

APPENDIX F: High-Risk Immunocompromised State Diagnosis and Procedure Codes

High-risk immunocompromised state diagnosis codes: (IMMUNHD)

B20	Human immunodeficiency virus [HIV] disease	D479	Neoplasm of uncertain behavior of lymphoid, hematopoietic and related tissue, unspecified
B59	Pneumocystosis	D47Z1	Post-transplant lymphoproliferative disorder (PTLD)
C802	Malignant neoplasm associated with transplanted organ	D47Z2	Castleman disease
C8300	Small cell B-cell lymphoma, unspecified site	D47Z9	Other specified neoplasms of uncertain behavior of lymphoid, hematopoietic and related tissue
C8301	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	D6109	Other constitutional aplastic anemia
C8302	Small cell B-cell lymphoma, intrathoracic lymph nodes	D61810	Antineoplastic chemotherapy induced pancytopenia
C8303	Small cell B-cell lymphoma, intra-abdominal lymph nodes	D61811	Other drug-induced pancytopenia
C8304	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	D61818	Other pancytopenia
C8305	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	D700	Congenital agranulocytosis
C8306	Small cell B-cell lymphoma, intrapelvic lymph nodes	D701	Agranulocytosis secondary to cancer chemotherapy
C8307	Small cell B-cell lymphoma, spleen	D702	Other drug-induced agranulocytosis
C8308	Small cell B-cell lymphoma, lymph nodes of multiple sites	D704	Cyclic neutropenia
C8309	Small cell B-cell lymphoma, extranodal and solid organ sites	D708	Other neutropenia
C8330	Diffuse large B-cell lymphoma, unspecified site	D709	Neutropenia, unspecified
C8331	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	D71	Functional disorders of polymorphonuclear neutrophils
C8332	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	D720	Genetic anomalies of leukocytes
C8333	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	D72810	Lymphocytopenia
C8334	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	D72818	Other decreased white blood cell count
C8335	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	D72819	Decreased white blood cell count, unspecified

C8336	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	D7381	Neutropenic splenomegaly
C8337	Diffuse large B-cell lymphoma, spleen	D7581	Myelofibrosis
C8338	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	D761	Hemophagocytic lymphohistiocytosis
C8339	Diffuse large B-cell lymphoma, extranodal and solid organ sites	D762	Hemophagocytic syndrome, infection-associated
C8350	Lymphoblastic (diffuse) lymphoma, unspecified site	D763	Other histiocytosis syndromes
C8351	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	D800	Hereditary hypogammaglobulinemia
C8352	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	D801	Nonfamilial hypogammaglobulinemia
C8353	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	D802	Selective deficiency of immunoglobulin A [IgA]
C8354	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	D803	Selective deficiency of immunoglobulin G [IgG] subclasses
C8355	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	D804	Selective deficiency of immunoglobulin M [IgM]
C8356	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	D805	Immunodeficiency with increased immunoglobulin M [IgM]
C8357	Lymphoblastic (diffuse) lymphoma, spleen	D806	Antibody deficiency with near-normal immunoglobulins or with hyperimmunoglobulinemia
C8358	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	D807	Transient hypogammaglobulinemia of infancy
C8359	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	D808	Other immunodeficiencies with predominantly antibody defects
C8370	Burkitt lymphoma, unspecified site	D809	Immunodeficiency with predominantly antibody defects, unspecified
C8371	Burkitt lymphoma, lymph nodes of head, face, and neck	D810	Severe combined immunodeficiency [SCID] with reticular dysgenesis
C8372	Burkitt lymphoma, intrathoracic lymph nodes	D811	Severe combined immunodeficiency [SCID] with low T- and B-cell numbers
C8373	Burkitt lymphoma, intra-abdominal lymph nodes	D812	Severe combined immunodeficiency [SCID] with low or normal B-cell numbers
C8374	Burkitt lymphoma, lymph nodes of axilla and upper limb	D814	Nezelof's syndrome
C8375	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	D816	Major histocompatibility complex class I deficiency
C8376	Burkitt lymphoma, intrapelvic lymph nodes	D817	Major histocompatibility complex class II deficiency
C8377	Burkitt lymphoma, spleen	D8189	Other combined immunodeficiencies

