHER Specify \_\_\_\_\_

### Reaction Details

\*Date reaction occurred: \_\_\_/\_\_\_/\_\_\_ \*Time reaction occurred: \_\_\_:\_\_\_  Time unknown

\*Facility location where patient was transfused: \_\_\_\_\_

\*Is this reaction associated with an incident?  Yes  No If Yes, Incident #: \_\_\_\_\_

After recognition of the transfusion reaction, was the current transfusion:  
 Continued  Stopped and restarted  Stopped indefinitely

### Investigation Results

\*  **Unknown**  
 Diagnosis of case: \_\_\_\_\_

List tests relevant to reaction investigation:

Test name: \_\_\_\_\_ Testing date: \_\_\_\_\_ Test result: \_\_\_\_\_  
 Test name: \_\_\_\_\_ Testing date: \_\_\_\_\_ Test result: \_\_\_\_\_

*Continued >>*

## Unknown 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? (Response definitions listed in protocol)	
<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	
Designations for case definition, severity, and imputability will be automatically assigned in the NHSN application based on responses in the corresponding investigation results section above.	
Do you agree with the case definition designation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Please indicate your designation _____	
Do you agree with the severity designation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Please indicate your designation _____	
Do you agree with the imputability designation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Please indicate your designation _____	
Additional Information _____	

*Continued >>*

## Unknown Transfusion Reaction

Patient Treatment	
*Did the patient receive treatment for the transfusion reaction?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN
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> <i>(Intravenous colloids or crystalloids)</i>	
<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>	

## Unknown 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	<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	<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	<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  DSTR  FNHTR  
 HTR  TTI  PTP  TACO  TAD  TA-GVHD  TRALI  UNKNOWN  
 OTHER Specify \_\_\_\_\_

Has the patient received a previous transfusion?  YES  NO

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Blood Product:  WB  RBC  Platelet  Plasma  Cryoprecipitate  Granulocyte

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

Did the patient experience a transfusion adverse reaction?  YES  NO

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Type of transfusion adverse reaction:  Allergic  AHTR  DHTR  DSTR  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
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____/____/____ ____:____ ____/____/____ ____:____	<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	_____						
						A-			
						<input type="checkbox"/> B	<input type="checkbox"/>	<input type="checkbox"/>	
						+	AB-	AB+	
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						O-	<input type="checkbox"/> O+	N/A	