

APPENDIX

Table A1. Working list of diagnosis codes to identify potential Transfusion Related Acute Lung Injury (TRALI) cases

ICD-9-CM Code*	Definition
518.7	Transfusion-related acute lung injury
518.81	Acute respiratory failure
518.82	Other pulmonary insufficiency, not elsewhere classified code in any position
999.80	Other infusion and transfusion reaction
999.89	Other transfusion reaction
E934.7	Natural blood and blood products causing adverse effects in therapeutic use

* *International Classification of Diseases, ninth revision, Clinical Modification*

Table A2. Electronic criteria to identify potential Transfusion Related Acute Lung Injury (TRALI) cases

Criteria	ICD-9-CM Code(s)
Criterion A (potential-TRALI _A)	TRALI, ICD-9-CM* code in any position (518.7)
Criterion B (potential-TRALI _B)	Acute respiratory failure ICD-9-CM* code in any position (518.81), WITH code for a blood transfusion reaction (999.80 or 999.89 or E934.7)
Criterion C (potential-TRALI _C)	Other pulmonary insufficiency ICD-9-CM code (518.82), WITH code for a blood transfusion reaction (999.80 or 999.89 or E934.7)
Any TRALI Criteria (potential-TRALI _{A,B,C})	Criteria A, and/or B, and/or C listed above

* *International Classification of Diseases, ninth revision, Clinical Modification*

Table A3. International Classification of Diseases, ninth revision, Clinical Modification (ICD-9-CM) and Healthcare Common Procedure Coding System (HCPCS) procedure codes for mechanical ventilation

ICD-9-CM Code	Code Type	Definition
93.90	ICD-9-CM	Non-invasive mechanical ventilation
96.0	ICD-9-CM	Non-operative intubation of gastrointestinal and respiratory tracts
96.01	ICD-9-CM	Insertion of nasopharyngeal airway
96.02	ICD-9-CM	Insertion of oropharyngeal airway
96.03	ICD-9-CM	Insertion of esophageal obturator airway
96.04	ICD-9-CM	Insertion of endotracheal tube
96.05	ICD-9-CM	Other intubation of respiratory tract
96.7	ICD-9-CM	Other continuous invasive mechanical ventilation
96.70	ICD-9-CM	Continuous invasive mechanical ventilation of unspecified duration
96.71	ICD-9-CM	Continuous invasive mechanical ventilation for less than 96 consecutive hours
96.72	ICD-9-CM	Continuous invasive mechanical ventilation for 96 consecutive hours or more
A7030	HCPCS	Full face mask used with positive airway pressure device, each