C8378	Burkitt lymphoma, lymph nodes of multiple sites	D819	Combined immunodeficiency, unspecified
C8379	Burkitt lymphoma, extranodal and solid organ sites	D820	Wiskott-Aldrich syndrome
C8380	Other non-follicular lymphoma, unspecified site	D821	Di George's syndrome
C8381	Other non-follicular lymphoma, lymph nodes of head, face, and neck	D822	Immunodeficiency with short-limbed stature
C8382	Other non-follicular lymphoma, intrathoracic lymph nodes	D823	Immunodeficiency following hereditary defective response to Epstein-Barr virus
C8383	Other non-follicular lymphoma, intra-abdominal lymph nodes	D824	Hyperimmunoglobulin E [IgE] syndrome
C8384	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	D828	Immunodeficiency associated with other specified major defects
C8385	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	D829	Immunodeficiency associated with major defect, unspecified
C8386	Other non-follicular lymphoma, intrapelvic lymph nodes	D830	Common variable immunodeficiency with predominant abnormalities of B-cell numbers and function
C8387	Other non-follicular lymphoma, spleen	D831	Common variable immunodeficiency with predominant immunoregulatory T-cell disorders
C8388	Other non-follicular lymphoma, lymph nodes of multiple sites	D832	Common variable immunodeficiency with autoantibodies to B- or T-cells
C8389	Other non-follicular lymphoma, extranodal and solid organ sites	D838	Other common variable immunodeficiencies
C8390	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	D839	Common variable immunodeficiency, unspecified
C8391	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	D840	Lymphocyte function antigen-1 [LFA-1] defect
C8392	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	D841	Defects in the complement system
C8393	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	D848	Other specified immunodeficiencies
C8394	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	D849	Immunodeficiency, unspecified
C8395	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	D893	Immune reconstitution syndrome
C8396	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	D89810	Acute graft-versus-host disease

C8397	Non-follicular (diffuse) lymphoma, unspecified, spleen	D89811	Chronic graft-versus-host disease
C8398	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	D89812	Acute on chronic graft-versus-host disease
C8399	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	D89813	Graft-versus-host disease, unspecified
C865	Angioimmunoblastic T-cell lymphoma	D8982	Autoimmune lymphoproliferative syndrome [ALPS]
C866	Primary cutaneous CD30-positive T-cell proliferations	D8989	Other specified disorders involving the immune mechanism, not elsewhere classified
C888	Other malignant immunoproliferative diseases	D899	Disorder involving the immune mechanism, unspecified
C9002	Multiple myeloma in relapse	E40	Kwashiorkor
C9012	Plasma cell leukemia in relapse	E41	Nutritional marasmus
C9022	Extramedullary plasmacytoma in relapse	E42	Marasmic kwashiorkor
C9032	Solitary plasmacytoma in relapse	E43	Unspecified severe protein-calorie malnutrition
C9102	Acute lymphoblastic leukemia, in relapse	I120	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease
C9112	Chronic lymphocytic leukemia of B-cell type in relapse	I1311	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease
C9132	Prolymphocytic leukemia of B-cell type, in relapse	I132	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
C9152	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in relapse	K912	Postsurgical malabsorption, not elsewhere classified
C9162	Prolymphocytic leukemia of T-cell type, in relapse	N185	Chronic kidney disease, stage 5
C9192	Lymphoid leukemia, unspecified, in relapse	N186	End stage renal disease
C91A2	Mature B-cell leukemia Burkitt-type, in relapse	T8600	Unspecified complication of bone marrow transplant
C91Z2	Other lymphoid leukemia, in relapse	T8601	Bone marrow transplant rejection
C9200	Acute myeloblastic leukemia, not having achieved remission	T8602	Bone marrow transplant failure
C9201	Acute myeloblastic leukemia, in remission	T8603	Bone marrow transplant infection

