



Hemovigilance Module Adverse Reaction Transfusion Associated Graft vs. Host Disease

*Required for saving

*Facility ID#: _____ NHSN Adverse Reaction #: _____

Patient Information

*Patient ID: _____ *Gender: ☐ M ☐ F ☐ Other *Date of Birth: ____/____/____
Sex at Birth: ☐ M ☐ F ☐ Unknown Gender Identity (Specify): _____
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
☐ Transitional ABO / Rh + ☐ Transitional ABO / Rh - ☐ Transitional ABO / Transitional Rh
☐ Group A/Transitional Rh ☐ Group B/Transitional Rh ☐ Group O/Transitional Rh ☐ Group AB/Transitional Rh

Patient Medical History

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

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

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

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

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: _____

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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: _____

Additional Information _____

Transfusion History

Has the patient received a previous transfusion?

☐ YES

☐ NO

☐ UNKNOWN

Blood Product:

☐ WB

☐ RBC

☐ Platelet

☐ Plasma

☐ Cryoprecipitate

☐ Granulocyte

Date of Transfusion: ____/____/____

☐ UNKNOWN

Was the patient's adverse reaction transfusion-related?

☐ 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 #: _____

Investigation Results

*☐ Transfusion associated graft vs. host disease (TA-GVHD)

*Case Definition

Did patient receive non-irradiated blood product(s) in the two months preceding the reaction? ☐ Yes ☐ No

Check all that occurred within 2 days to 6 weeks after cessation of transfusion:

☐ Clinical syndrome

Clinical syndrome characteristics:

☐ Diarrhea

☐ Fever

☐ Hepatomegaly

☐ Pancytopenia

☐ Liver dysfunction (i.e., elevated ALT, AST, Alkaline phosphatase, and bilirubin)

☐ Marrow aplasia

☐ Characteristic rash: erythematous, maculopapular eruption centrally that spreads to extremities and may, in severe cases, progress to generalized erythroderma and hemorrhagic bullous formation.

Check all that apply:

☐ Characteristic histological appearance of skin or liver biopsy.

☐ Biopsy negative or not done.

Other signs and symptoms: (check all that apply)

Generalized:

☐ Chills/rigors

☐ Nausea/vomiting

Cardiovascular:

☐ Blood pressure decrease

☐ Shock

Cutaneous:

☐ Edema

☐ Flushing

☐ Jaundice

☐ Other rash

☐ Pruritus (itching)

☐ Urticaria (hives)

Hemolysis/Hemorrhage:	☐ Disseminated intravascular coagulation	☐ Hemoglobinemia
	☐ Positive antibody screen	
Pain:	☐ Abdominal pain	☐ Back pain
	☐ Flank pain	☐ Infusion site pain
Renal:	☐ Hematuria	☐ Hemoglobinuria
	☐ Oliguria	
Respiratory:	☐ Bronchospasm	☐ Cough
	☐ Shortness of breath	
☐ Other: (specify) _____		

***Severity**

Did the patient receive or experience any of the following?

- | | |
|---|---|
| ☐ No treatment required | ☐ Symptomatic treatment only |
| ☐ Hospitalization, including prolonged hospitalization | ☐ Life-threatening reaction |
| ☐ Disability and/or incapacitation | ☐ Congenital anomaly or birth defect(s) of the fetus |
| ☐ Other medically important conditions | ☐ Death |
| | ☐ Unknown or not stated |

***Imputability**

Which best describes the relationship between the transfusion and the reaction?

- ☐ No other alternative diagnoses.
☐ Other potential causes are present (e.g., stem cell transplantation).
☐ Alternative explanations are more likely (e.g., solid organ transplantation).
☐ Evidence is clearly in favor of a cause other than the transfusion, but transfusion cannot be excluded.
☐ There is conclusive evidence beyond reasonable doubt of a cause other than the transfusion
☐ The relationship between the adverse reaction and the transfusion is unknown or not stated.

 Did the transfusion occur at your facility? ☐ YES ☐ NO

 WBC chimerism: ☐ WBC chimerism present ☐ WBC chimerism not present or not done

Module-generated Designations

NOTE: 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?**
☐ YES ☐ NO

^Please indicate your designation _____

***Do you agree with the severity designation?**
☐ YES ☐ NO

^Please indicate your designation _____

***Do you agree with the imputability designation?**
☐ YES ☐ NO

^Please indicate your designation _____

Patient Treatment

 Did the patient receive treatment for the transfusion reaction? ☐ YES ☐ NO ☐ UNKNOWN

If yes, select treatment(s):

☐ Medication (Select the type of medication)

- | | | | | |
|---|---|---|---|------------------------------------|
| ☐ Antipyretics | ☐ Antihistamines | ☐ Inotropes/Vasopressors | ☐ Bronchodilator | ☐ Diuretics |
| ☐ Intravenous Immunoglobulin | ☐ Intravenous steroids | ☐ Corticosteroids | ☐ Antibiotics | |
| ☐ Antithymocyte globulin | ☐ Cyclosporin | ☐ Other | | |

- ☐ Volume resuscitation (Intravenous colloids or crystalloids)
- ☐ Respiratory support (*Select the type of support*)
 ☐ Mechanical ventilation
 ☐ Noninvasive ventilation
 ☐ Oxygen
- ☐ Renal replacement therapy (*Select the type of therapy*)
 ☐ Hemodialysis
 ☐ Peritoneal
 ☐ Continuous Veno-Venous Hemofiltration
- ☐ Phlebotomy
- ☐ Other Specify: _____

Outcome

- *Outcome:**
☐ Death
 ☐ Major or long-term sequelae
 ☐ Minor or no sequelae
 ☐ Not determined
- Date of Death: ____/____/____
- ^If recipient died, relationship of transfusion to death:
 ☐ Definite
 ☐ Probable
 ☐ Possible
 ☐ Doubtful
 ☐ Ruled Out
 ☐ Not determined
- Cause of death: _____
- Was an autopsy performed? ☐ Yes ☐ No

Component Details

***Was a particular unit implicated in (i.e., responsible for) the adverse reaction?**

☐ Yes
 ☐ No
 ☐ N/A

Transfusion Start and End Date/Time	*Component code (check system used)	Amount transfused at reaction onset	^Unit number (Required for Infection and TRALI)	*Unit expiration Date/Time	*Blood group of unit	Implicated Unit?
^IMPLICATED UNIT						
____/____/____ ____:____	☐ ISBT-128 ☐ Codabar	☐ Entire unit ☐ Partial unit _____ mL	_____ _____ _____	____/____/____ ____:____	☐ A- ☐ A+ ☐ B- ☐ B+ ☐ AB- ☐ AB+ ☐ O- ☐ O+ ☐ N/A	Y
____/____/____ ____:____	☐ ISBT-128 ☐ Codabar	☐ Entire unit ☐ Partial unit _____ mL	_____ _____ _____	____/____/____ ____:____	☐ A- ☐ A+ ☐ B- ☐ B+ ☐ AB- ☐ AB+ ☐ O- ☐ O+ ☐ N/A	N

Custom Fields

Label	Label
_____/_____/_____ _____ _____	_____/_____/_____ _____ _____

Comments



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