C9202	Acute myeloblastic leukemia, in relapse	T8609	Other complications of bone marrow transplant
C9210	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	T8610	Unspecified complication of kidney transplant
C9211	Chronic myeloid leukemia, BCR/ABL-positive, in remission	T8611	Kidney transplant rejection
C9212	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	T8612	Kidney transplant failure
C9220	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	T8613	Kidney transplant infection
C9221	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	T8619	Other complication of kidney transplant
C9222	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	T8620	Unspecified complication of heart transplant
C9230	Myeloid sarcoma, not having achieved remission	T8621	Heart transplant rejection
C9231	Myeloid sarcoma, in remission	T8622	Heart transplant failure
C9232	Myeloid sarcoma, in relapse	T8623	Heart transplant infection
C9240	Acute promyelocytic leukemia, not having achieved remission	T86290	Cardiac allograft vasculopathy
C9241	Acute promyelocytic leukemia, in remission	T86298	Other complications of heart transplant
C9242	Acute promyelocytic leukemia, in relapse	T8630	Unspecified complication of heart-lung transplant
C9250	Acute myelomonocytic leukemia, not having achieved remission	T8631	Heart-lung transplant rejection
C9251	Acute myelomonocytic leukemia, in remission	T8632	Heart-lung transplant failure
C9252	Acute myelomonocytic leukemia, in relapse	T8633	Heart-lung transplant infection
C9260	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	T8639	Other complications of heart-lung transplant
C9261	Acute myeloid leukemia with 11q23-abnormality in remission	T8640	Unspecified complication of liver transplant
C9262	Acute myeloid leukemia with 11q23-abnormality in relapse	T8641	Liver transplant rejection
C9290	Myeloid leukemia, unspecified, not having achieved remission	T8642	Liver transplant failure
C9291	Myeloid leukemia, unspecified in remission	T8643	Liver transplant infection
C9292	Myeloid leukemia, unspecified in relapse	T8649	Other complications of liver transplant

C92A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	T865	Complications of stem cell transplant
C92A1	Acute myeloid leukemia with multilineage dysplasia, in remission	T86810	Lung transplant rejection
C92A2	Acute myeloid leukemia with multilineage dysplasia, in relapse	T86811	Lung transplant failure
C92Z0	Other myeloid leukemia not having achieved remission	T86812	Lung transplant infection
C92Z1	Other myeloid leukemia, in remission	T86818	Other complications of lung transplant
C92Z2	Other myeloid leukemia, in relapse	T86819	Unspecified complication of lung transplant
C9300	Acute monoblastic/monocytic leukemia, not having achieved remission	T86830	Bone graft rejection
C9301	Acute monoblastic/monocytic leukemia, in remission	T86831	Bone graft failure
C9302	Acute monoblastic/monocytic leukemia, in relapse	T86832	Bone graft infection
C9310	Chronic myelomonocytic leukemia not having achieved remission	T86838	Other complications of bone graft
C9311	Chronic myelomonocytic leukemia, in remission	T86839	Unspecified complication of bone graft
C9312	Chronic myelomonocytic leukemia, in relapse	T86850	Intestine transplant rejection
C9330	Juvenile myelomonocytic leukemia, not having achieved remission	T86851	Intestine transplant failure
C9331	Juvenile myelomonocytic leukemia, in remission	T86852	Intestine transplant infection
C9332	Juvenile myelomonocytic leukemia, in relapse	T86858	Other complications of intestine transplant
C9390	Monocytic leukemia, unspecified, not having achieved remission	T86859	Unspecified complication of intestine transplant
C9391	Monocytic leukemia, unspecified in remission	T86890	Other transplanted tissue rejection
C9392	Monocytic leukemia, unspecified in relapse	T86891	Other transplanted tissue failure
C93Z0	Other monocytic leukemia, not having achieved remission	T86892	Other transplanted tissue infection
C93Z1	Other monocytic leukemia, in remission	T86898	Other complications of other transplanted tissue
C93Z2	Other monocytic leukemia, in relapse	T86899	Unspecified complication of other transplanted tissue
C9400	Acute erythroid leukemia, not having achieved remission	T8690	Unspecified complication of unspecified transplanted organ and tissue

C9401	Acute erythroid leukemia, in remission	T8691	Unspecified transplanted organ and tissue rejection
C9402	Acute erythroid leukemia, in relapse	T8692	Unspecified transplanted organ and tissue failure
C9420	Acute megakaryoblastic leukemia not having achieved remission	T8693	Unspecified transplanted organ and tissue infection
C9421	Acute megakaryoblastic leukemia, in remission	T8699	Other complications of unspecified transplanted organ and tissue
C9422	Acute megakaryoblastic leukemia, in relapse	Z4821	Encounter for aftercare following heart transplant
C9430	Mast cell leukemia not having achieved remission	Z4822	Encounter for aftercare following kidney transplant
C9431	Mast cell leukemia, in remission	Z4823	Encounter for aftercare following liver transplant
C9432	Mast cell leukemia, in relapse	Z4824	Encounter for aftercare following lung transplant
C9440	Acute panmyelosis with myelofibrosis not having achieved remission	Z48280	Encounter for aftercare following heart-lung transplant
C9441	Acute panmyelosis with myelofibrosis, in remission	Z48288	Encounter for aftercare following multiple organ transplant
C9442	Acute panmyelosis with myelofibrosis, in relapse	Z48290	Encounter for aftercare following bone marrow transplant
C946	Myelodysplastic disease, not classified	Z48298	Encounter for aftercare following other organ transplant
C9480	Other specified leukemias not having achieved remission	Z4901	Encounter for fitting and adjustment of extracorporeal dialysis catheter
C9481	Other specified leukemias, in remission	Z4902	Encounter for fitting and adjustment of peritoneal dialysis catheter
C9482	Other specified leukemias, in relapse	Z4931	Encounter for adequacy testing for hemodialysis
C9500	Acute leukemia of unspecified cell type not having achieved remission	Z4932	Encounter for adequacy testing for peritoneal dialysis
C9501	Acute leukemia of unspecified cell type, in remission	Z940	Kidney transplant status
C9502	Acute leukemia of unspecified cell type, in relapse	Z941	Heart transplant status
C9510	Chronic leukemia of unspecified cell type not having achieved remission	Z942	Lung transplant status
C9511	Chronic leukemia of unspecified cell type, in remission	Z943	Heart and lungs transplant status
C9512	Chronic leukemia of unspecified cell type, in relapse	Z944	Liver transplant status
C9590	Leukemia, unspecified not having achieved remission	Z9481	Bone marrow transplant status
C9591	Leukemia, unspecified, in remission	Z9482	Intestine transplant status

C9592	Leukemia, unspecified, in relapse	Z9483	Pancreas transplant status
D45	Polycythemia vera	Z9484	Stem cells transplant status
D4622	Refractory anemia with excess of blasts 2	Z9489	Other transplanted organ and tissue status
D471	Chronic myeloproliferative disease	Z992	Dependence on renal dialysis

High-risk immunocompromised state procedure codes: (TRANSPP)

02YA0Z0	Transplantation of heart, allogeneic, open approach	0WY20Z0	Transplantation of face, allogeneic, open approach
02YA0Z2	Transplantation of heart, zooplastic, open approach	0XYJ0Z0	Transplantation of right hand, allogeneic, open approach
0BYC0Z0	Transplantation of right upper lung lobe, allogeneic, open approach	0XYK0Z0	Transplantation of left hand, allogeneic, open approach
0BYC0Z2	Transplantation of right upper lung lobe, zooplastic, open approach	30230G2	Transfusion of allogeneic related bone marrow into peripheral vein, open approach
0BYD0Z0	Transplantation of right middle lung lobe, allogeneic, open approach	30230G3	Transfusion of allogeneic unrelated bone marrow into peripheral vein, open approach
0BYD0Z2	Transplantation of right middle lung lobe, zooplastic, open approach	30230G4	Transfusion of allogeneic unspecified bone marrow into peripheral vein, open approach
0BYF0Z0	Transplantation of right lower lung lobe, allogeneic, open approach	30230X2	Transfusion of allogeneic related cord blood stem cells into peripheral vein, open approach
0BYF0Z2	Transplantation of right lower lung lobe, zooplastic, open approach	30230X3	Transfusion of allogeneic unrelated cord blood stem cells into peripheral vein, open approach
0BYG0Z0	Transplantation of left upper lung lobe, allogeneic, open approach	30230X4	Transfusion of allogeneic unspecified cord blood stem cells into peripheral vein, open approach
0BYG0Z2	Transplantation of left upper lung lobe, zooplastic, open approach	30230Y2	Transfusion of allogeneic related hematopoietic stem cells into peripheral vein, open approach
0BYH0Z0	Transplantation of lung lingula, allogeneic, open approach	30230Y3	Transfusion of allogeneic unrelated hematopoietic stem cells into peripheral vein, open approach
0BYH0Z2	Transplantation of lung lingula, zooplastic, open approach	30230Y4	Transfusion of allogeneic unspecified hematopoietic stem cells into peripheral vein, open approach
0BYJ0Z0	Transplantation of left lower lung lobe, allogeneic, open approach	30233G2	Transfusion of allogeneic related bone marrow into peripheral vein, percutaneous approach

0BYJ0Z2	Transplantation of left lower lung lobe, zooplastic, open approach	30233G3	Transfusion of allogeneic unrelated bone marrow into peripheral vein, percutaneous approach
0BYK0Z0	Transplantation of right lung, allogeneic, open approach	30233G4	Transfusion of allogeneic unspecified bone marrow into peripheral vein, percutaneous approach
0BYK0Z2	Transplantation of right lung, zooplastic, open approach	30233X2	Transfusion of allogeneic related cord blood stem cells into peripheral vein, percutaneous approach
0BYL0Z0	Transplantation of left lung, allogeneic, open approach	30233X3	Transfusion of allogeneic unrelated cord blood stem cells into peripheral vein, percutaneous approach
0BYL0Z2	Transplantation of left lung, zooplastic, open approach	30233X4	Transfusion of allogeneic unspecified cord blood stem cells into peripheral vein, percutaneous approach
0BYM0Z0	Transplantation of bilateral lungs, allogeneic, open approach	30233Y2	Transfusion of allogeneic related hematopoietic stem cells into peripheral vein, percutaneous approach
0BYM0Z2	Transplantation of bilateral lungs, zooplastic, open approach	30233Y3	Transfusion of allogeneic unrelated hematopoietic stem cells into peripheral vein, percutaneous approach
0DY50Z0	Transplantation of esophagus, allogeneic, open approach	30233Y4	Transfusion of allogeneic unspecified hematopoietic stem cells into peripheral vein, percutaneous approach
0DY50Z2	Transplantation of esophagus, zooplastic, open approach	30240G2	Transfusion of allogeneic related bone marrow into central vein, open approach
0DY60Z0	Transplantation of stomach, allogeneic, open approach	30240G3	Transfusion of allogeneic unrelated bone marrow into central vein, open approach
0DY60Z2	Transplantation of stomach, zooplastic, open approach	30240G4	Transfusion of allogeneic unspecified bone marrow into central vein, open approach
0DY80Z0	Transplantation of small intestine, allogeneic, open approach	30240X2	Transfusion of allogeneic related cord blood stem cells into central vein, open approach
0DY80Z2	Transplantation of small intestine, zooplastic, open approach	30240X3	Transfusion of allogeneic unrelated cord blood stem cells into central vein, open approach
0DYE0Z0	Transplantation of large intestine, allogeneic, open approach	30240X4	Transfusion of allogeneic unspecified cord blood stem cells into central vein, open approach
0DYE0Z2	Transplantation of large intestine, zooplastic, open approach	30240Y2	Transfusion of allogeneic related hematopoietic stem cells into central vein, open approach

0FSG0ZZ	Reposition pancreas, open approach	30240Y3	Transfusion of allogeneic unrelated hematopoietic stem cells into central vein, open approach
0FSG4ZZ	Reposition pancreas, percutaneous endoscopic approach	30240Y4	Transfusion of allogeneic unspecified hematopoietic stem cells into central vein, open approach
0FY00Z0	Transplantation of liver, allogeneic, open approach	30243G2	Transfusion of allogeneic related bone marrow into central vein, percutaneous approach
0FY00Z2	Transplantation of liver, zooplastic, open approach	30243G3	Transfusion of allogeneic unrelated bone marrow into central vein, percutaneous approach
0FYG0Z0	Transplantation of pancreas, allogeneic, open approach	30243G4	Transfusion of allogeneic unspecified bone marrow into central vein, percutaneous approach
0FYG0Z2	Transplantation of pancreas, zooplastic, open approach	30243X2	Transfusion of allogeneic related cord blood stem cells into central vein, percutaneous approach
0TY00Z0	Transplantation of right kidney, allogeneic, open approach	30243X3	Transfusion of allogeneic unrelated cord blood stem cells into central vein, percutaneous approach
0TY00Z2	Transplantation of right kidney, zooplastic, open approach	30243X4	Transfusion of allogeneic unspecified cord blood stem cells into central vein, percutaneous approach
0TY10Z0	Transplantation of left kidney, allogeneic, open approach	30243Y2	Transfusion of allogeneic related hematopoietic stem cells into central vein, percutaneous approach
0TY10Z2	Transplantation of left kidney, zooplastic, open approach	30243Y3	Transfusion of allogeneic unrelated hematopoietic stem cells into central vein, percutaneous approach
30230AZ	Transfusion of embryonic stem cells into peripheral vein, open approach	30243Y4	Transfusion of allogeneic unspecified hematopoietic stem cells into central vein, percutaneous approach
30230G0	Transfusion of autologous bone marrow into peripheral vein, open approach	30250G1	Transfusion of nonautologous bone marrow into peripheral artery, open approach
30230G1	Transfusion of nonautologous bone marrow into peripheral vein, open approach	30250X0	Transfusion of autologous cord blood stem cells into peripheral artery, open approach
30230X0	Transfusion of autologous cord blood stem cells into peripheral vein, open approach	30250X1	Transfusion of nonautologous cord blood stem cells into peripheral artery, open approach
30230X1	Transfusion of nonautologous cord blood stem cells into peripheral vein, open approach	30250Y0	Transfusion of autologous hematopoietic stem cells into peripheral artery, open approach

30230Y0	Transfusion of autologous hematopoietic stem cells into peripheral vein, open approach	30250Y1	Transfusion of nonautologous hematopoietic stem cells into peripheral artery, open approach
30230Y1	Transfusion of nonautologous hematopoietic stem cells into peripheral vein, open approach	30253G0	Transfusion of autologous bone marrow into peripheral artery, percutaneous approach
30233AZ	Transfusion of embryonic stem cells into peripheral vein, percutaneous approach	30253G1	Transfusion of nonautologous bone marrow into peripheral artery, percutaneous approach
30233G0	Transfusion of autologous bone marrow into peripheral vein, percutaneous approach	30253X0	Transfusion of autologous cord blood stem cells into peripheral artery, percutaneous approach
30233G1	Transfusion of nonautologous bone marrow into peripheral vein, percutaneous approach	30253X1	Transfusion of nonautologous cord blood stem cells into peripheral artery, percutaneous approach
30233X0	Transfusion of autologous cord blood stem cells into peripheral vein, percutaneous approach	30253Y0	Transfusion of autologous hematopoietic stem cells into peripheral artery, percutaneous approach
30233X1	Transfusion of nonautologous cord blood stem cells into peripheral vein, percutaneous approach	30253Y1	Transfusion of nonautologous hematopoietic stem cells into peripheral artery, percutaneous approach
30233Y0	Transfusion of autologous hematopoietic stem cells into peripheral vein, percutaneous approach	30260G0	Transfusion of autologous bone marrow into central artery, open approach
30233Y1	Transfusion of nonautologous hematopoietic stem cells into peripheral vein, percutaneous approach	30260G1	Transfusion of nonautologous bone marrow into central artery, open approach
30240AZ	Transfusion of embryonic stem cells into central vein, open approach	30260X0	Transfusion of autologous cord blood stem cells into central artery, open approach
30240G0	Transfusion of autologous bone marrow into central vein, open approach	30260X1	Transfusion of nonautologous cord blood stem cells into central artery, open approach
30240G1	Transfusion of nonautologous bone marrow into central vein, open approach	30260Y0	Transfusion of autologous hematopoietic stem cells into central artery, open approach
30240X0	Transfusion of autologous cord blood stem cells into central vein, open approach	30260Y1	Transfusion of nonautologous hematopoietic stem cells into central artery, open approach
30240X1	Transfusion of nonautologous cord blood stem cells into central vein, open approach	30263G0	Transfusion of autologous bone marrow into central artery, percutaneous approach

30240Y0	Transfusion of autologous hematopoietic stem cells into central vein, open approach	30263G1	Transfusion of nonautologous bone marrow into central artery, percutaneous approach
30240Y1	Transfusion of nonautologous hematopoietic stem cells into central vein, open approach	30263X0	Transfusion of autologous cord blood stem cells into central artery, percutaneous approach
30243AZ	Transfusion of embryonic stem cells into central vein, percutaneous approach	30263X1	Transfusion of nonautologous cord blood stem cells into central artery, percutaneous approach
30243G0	Transfusion of autologous bone marrow into central vein, percutaneous approach	30263Y0	Transfusion of autologous hematopoietic stem cells into central artery, percutaneous approach
30243G1	Transfusion of nonautologous bone marrow into central vein, percutaneous approach	30263Y1	Transfusion of nonautologous hematopoietic stem cells into central artery, percutaneous approach
30243X0	Transfusion of autologous cord blood stem cells into central vein, percutaneous approach	3E030U1	Introduction of nonautologous pancreatic islet cells into peripheral vein, open approach
30243X1	Transfusion of nonautologous cord blood stem cells into central vein, percutaneous approach	3E033U1	Introduction of nonautologous pancreatic islet cells into peripheral vein, percutaneous approach
30243Y0	Transfusion of autologous hematopoietic stem cells into central vein, percutaneous approach	3E0J3U1	Introduction of nonautologous pancreatic islet cells into biliary and pancreatic tract, percutaneous approach
30243Y1	Transfusion of nonautologous hematopoietic stem cells into central vein, percutaneous approach	3E0J7U1	Introduction of nonautologous pancreatic islet cells into biliary and pancreatic tract, via natural or artificial opening
30250G0	Transfusion of autologous bone marrow into peripheral artery, open approach	3E0J8U1	Introduction of nonautologous pancreatic islet cells into biliary and pancreatic tract, via natural or artificial opening endoscopic